

SHIELDS 1-19^AFEDERAL
SW NW 19-41N-1E COCONINO CO.

814

PLUGGING RECORD

Operator SHIELDS EXPLORATION COMPANY		Address 320 BELLINO DR., PACIFIC PALISADES, CA 90272		
Federal, State, or Indian Lease Number or lessor's name if fee lease. A-10457		Well No. 1-19A	Field & Reservoir Wildcat	
Location of Well NWSWNW Sec. 19, T41N-R1E, G&SRBM			Sec-Twp-Rge or Block & Survey	County COCONINO
Application to drill this well was filed in name of SHIELDS EXPLORATION COMPANY		Has this well ever produced oil or gas NO	Character of well at completion (initial production): Oil (bbls/day) _____ Gas (MCF/day) _____ Dry? YES	
Date plugged: (2/ 5/90)	Total depth 650'	Amount well producing when plugged: Oil (bbls/day) N/A Gas (MCF/day) N/A Water (bbls/day) N/A		
Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement. Ran 5+yds 3/8" minus filler incl wet sand	
Open to wellbore:			using cmt trans trk-	
KAIBAB	Fluid-water level @410	0-520'	Filled to 50'. Ran hose	
TOROWEAP			& pumped 8sx cmt to GL	
			Welded steel plate	

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
7" csg	40'	—	40'		none

Was well filled with heavy drilling mud, according to regulations? **See Data under Cmtng & as permitted in Applic** Indicate deepest formation containing fresh water. **KAIBAB**

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
None		

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

STEEL PLATE:

Use reverse side for additional detail. **Shields Fed 1-19A, NWSWNW S19 41N-1E, A-10457, AZ 814**

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Shields Exploration (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date Feb 21, 1990 Signature Jay Shields

Permit No. 814	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy Form No. 10
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APPLICATION TO PLUG AND ABANDON

FIELD WILDCAT - WHITE SAGE PROSPECT
OPERATOR SHIELDS EXPLORATION CO. ADDRESS 320 BELLINO DRIVE, PAC, PAL, CA90272
Federal, State or Indian Lease Number or Lessor's Name if Fee Lease A-10457 WELL NO Shields Fed 1-19A
LOCATION NWSWNW Sec.19, T41N-R1E

TYPE OF WELL DRY HOLE TOTAL DEPTH 650
(Oil, Gas or Dry Hole)
ALLOWABLE (If Assigned) N/A
LAST PRODUCTION TEST N/A OIL N/A (Bbls.) WATER N/A (Bbls.)
GAS _____ (MCF) DATE OF TEST _____
PRODUCING HORIZON N/A PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

7" Casing cmtd in 8 5/8" Hole at 40'
Open Hole: 6 1/2" from 40' to 650'

2. FULL DETAILS OF PROPOSED PLAN OF WORK.

Plug and abandon in accord with USDI-BLM Rules and Arizona O/G Cons Comm Regs

- 1) Well SF 1-19A will be filled with 3/8" minus Filler from TD 650' to approximately 60' below grd lev using a transit cement truck to pour an estimated 5 yards of the mix downhole.
- 2) Using a small pick-up truck, we plan to cement the Well from the top of filler mix (est 60') to ground level and also annulus if req.
- 3) A 1/2" Steel Plate will be welded to the top of the 7" csg cut to grd level. Plate reads: SHIELDS FED 1-19A NWSWNW S19 41N 1E AZ814

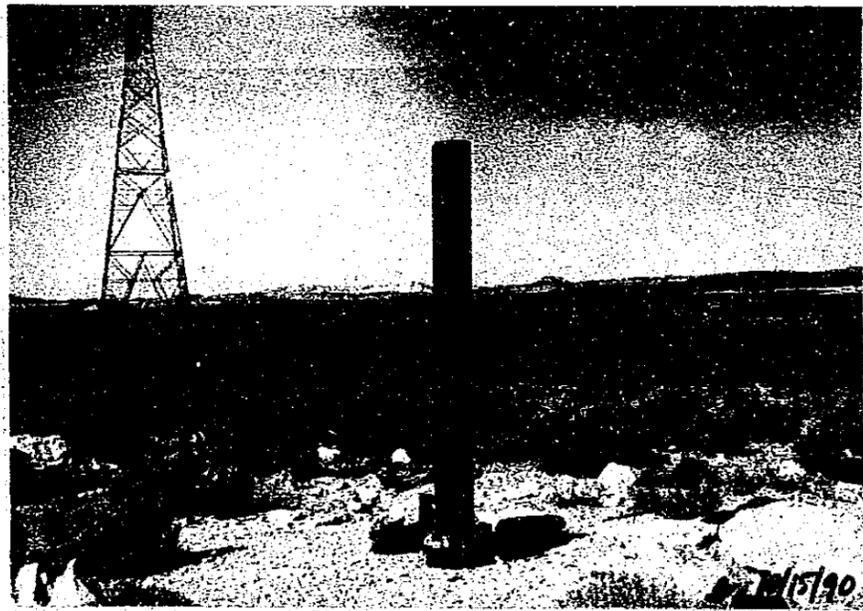
DATE COMMENCING OPERATIONS FEBRUARY 5, 1990 (Subject to adverse weather)
NAME OF PERSON DOING WORK Shields-Chamberlin ADDRESS KANECO, KANAB, UTAH

Signature [Signature]
Title President, Shields Exploration Company
Address 320 Bellino Drive, Pacific Palisades, CA 90272
Date JANUARY 29, 1990

Date Approved 2/2/90
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Plug and Abandon
File Two Copies
Form No. 9

Permit No. 814



Form 3160-5
(November 1983)
(Formerly 9-131)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL

A-10457

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME
SHIELDS FEDERAL

WELL NO.
1-19A

FIELD AND POOL OR WILDCAT
WHITE SAGE PROSPECT

SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

COUNTY OR PARISH
Coconino

STATE
ARIZONA

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

OIL WELL GAS WELL OTHER DEEPEN

NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CALIFORNIA 90272

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 19, T41N-R1E, Coconino Co., Arizona
12 Miles East of Fredonia, Arizona.

PERMIT NO.
API 02-005-20023

ELEVATIONS (Show whether OF, RT, GR, etc.)
GR 5025

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Move in Rig to Deepen

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This Report 3/18/88: Summary of deepening procedures: Well #1-19A. Rigged up 2/29/88. Commenced deepening operations @ 500' using 6 $\frac{1}{2}$ " bit. Some water in hole at 410' required use of foam with air. In accordance with BLM regulations, drilling continued in the late evening of 2/29 and through midnight into the next day 3/1/88. Continued operations and drilled down to coring point @ 630' on 3/2/88.

3/3/88: Cored from 630' to 645'. Full recovery of 15' of 3" cores. Cores consisted of fine-gr dolomite, anhydrite and limestone - Dolomite oil saturated. Opened hole to 6 $\frac{1}{2}$ " and drilled ahead 5 feet. Total depth 650'. Moved out Rotary Rig.

3/4/88: Moved in Cable Tool Rig. Commenced bailing. Top water @ 410'. Could not bail down.

Decision made to study cores and cuttings to determine if a test is warranted. Checking possibilities of using open hole packer to shut off water for test and see if oil will enter well bore.

You will be kept advised of developments and any plans for testing.

18. I hereby certify that the foregoing is true and correct

SIGNED Jay M Shields TITLE President DATE March 18, 1988

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

814

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator SHIELDS EXPLORATION COMPANY

2. OIL WELL GAS WELL OTHER (Specify) TESTWELL - SHUT IN

3. Well Name SHIELDS FEDERAL 1-19A (DEEPEN)

Location NW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$

Sec. 19 Twp. 41N Rge. 1E County COCONINO, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease A-10457

5. Field or Pool Name WHITE SAGE PROSPECT

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) <input type="checkbox"/>		(OTHER) <u>COMPLETED DEEPENING-SHUT IN.</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

2/29/88 - Rigged up and commenced drilling with air and foam to deepen the SF 1-19A Well from 500' to 650' using Schramm Rig (Cluff Drilling) with air and foam and 6 $\frac{1}{2}$ " button bit. Found top fresh water @ 410'. In accord with BLM Regulations, diligent drilling operations were carried out during late evening of February 29 and into early AM of March 1. Drilled ahead to coring depth 630' on March 2. Cored 15' of 3" core on 3/3/ 88 from 630' to 645' (rec. 15'. Top 4' oil-bearing dolomite). Ream and drilled ahead to new TD @ 650'.

3/4/88 - Move off Schramm drlg rig. Moved in Cable Tool Rig. Bailed hole. Cleaned out to bottom. Could not bail down. Water level @ 410'. SHUT IN WELL. Decision pending to shut off water (open hole packer) to see if oil will enter well bore. Request Shut In Status pending test.

8. I hereby certify that the foregoing is true and correct.

Signed Jay Shields Title President Date 3/23/88

Permit No. 814

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
Form No. 25 File One Copy

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. A-10457																								
2. NAME OF OPERATOR SHIELDS EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME MAR 14 1988																								
3. ADDRESS OF OPERATOR 320 BELLINO DRIVE, PACIFIC PALISADES, CALIFORNIA 90272		7. UNIT AGREEMENT NAME																								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NW 1/4 SW 1/4 NW 1/4 Section 19, T41N-R1E, Coconino Co., Arizona 12 Miles East of Fredonia, Arizona.		8. FARM OR LEASE NAME SHIELDS FEDERAL																								
14. PERMIT NO. API 02-005-20023	15. ELEVATIONS (Show whether DF, RT, CR, etc.) GR 5025	9. WELL NO. 1-19A																								
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT WHITE SAGE PROSPECT																								
<table border="0"> <tr> <td colspan="2">NOTICE OF INTENTION TO:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON* <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td colspan="2">Deepened Well from 500' to 650'</td> </tr> <tr> <td>(Other) <input type="checkbox"/></td> <td></td> <td colspan="2">NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.</td> </tr> </table>		NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	Deepened Well from 500' to 650'		(Other) <input type="checkbox"/>		NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.		11. SEC., T., R., M., OR BLK. AND SURVEY OR ALTA Sec 19, T41N-R1E G&SRBM
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																								
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																							
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(Other) <input type="checkbox"/>		NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.																								
		12. COUNTY OR PARISH: 13. STATE Coconino ARIZONA																								

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
Moved in equipment (Schramm Rig - Cluff Drig Co.). Re-entered Well SF 1-19A on 2/29/88. Diligently drilled (air & foam) and continued operations during late evening of 2/29/88 and thru midnight into 3/1/88. Diligent drilling operations were continued during most daylight hours of 3/1/88 & 3/2/88, reaching a depth of 630'. Cored 3/3/88 from 630' to 645' (3") - Rec. 15 feet with top 4 feet oil-bearing dolomite. Reamed and drld ahead to 650 feet (New TD). Moved in Cable Tool Rig on 3/4/88 (Cluff Drig). Bailed hole. Could not bail down. Water level @ 410'. Shut in Well on 3/4/88.

Request TEMPORARY ABANDONMENT pending further study of cores and cuttings and to evaluate procedures for attempting water shut off to permit further testing of oil potential.

More detailed review will follow.....

*Jan - 3/10/88
update on both
1-19A + 12-24
follows.
Chair Meeting in Denver
went well! Best to Randy.
Jan*

18. I hereby certify that the foregoing is true and correct.
SIGNED [Signature] TITLE President DATE March 10, 1988.

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: _____

814

*See Instructions on Reverse Side

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER DEEPEN FEB 29 1988

2. NAME OF OPERATOR SHIELDS EXPLORATION COMPANY O & B CONS. CO.

3. ADDRESS OF OPERATOR 320 BELLINO DRIVE, PACIFIC PALISADES, CALIFORNIA 90272

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
NW 1/4 SW 1/4 NW 1/4 Section 19, T41N-R1E, Coconino Co., Arizona
12 Miles East of Fredonia, Arizona.

14. PERMIT NO. API 02-005-20023

15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5025

5. LEASE DESIGNATION AND SERIAL NO. A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME SHIELDS FEDERAL

9. WELL NO. 1-19A

10. FIELD AND POOL, OR WILDCAT WHITE SAGE PROSPECT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH Coconino 13. STATE ARIZONA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Fully state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

LAST REPORT: APD approved 2/19/88

UPDATE PLANS: Will move in Schram Rig (Cluff Drilling, Fredonia, AZ) and commence drilling with air on February 29, 1988 in the Permian Toroweap Formation.

Will continue drilling on March 1, 1988. Expect to reach target (620-foot zone) on March 1. May core dolomite zone 620' - 635'. Expected TD - 650 in Toroweap limestone. 24 hour notice of drilling by telephone.

KANAB HQ: 4 Seasons Motel (801) 644-2635.

18. I hereby certify that the foregoing is true and correct.
SIGNED [Signature] TITLE President DATE 2/24/88

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

814

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF ARIZONA

OIL AND GAS CONSERVATION COMMISSION

PERMIT 814

REPORT ON PROPOSED OPERATIONS

Shields Exploration Co.
320 Bellino Drive
Pacific Palisades, CA 90272
Phoenix, ARIZONA
2/1/88

Your proposal to deepen well 1-19A Federal,
A.P.I. No. 02-005-20023, Section 19, T. 41N., R. 1E., G&SR B. & M.,
Wildcat field, Fredonia area, pool,
Coconino County, dated 1/20/88, received 1/25/88 has been examined in conjunction with records
filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. The well is cased and cemented in such a manner as to protect all zones that contain oil, gas, or fresh water.
2. Blowout prevention equipment shall be installed, used, maintained, and tested in a manner necessary to assure well control throughout the deepening operations.
3. Samples of core and cuttings of this well shall be shipped or mailed, charges prepaid to:
 - a. Oil & Gas Commission, Phoenix Office.
 - b. Bureau of Geology & Mineral Technology, University of Arizona, 845 N. Park, Tucson, AZ 84719.
4. THIS COMMISSION SHALL BE NOTIFIED:
 - a. Immediately when deepening operations commence.
 - b. To witness the running and cementing of the casing.

BOND # KO 01 75 67 5, Blanket

D. J. BRENNAN, Executive Director

By R. A. Yonka
Enforcement Director

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 30 days after the work has been completed or the operations have been suspended.

RECEIVED
JAN 25 1988
O & G CONS. COM.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator SHIELDS EXPLORATION COMPANY
2. OIL WELL GAS WELL OTHER (Specify) Deepen to recomplate @ approx. 650'
3. Well Name SHIELDS FEDERAL #1-19A
Location NW/4 SW/4 NW/4
Sec. 19 Twp. 41N Rge. 1E County Coconino, Arizona.
4. Federal, State or Indian Lease Number, or lessor's name if fee lease Federal Arizona A 10457
5. Field or Pool Name White Sage Prospect

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>		ABANDONMENT <input type="checkbox"/>
(OTHER) <u>Deepen to test Zone @ 620'</u>	<input checked="" type="checkbox"/>	(OTHER) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SF #1-19A was drilled as an alternate to SF #1-19 and located 100' N 30°W of the SF #1-19 survey location. Ref: Sundry Notice of 9/9/82. It was completed at 500' in the White Rim ss. as a dry hole on 9/10/82. 7" Surface csg was cemented at 40' in 8 5/8" hole. Drld out and to 500' using 6 1/2" hammer drill. There was no oil entry into the Well. A request to temporarily abandon the #1-19A Well was made in a Sundry Notice dated December 13, 1984. At that time, there was only a small amount (30') of seepage fresh water in the bottom of the Well.

PLAN: To clean out Well and drill deeper from 500' to 650' using 6 1/2" hammer drill and probably a cable tool rig for testing. Target is the 620' Zone which had some oil shows when the nearby SF #2-19 Well was drilled in late 1985. Hole size will be 6 1/2". As there was no noticeable pressure through this zone in either the SF #2-19 or the SF #12-24 Wells, no blowout preventer is necessary. There will be water in a tank @ the rig and a blooie line. Time of STARTING OPERATIONS will be on or about February 26, 1988. You will be kept fully informed by telephone and Sundry Notices.

8. I hereby certify that the foregoing is true and correct.
Signed *Wayne Shields* Title President Date January 20, 1988

Permit No. 814

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
Form No. 25 File One Copy

RECEIVED
JAN 25 1988
OIL & GAS

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator SHIELDS EXPLORATION COMPANY
2. OIL WELL GAS WELL OTHER (Specify) Deepen to recomplete @ approx. 650'
3. Well Name SHIELDS FEDERAL #1-19A
Location NW/4 SW/4 NW/4
Sec. 19 Twp. 41N Rge. 1E County Coconino, Arizona.
4. Federal, State or Indian Lease Number, or lessor's name if fee lease Federal Arizona A 10457
5. Field or Pool Name White Sage Prospect

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>Deepen to test Zone @ 620'</u>	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

SF #1-19A was drilled as an alternate to SF #1-19 and located 100' N 30°W of the SF #1-19 survey location. Ref: Sundry Notice of 9/9/82. It was completed at 500' in the White Rim ss. as a dry hole on 9/10/82. 7" Surface csg was cemented at 40' in 8 5/8" hole. Drld out and to 500' using 6 1/2" hammer drill. There was no oil entry into the Well. A request to temporarily abandon the #1-19A Well was made in a Sundry Notice dated December 13, 1984. At that time, there was only a small amount (30') of seepage fresh water in the bottom of the Well.

PLAN: To clean out Well and drill deeper from 500' to 650' using 6 1/2" hammer drill and probably a cable tool rig for testing. Target is the 620' Zone which had some oil shows when the nearby SF #2-19 Well was drilled in late 1985. Hole size will be 6 1/2". As there was no noticeable pressure through this zone in either the SF #2-19 or the SF #12-24 Wells, no blowout preventer is necessary. There will be water in a tank @ the rig and a blooie line. Time of STARTING OPERATIONS will be on or about February 26, 1988. You will be kept fully informed by telephone and Sundry Notices.

8. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title President Date January 20, 1988

Permit No. E14

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
Form No. 25 File One Copy

SHIELDS EXPLORATION CO.

320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

December 18, 1985

SHIELDS 1984 PROGRAM

Dear Participant:

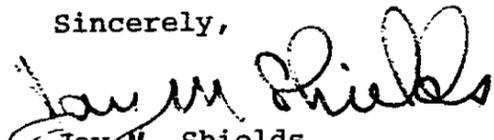
The road into the Well became impassable due to excessive rain and snow melt and the Well had to be shut down the last of November.

The very unusual conditions finally abated. With access assured, we were then able to begin pumping again on a 24-hour basis. Other than paraffine wax, we have not recovered any oil as yet. Based on reports of pump tests elsewhere in similar formations with water problems, it may be some time before we can evaluate the situation and reach a definite conclusion.

The enclosed photograph shows the pumping unit in operation. If you have any questions about the pumping operations, give us a call.

All good wishes for the Holiday Season and for success in the New Year.

Sincerely,


Jay M. Shields
JMS/mgr

Form 9-331
Dec. 1973

RECEIVED
UNited STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
DEC 18 1984
D & G CONS. COMM.

Form Approved
Budget Bureau No. 42-R1424

P/N 814
BS3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FWI & 3630' FS1, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shields Federal

9. WELL NO.
#1-19 A

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH | 13. STATE
Coconino | Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW OF, KDB, AND WD)
5025'

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Temporary Abandonment	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Proposal for Temporary Abandonment:

The subject Well is proposed for your category of Temporary Abandonment. Plans are being formulated to re-enter and deepen this Well when weather and other conditions permit. An application will be filed with your office prior to any activity at the site. There is a small amount of seepage water in the Well with TD recently measured at approximately 470 feet.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE President DATE Dec. 13, 1984

APPROVED BY R.A.Y. TITLE _____ DATE 12/19/84
CONDITIONS OF APPROVAL, IF ANY:

Form 9-331
Dec. 1973

RECEIVED

FEB 1 1983

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR & CONS. COMM.
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FWL & 3630' FS1, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Update of Operations</u>	

5. LEASE

A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shields Federal

9. WELL NO.
#1-19 A

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH 13. STATE
Coconino Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

January 15, 1983:
Opened steel plate welded on 7" surface casing. No pressure or odor. Ran measuring and sampling device. Found top of fluid (tan water) @ approx 350' (TD 500') No odor. Replaced steel plate.
This well was drilled to TD on Sept. 9, 1982. Ref O & G Regs 10/27/82--#221.29, request authorization for a 12 month delay (to Sept. 9, 1983) in abandonment in order to continue monitoring as well had oil shows below 350'.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE President DATE January 27, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

814

*See Instructions on Reverse Side

APPLICATION TO ABANDON AND PLUG

RECEIVED

SEP 13 1982

FIELD WHITE SAGE PROSPECT

OPERATOR SHIELDS EXPLORATION COMPANY ADDRESS 320 Bellino Dr., Pacific Palisades, CA 90272
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease

Shields Federal WELL NO. SF #1-19

LOCATION 330' f W line & 3630' f S line of Sec 19, T41N-R1E
Coconino County, Arizona

TYPE OF WELL DRY HOLE TOTAL DEPTH 420'
(Oil, Gas or Dry Hole)

ALLOWABLE (If Assigned) NA

LAST PRODUCTION TEST OIL NA (Bbls.) WATER NA (Bbls.)
 GAS NA (MCF) DATE OF TEST NA

PRODUCING HORIZON NA PRODUCING FROM NA TO NA

1. COMPLETE CASING RECORD.

casing cemented at 40'.

2. FULL DETAILS OF PROPOSED PLAN OF WORK

As there was no appreciable water in the hole, the plugging procedure will be a cement plug at bottom (top of Fish at 380') and a 50' cement plug at surface. A 4-foot, 4 1/2" marker pipe will be attached as required. A Plugging Record form will follow.

DATE COMMENCING OPERATIONS September 15, 1982

NAME OF PERSON DOING WORK JIM WILLIAMS WELL DRILLING ADDRESS SKULLY VALLEY, AZ.

Signature [Signature]
SHIELDS EXPLORATION COMPANY
President

Title 320 Bellino Drive
Pacific Palisades, CA 90272

Address September 9, 1982

Date

Date Approved 9-13-82

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

By: R. A. [Signature]

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION

Application to Abandon and Plug
 File Two Copies

Form No. 9

Permit No. 814

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
100' N 30' W of
AT SURFACE: 330' FWI & 3630' fsl, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. CASE
A-10457 **RECEIVED**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SEP 13 1982

7. UNIT AGREEMENT NAME
O & G CONS. COMM.

8. FARM OR LEASE NAME
Shields Federal

9. WELL NO.
#1-19 A

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH | 13. STATE
Coconino | Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Alternate well location to SF #1-19	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SF # 1-19A (Alternate well to SF #1-19 which will be abandoned due to pipe in hole at 420'): Spudded 9/7/82, Jim Williams Well Drilling, Skull Valley, Arizona. Drilled 8 5/8" hole to 40'. Ran and cemented 7" casing. Drilled ahead with 6 1/2" hammer drill. Found no appreciable water entry to 420'. Lost circulation. Recovered at 445'. Found a few thin beds of oil-saturated, fine-grained dolomite. No oil entry. TD 500' in White Rim ss.

Plan to hold well for observation and monitoring of any fluid in hole.

18. I hereby certify that the foregoing is true and correct
SIGNED Jim Williams TITLE President DATE September 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

814

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' fw1 & 3630' fs1, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* (other)	<input checked="" type="checkbox"/>		<input type="checkbox"/>

5. CASE
A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
----- RECEIVED

8. FARM OR LEASE NAME
Shields Federal SEP 13 1982

9. WELL NO. D & G CONS. COMM.
#1-19

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH
Coconino

13. STATE
Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to loss of stabilizer, hammer and bit in hole @ 420', the SF #1-19 is planned for early abandonment. There were no R/A or electric logs taken. Well samples will be filed with the State of Arizona in accord with regulations.

Request approval for abandonment of the SF #1-19 on or about Wednesday, September 16, 1982 while rig is on location.

18. I hereby certify that the foregoing is true and correct

SIGNED Joseph Shields TITLE President DATE September 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

814

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FWI & 3630' FS1, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Update	<input type="checkbox"/>	<input type="checkbox"/>

5. LEASE
A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
----- RECEIVED SEP 13 1982 -----

8. FARM OR LEASE NAME
Shields Federal CONS. COMM.

9. WELL NO.
#1-19

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH
Coconino

13. STATE
Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SF #1-19: Spud 8/31/82. TD 420'. Could not free hammer drill. Backed off dp one joint above drill stabilizer @ 380'. Could not wash over fish. Will plug and abandon well. Have drilled offset as advised and approved by telephone. New alternate well, SF #1-19A, is located 100 feet North 30° West of original survey point.

See SF #1-19A Sundry Notice.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE President DATE September 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

814

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FWI & 3630' FSI, Sec 19
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

5. LEASE
A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
RECEIVED

7. UNIT AGREEMENT NAME
SEP 8 1982

8. FARM OR LEASE NAME
Shields Federal G&S CONS. COMM.

9. WELL NO.
#1-19

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E G&SRBM

12. COUNTY OR PARISH | 13. STATE
Coconino | Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Update</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded at 3:30 P.M., Tuesday, August 31 - Jim Williams Well Drilling, Skull Valley, Arizona. Drilled 8 5/8" hole to 40'. Observed live tarry oil below 21' in cuttings. Skidded rig 12' N leaving original hole for observation, and spudded the SF #1-19 at 8:30 A.M. on Wed., September 1. Drilled 8 5/8" hole and sampled every foot to 40'. There were shows 1 foot to 30'. Brown-black cut in solvent. Good odor. Good fluorescence. Tar soft and sticky. Ran and cemented 7" casing the 40' with 5 sx cement. Drilled out and drilled ahead with 6 1/2" Hammer Drill and air. Hit some water at 110', source unknown. Dried hole, drilling ahead to 400'. Lost circulation. Continued drilling to 410' - bit stuck. Working to free drill pipe.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE President DATE September 3, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY O & G CONS. COMM.

AUG 27 1982

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 330' FWI & 3630' FSI of Sec 19,
AT TOP PROD. INTERVAL: same T41N-R1E
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
A-10457

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shields Federal

9. WELL NO.
#1-19

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 19, T41N-R1E, G&SRBM

12. COUNTY OR PARISH | 13. STATE
Coconino | Arizona

14. API NO.
02-005-20023

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5025'

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Prep to Spud</u>	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Shields Federal #1-19 is scheduled to be spudded on or about Wednesday, September 1, 1982 and following the drilling of the SF #11-24. Jim Williams will be Drilling Contractor. Jay Shields can be reached after August 27, @ Parry's Lodge, Kanab, Utah, 801/644-2601.

18. I hereby certify that the foregoing is true and correct

SIGNED Jay Shields TITLE President DATE August 24, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

814

Form 9-311C
(May 1963)

RECEIVED

AUG 4 1982

O & G CONS. COMM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved
Budget Bureau No. 42-R1425.

7-20-82
Copy sent to BLM AZ State Dist.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER Wildcat SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 Bellino Drive
Pacific Palisades, CA 90272

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
330' from West line and 3630' from South line of
At proposed prod. zone Section 19, T41N-R1E, G&SRBM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
12 miles East of Fredonia, Arizona

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
4290' North to LL
330' to DUL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1470' SW to SF #8-24

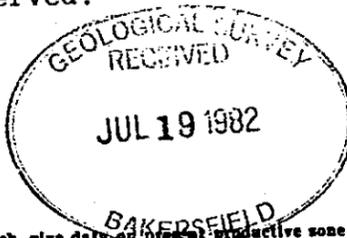
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5025' GR

5. LEASE DESIGNATION AND SERIAL NO.
A-10457
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Shields Federal
9. WELL NO.
1-19
10. FIELD AND POOL, OR WILDCAT
Wildcat
11. SEC., T., R., W., OR BLK. AND SURVEY OR AREA
19, T41N-R1E, G&SRBM
12. COUNTY OR PARISH
Coconino
13. STATE
Arizona

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	7"	14#	40'	15sx (to surface)
6 1/2"	4 1/2"	10.5#	400 - 480'	75sx (est.)

Drilling will be done with air. A 10 1/2" hammer drill will be used to 40' where 7" casing will be run and cemented. A 6 1/2" hammer drill will then be used to TD. Open hole testing is planned with continuous monitoring of the returns at the blowout line. While there was no observed pressure in the SF-1-24 or the SF-6A-24 Wells during drilling, there will be a stand-by water supply available and a 4" line carrying returns away from the rig site. If indicated, well will be completed as proposed. All State and Federal Regulations will be observed.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Jay Shields TITLE President DATE July 16, 1982

PERMIT NO. 874 APPROVAL DATE _____

APPROVED BY J. P. Wagner TITLE Dist. Supervisor DATE 7-30-82

CONDITIONS OF APPROVAL, IF ANY: J. P. Wagner
CC: DMM, O & G, Western Region
Oil & Gas Conservation Commission
Phoenix, Arizona
MHS, J. Stout, Ely, Nevada

SEE ATTACHED CONDITIONS AND REQUIREMENTS

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:
SERIAL No.: A 10457 and A 13137

and hereby designates

NAME: SHIELDS EXPLORATION COMPANY
ADDRESS: 320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

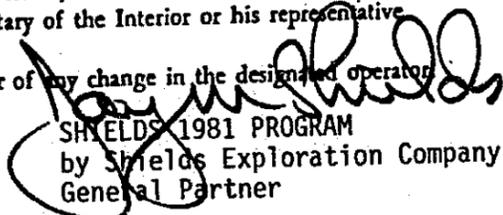
A 10457 T41N- R1W
Sec. 23, E $\frac{1}{2}$; Sec. 24, A11; Sec. 25, A11; Sec. 26, E $\frac{1}{2}$.
T41N - R1E
Sec. 19, Lots 1,2,3,4 and E $\frac{1}{2}$ W $\frac{1}{2}$; Sec. 30, Lots 1,2,3,4 and E $\frac{1}{2}$ W $\frac{1}{2}$;
Containing 2558.12 acres, Coconino County, Arizona

A13137 T41N - R1W
Sec. 26, NW $\frac{1}{4}$; Sec. 27, NE $\frac{1}{4}$; Sec. 22, E $\frac{1}{2}$
Containing 640 acres, Coconino County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


SHIELDS 1981 PROGRAM
by Shields Exploration Company,
General Partner

by Jay M. Shields, President
(Signature of lessee)

July 15, 1982
(Date)

320 Bellino Drive, Pacific Palisades, CA 90272
(Address)

RECEIVED

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER AUG 5 1982

APPLICATION TO DRILL

RE-ENTER OLD WELL OIL & GAS CONS. COMM.

SHIELDS EXPLORATION COMPANY

NAME OF COMPANY OR OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CALIFORNIA 90272

Address City State

JIM WILLIAMS WELL DRILLING

Drilling Contractor
P. O. BOX 102 SKULL VALLEY ARIZONA 86338

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor
FEDERAL #A-10457 Well number
Shields Federal #1-19 Elevation (ground)
5025'

Nearest distance from proposed location to property or lease line:
4290 N feet Distance from proposed location to nearest drilling, completed or applied-for well on the same lease:
1470 SW feet

Number of acres in lease:
2558.12 Number of wells on lease, including this well, completed in or drilling to this reservoir:
seven

If lease, purchased with one or more wells drilled, from whom purchased: Name Address

Well location (give footage from section lines)
330' from W & 3630' from S lines Section-township-range or block and survey
19 41N 1E G&SRBM SW/4W Dedication (Comply with Rule 105)
80 Acres (see plat)

Field and reservoir (if wildcat, so state)
Wildcat County
Coconino

Distance in miles, and direction from nearest town or post office
12 Miles East of Fredonia, Arizona

Proposed depth:
500' Rotary or cable tools
Rotary Approx. date work will start
August 15, 1982

Bond Status On file Organization Report
Amount \$25,000 On file Or attached Attached Filing Fee of \$25.00

Remarks:
Plan to drill to approximately 500' using 6 1/2" Hammer Drill with Air to TD. Open hole testing is planned with continuous monitoring of the returns at the blooie line.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the

SHIELDS EXPLORATION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

August 1, 1982

Date

Permit Number: 814

Approval Date: 8-5-82

Approved By: R. A. Yama

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Form No. 3

(Complete Reverse Side)

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____. If answer is "yes," Type of Consolidation Limited Partnership
- If the answer to question four is "no," list all the owners and their respective interests below: P/N 814

Owner SHIELDS 1981 PROGRAM (SHIELDS EXPLORATION CO.-OPERATOR)	Land Description NW SW NW Section 19 T41N - R1W ^{R1E} Coconino County, Arizona
--	---

<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Shields Federal #1-19 Elevation <u>5025</u></p> </div>	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p style="text-align: center;"><i>Day M. Shields</i></p> <p>Name <u>Day M. Shields</u></p> <p>Position <u>President</u></p> <p>Company <u>Shields Exploration Co.</u></p> <p>Date <u>8/1/82</u></p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed <u>7-2-82</u></p> <p>Registered Professional Engineer and/or Land Surveyor <i>Philip L. Drake</i></p> <p>Certificate No. <u>2.5. 4876 UT</u></p>
--	--

PROPOSED CASING PROGRAM							
Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement	Type
7"	15#	K-55	Surf	40'	40'	15	Class A Halliburton
4½" (if required for production)	10.5#	K-55	Surf	450'±	TD to Surf	75	



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: SHIELDS EXPLORATION COMPANY
(OPERATOR)

to drill a well to be known as

1-19 FEDERAL
(WELL NAME)

located 330' FROM WEST LINE & 3630' FROM SOUTH LINE (SW NW)

Section 19 Township 41 NORTH Range 1 EAST, COCONINO County, Arizona.

The 8/2 OF NW/4 of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 5th day of August, 19 82.

OIL AND GAS CONSERVATION COMMISSION

By R. G. Stanton
EXECUTIVE SECRETARY

PERMIT N^o 814

RECEIPT NO. 2292
API NO. 02-005-20023

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

SHIELDS EXPLORATION CO.

320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

Re: Plugging Records

Wells SF 1-19A, 2-19, (814)
6A-24, 11-24, & 1-23

Mr. Dan Brennan, Secretary
Arizona Oil and Gas Conservation Commission
5150 North 16th Street - Suite B-141
Phoenix, Arizona 85016

Dear Mr. Brennan:

Attached are the Records for the Wells which we have plugged
on February 5 & 6. 1190

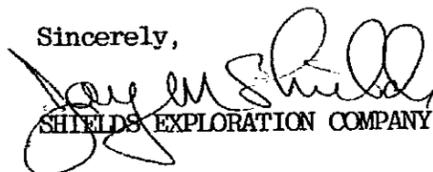
Fortunately, there was a window in the weather during the
period from our arrival on Feb. 3rd to departure on the 8th.
Sorry that you or Mr. Rauzi were unable to be there for the
proceedings. Mr. Haas and Ms. Roberts of the BLM came up and
observed the procedures, Mr. Haas for the 3 days and Ms Roberts
during the plugging of the three open holes.

There were no problems. The cement transit trucks arrived on
schedule and the wet sand and gravel went downhole very nicely.
It's a good method especially in shallow and fractured rock.
The cement plugs worked fine, being handled by an expert water
well driller with a pick-up truck, hose and pump.

The cased holes, 2-19 & 6A-24, presented no problems especially
with Dowell-Schlumberger on hand. Expensive but got job done.
Used a gismo built by our welder to block the hole for surface
plug on 2-19. Plate attached to a heavy wire did the job.
On 6A, since Dowell had brought plenty of cement, I decided to
cement in the whole works so we gave the well 54 sax from TD at
491' to the surface.

Ms. Roberts from St. George examined all well sites and we have
that end of the job in hand. Will seed later in the spring.

Sincerely,


SHIELDS EXPLORATION COMPANY



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

February 7, 1990

Jay M. Shields
Shields Exploration
320 Bellino Drive
Pacific Palisades, CA 90272

RE: Shields Federal No. 1-19A, State Permit No. 814
Shields Federal No. 1-23, State Permit No. 816
Shields Federal No. 11-24, State Permit No. 817
Shields Federal No. 6A-24, State Permit No. 775

Dear Mr. Shields:

Enclosed are the approved Application to Plug and
Abandon for the referenced wells.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Specialist

copies to Mr. Ybarra 816, 817, 775, 853, 814, 859

SHIELDS EXPLORATION CO.
320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

Mr. Dan Brennan
Secretary, Arizona Oil and Gas Conservation Comm.
3110 North 19th Avenue Suite 190
Phoenix, Arizona 85015

Dear Mr. Brennan:

In reply to Rudy Ybarra's letter of July 22nd and with reference to recent telephone conversations with you and Mr. Ybarra concerning the abandonment of additional shallow Wells drilled by Shields Exploration Company on the White Sage Prospect, we have checked our records and enclose a Well Location Map showing the status of each Well. Listed below are the Wells and our plans for the shallow ones that have not yet been abandoned.

Our records indicate that the Travis Federal 1-24 and the Shields Federal #1-24, #2-24, #4-24, #5-24 and the #1-19 are P&A. The record does not confirm the status of the #1-23 and it will be checked on site.

The Shields Federal #11-24 and #6A-24 have been kept in the Temporary Abandonment category pending final analysis and decisions regarding the results of the deepening of the #1-19A Well (Feb 1988). We will now plan to abandon the #11-24 and the 6A-24 and, if not already officially abandoned, the #1-23 at such time as we next commence operations on the White Sage Lease.

It is most important to our present and future plans to maintain the Shields Federal #2-19 and #11-24 Deeper Tests in their current shut-in status.

I would like to take this opportunity to thank you, Mr. Ybarra and the Oil and Gas Commission for the help and cooperation provided down through the years. We look forward to a successful conclusion recognizing that the finding of commercial oil on the Frontier is important to us all.

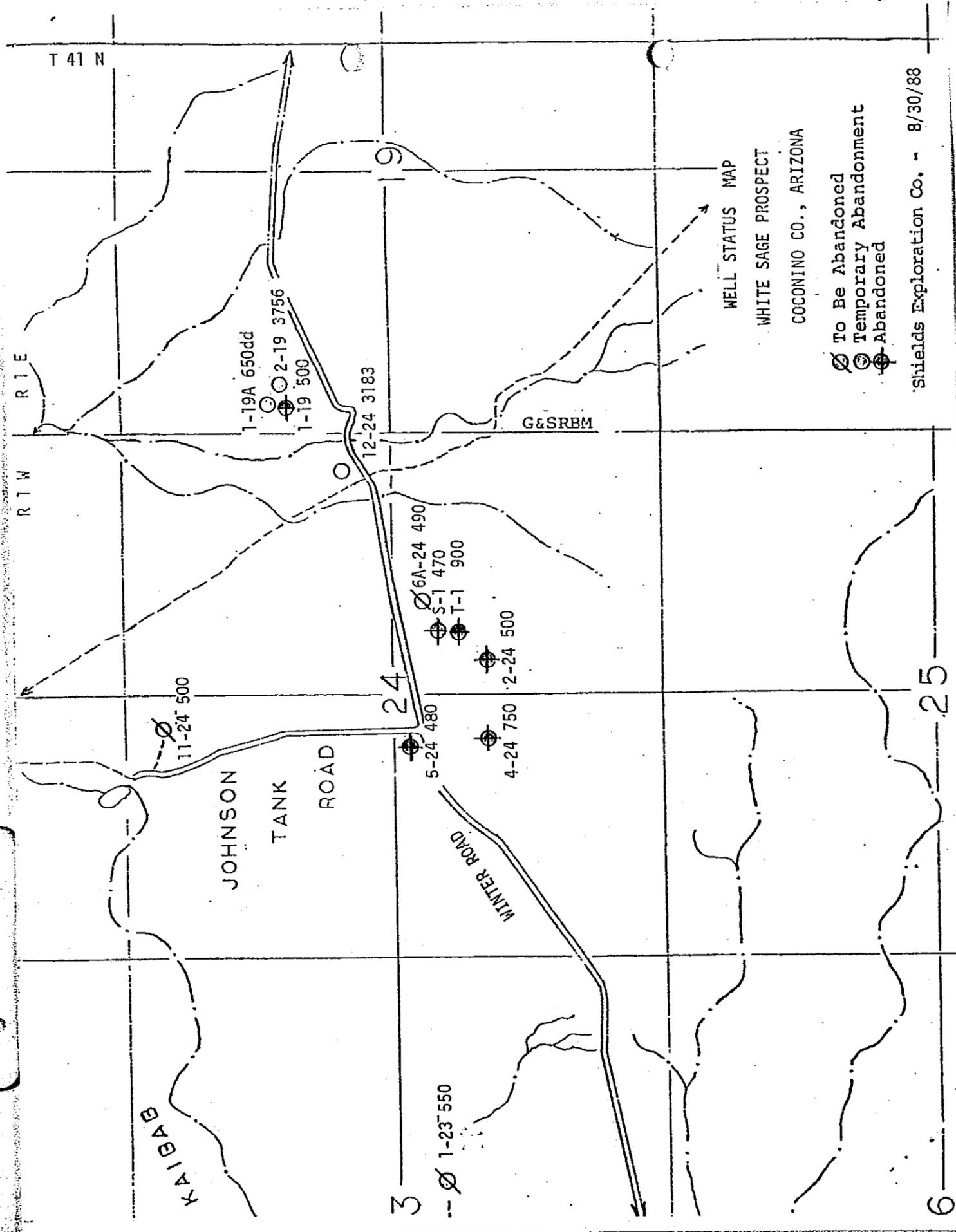
Sincerely,

Jay M. Shields

Jay M. Shields

Enc: Well Location Map - White Sage Prospect

	Well #	Permit #	
Shields	1-24	715	2-19 853
Travis	1-21	703	12-24 -859
Shields	2-24	771	
"	4-24	772	
"	5-24	774	
"	1-19	858	
"	1-23	816	
"	11-24	817	
"	6A-24	775	



WELL STATUS MAP
WHITE SAGE PROSPECT

COCONINO CO., ARIZONA

- ⊙ To Be Abandoned
- ⊗ Temporary Abandonment
- ⊕ Abandoned

Shields Exploration Co. - 8/30/88

K A I G A B

JOHNSON
TANK
ROAD

WINTER ROAD

R 24 W

T 41 N

3

6

24

25

SHIELDS EXPLORATION CO.
320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

JAN 25 1988

GEOLOGICAL SURVEY

January 20, 1988.

Mr. Rudy Ybarra
Oil and Gas Conservation Commission
State of Arizona
3110 North 19th Street Suite 190
Phoenix, Arizona 85015

Ref: Sundry Notice
Deepen SF #1-19A Well
500' to 650'

Dear Mr. Ybarra:

With regard to our Telephone conversation this morning, I am enclosing 2 copies of your SUNDRY NOTICE Form #25 to advise of our plans to deepen the SF #1-19A from present TD of 500' to 650' for the purpose of testing the Permian Toroweap formation below 620'. See Notice for details.

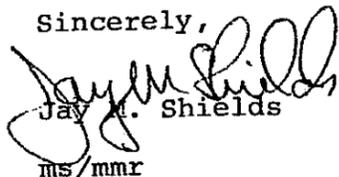
It is understood that we are to submit a Recompletion Form #4 after the work on the subject Well is finished. We plan to commence operations on or about February 28th and intend to be drilling on March 1st. Drilling will be done with a Schramm Rig similar to the Williams Drilling Rig used in our early shallow well drilling. The bit will be a 6 1/4" hammer drill. For testing, we plan on using a cable tool rig which has a bailer. Completion will depend on any oil discovered.

We will observe all Rules and Regulations and keep your office posted by telephone and Sundry Notice. Please let us know if you or Mr. Brennan will be present during drilling. We can reserve accommodations for you in Kanab. Parry's Lodge may not be open. If not, we will headquarter at the Red Hills Motel - Telephone (801) 644-2675.

We have filed for a Permit from the BLM at St. George, Utah. Cloyd Swapp has retired to Kanab and his replacement is a knowledgeable gentleman, Mr. John Branch.

All good wishes for the new year to you, Mr. Brennan and the Staff.

Sincerely,


Jay M. Shields

ms/mmr

Encl: SUNDRY NOTICE - Deepen SF #1-19

SHIELDS EXPLORATION CO.
320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

117 814
RECEIVED
OCT 18 1983
O & G CONS. COMM.

October 14, 1983

Mr. Rudy Ybarra
Oil and Gas Conservation Commission
State of Arizona
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Dear Rudy:

I understand from Bob West that you and AK were up in Fredonia a short while ago just after we left. Sorry to have missed you and sorry to hear that the Brooks Well didn't find anything.

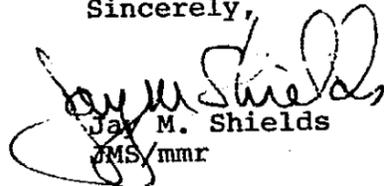
We were up at our lease primarily to bail the shallow wells. Results are attached. We will now have to bite the bullet and go about abandonment procedures. I had hoped that we would see a little oil after fracing. Would you please send me a batch of the necessary abandonment forms?

The shallow well data has also been sent on to the BLM in St. George together with water samples of the #1-23, #11-24 and #1-19A wells. The other wells were frac'd and fluid is still strongly acid.

Did you see the Article in the September Issue of the Oil and Gas Investor? Sure a lot of smoke with no fire. Maybe 1984 or ?

Very best to you both. Will keep you advised and hold kind thoughts.

Sincerely,


Jay M. Shields
JMS/mmnr

Enclosures: Bailing Redord
cc Oil & Gas Investor Magazine article

Shiele -

I sent the requested forms on 10/26/83

SHIELDS EXPLORATION CO.

320 BELLINO DRIVE
PACIFIC PALISADES, CA 90272
PHONE (213) 459-2490

RECEIVED

OCT 18 1983

O & G CONS. COMM.

October 14, 1983

INTERIM REPORT
WHITE SAGE PROSPECT - COCONINO COUNTY, AZ

Existing shallow wells, all drilled by Air-Hammer, were bailed on September 26, 1983. Results were as follows:

- SF #2-24 - Spud 11/11/81. TD 500'. PBD 480'. Cored 454'-472'. Rec 18'. Log DIL - CDL. Cmtd 4½" csg @ 430'. Acid HCl + N₂. Valve opened. Slight pressure - acid odor. Recovered bits grey ss and grey mud. No fluid.
- SF #4-24 - Spud 11/19/81. TD 750'. PBD 475'. Cored 445' - 460' and 731' - 750'. Rec 34'. Log DIL - CBL. Cmtd 4½" csg @ 426'. 4½" Bull Plug opened. Weak blow. Odd odor, slightly acidic. Recovered small amount blk sludge. No fluid.
- SF #5-24 - Spud 11/4/81. TD 480'. Cored 453' - 462'. Rec 9'. Log DIL - CDL. Cmtd 4½" csg @ 434'. Acid HCl + N₂. Valve was open. No pressure. S and acidic odor. Recovered cloudy, acidic water. Approx 10' water in hole.
- SF #6A-24 - Spud 12/1/81. TD 490'. Cored 465' - 473'. Rec 8". Log DIL - CDL. Cmtd 4½" csg @ 434'. Acid HCl + N₂. Valve was open. No pressure. No odor. Recovered clear, acidic water. Top water 400' + or -.
- SF #11-24 - Spud 8/28/82. TD 540'. Cmtd 7" csg @ 40'. Hole open to TD. Sampled. Not logged. Plate - no valve. No pressure. No odor. Recovered several cans light tan water. Slight S odor. Top water 450' + or -.
- SF #1-23 - Spud 9/14/82. TD 550'. Cmtd 7" csg @ 55'. Hole open to TD. Sampled. Not logged. Plate. No valve. No odor. Top water @ approx 400'. Recovered lite tan water, earthy odor.
- SF #1-19 - Spud 8/30/82. TD 420'. Drill stuck. Abandoned hole. Sampled. Not logged. Marked with 4' = 4½" pipe. P & A 9/13/82.
- SF #1-19A - Spud 9/7/82. TD 500'. Cmtd 7" csg @ 40'. Hole open 100'N 30°W to TD. Sampled. Not logged. Plate. No valve. Small Offset to amt. fluid @ TD. Top approx. 490'. Recovered lite SF #1-19. greyish water with oily odor.
- SF #1-24 - TD 482'. P&A 12/30/81.
- TF #1-24 - TD 900'. P&A 9/13/82.

August 6, 1982

Mr. J. M. Shields
Shields Exploration Co.
320 Bellino Dr.
Pacific Palisades, CA 90272

Re: Permit 814, Shields 1-19 Federal
Permit 815, Shields 1-22 Federal
Permit 816, Shields 1-23 Federal
Permit 817, Shields 11-24 Federal

Dear Mr. Shields:

Enclosed are approved application for permit to drill, permit,
and receipt for each of the above referenced wells.

If we can be of further service, please advise.

Sincerely,

R. A. Ybarra
Enforcement Director

/os
Enc.

SHIELDS EXPLORATION COMPANY
320 Bellino Drive
Pacific Palisades, California 90272
(213) 459-2490

RECEIVED

AUG 5 1982

D & G CONS. COMM.

August 2, 1982

Mr. A. K. Doss, Secretary
Arizona Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: *F/S/814* SHIELDS FEDERAL #1-19, T41N-R1E, Coconino Co., AZ
SHIELDS FEDERAL #1-23, T41N-R1W, Coconino Co., AZ
SHIELDS FEDERAL #1-22, T41N-R1W, Coconino Co., AZ
SHIELDS FEDERAL #11-24, T41N-R1W, Coconino Co., AZ

Dear Mr. Doss:

I would like to make formal requests for four (4) Drilling Permits for four (4) wildcat wells, the Shields Federal #1-19 to be drilled for oil in Section 19, T41N-R1E, and the Shields Federal #1-22 in Section 22, the Shields Federal #1-23 in Section 23, and the Shields Federal #11-24 in Section 24 - all in T41N-R1W, all in Coconino County, AZ.

In accordance with requirements of the Commission, I enclose the following forms and documents:

1. Shields Federal #1-19, #1-22, #1-23 and #11-24
 - a) Application for Permit to Drill including Survey Plat of Location by Phil Drake, R.L.S., Utah for the Shields Federal #1-19, #1-22, #1-23 and #11-24
 - b) Designation of Operator - SF #1-19, #1-22, #1-23, #11-24
 - c) Organization Reports - SF #1-19, #1-22, #1-23, #11-24
 - d) 4 Checks for filing fee (\$25.00 each) - SF#1-19, #1-22, #1-23, #11-24

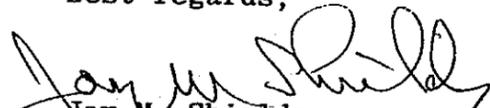
On file in your office is a Performance Bond for \$25,000.

All of the above applications have been filed with John Wagner, USGS, Bakersfield, CA. I hope to get underway late August. I will be going down dip on these wells looking for permeability. The chances are excellent. How about coming up again when we drill through the zone?

I hope the well up Whittman way came through. Let me know if I can help.

Thanks for your good help and cooperation.

Best regards,


Jay M. Shields
JMS/mm

Enclosures: For Shields Federal #1-19, #1-22, #1-23, #11-24

- cc (2 each) Application for Permit to Drill and Survey Plats
- cc (2 each) Designation of Operator
- cc (1 each) Organization Report
- Check for \$25.00 Filing Fee (1 each)

Total Enclosures: 32 (7 for each wellsite plus 4 checks)

SHIELDS 1981 PROGRAM
PACIFIC PALISADES, CA

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

DELUXE FORM WVC-3 V-2

DATE	DESCRIPTION	AMOUNT
8/1/82	Arizona Oil & Gas Conservation Commission / Ck #301: Filing Fee for Shields Federal #1-19 P/N 814 R/N 2292	\$25.00

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual

SHIELDS EXPLORATION COMPANY

Post Office Address (Box or Street Address)

320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)

CORPORATION

Purpose of Organization (State type of business in which engaged)

OIL & GAS EXPLORATION

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
JAY M. SHIELDS	PRESIDENT	ABOVE
MARGARET M. SHIELDS	SECRETARY-TREASURER	"
THOMAS L. MACLEOD	VICE-PRESIDENT	301 Bellino Drive Pacific Palisades, CA 90272

DIRECTORS NAME	POST OFFICE ADDRESS
JAY M. SHIELDS	AS ABOVE
MARGARET M. SHIELDS	"
JAY MICHAEL SHIELDS	"
NANCY ROBERTS deFARIA	1515 Lindacrest Dr., Beverly Hills, CA 90210
THOMAS L. MACLEOD	301 Bellino Dr., Pacific Palisades, CA 90272

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the PRESIDENT of the SHIELDS EXPLORATION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

Date

Jay M. Shields
8/1/82

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Organization Report
File One Copy
Form No. 1