SIMMONS #1 NAVAJO
SE SW 30-36N-27E Apache County

P-W

[redacted]

CONFIDENTIAL

Release Date 7-10-68

sl

COUNTY Apache AREA 1 mi SW Round Rock LEASE NO. Nav. 14-20-0603-8841

WELL NAME D.G. SIMMONS et al #1 NAVAJO

LOCATION SESW SEC 30 TWP 36N RANGE 27E FOOTAGE 600 FSL 1869 FWL

ELEV 5394 GR 5404 KB SPUD DATE 10-10-67 STATUS ~~COMP. DATE 1-10-68~~ TOTAL DEPTH 3313

Re-abandoned 3-14-98

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH
10 3/4	235	200 SK	
4 1/2	2605	200 SK	

DRILLED BY ROTARY x
DRILLED BY CABLE TOOL
PRODUCTIVE RESERVOIR
INITIAL PRODUCTION P&A

FORMATION TOPS	DEPTHS	SOURCE L.L.	SOURCE E.L.	REMARKS
Chinle	Surf	x	x	
DeChelly	233'			
~~Organ Rock~~	~~1045'~~			
Hermosa	1970'			
Molas	2565'			
~~Miss.~~	~~2600'~~			
Ouray	2785'			
Elbert	2880'			
~~McCracken~~	~~3100'~~			
Aneth	3190'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS
Gamma-Collar Perforation Record, IE, Acoustic ~~VElocity, Fracture Finder~~	2404-2425'	2402-2428

SAMPLE LOG Am Strat
SAMPLE DESCRP.
SAMPLE NO.
CORE ANALYSIS
DSTs
Tucson 2504

REMARKS ~~Designation of operator 10-2-67. Consent of Surety: Texaco~~ Inc. & BondCompany.

APP. TO PLUG
PLUGGING REP. x
COMP. REPORT x

WATER WELL ACCEPTED BY

BOND CO. Lumbermen's Mututal Co. BOND NO. 5 S181275

BOND AMT. $ 25,000 CANCELLED DATE ORGANIZATION REPORT

FILING RECEIPT 9523 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-001-20059 DATE ISSUED 10-23-67 DEDICATION E/2 SW/4

PERMIT NUMBER 435

CONFIDENTIAL

(over)

Release Date 7-10-68

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well [X] Work-Over [ ] Deepen [ ] Plug Back [ ] Same Reservoir [ ] Different Reservoir [ ] Oil [ ] Gas [ ] Dry [X]

DESCRIPTION OF WELL AND LEASE

Operator: D. J. Simmons, et al	Address: 3590 McCart St. Ft. Worth, Texas
Federal, State or Indian Lease Number or name of lessor if fee lease: (File No. A-1040) - Contract No. 14-20-0603-8841	Well Number: 1
Field & Reservoir: Wildcat	
Location: 660 Feet North of the South line & 1869 Feet East of the West line	County: Apache (Arizona)
Sec. TWP-Range or Block & Survey: Sec. 30 - Twp. 36N - R 27E.	

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
10-10-67	10-24-67	11-2-67	5404.4 KB	5396.5

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
3313		Single	

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
2402 - 2428 Hermosa (Penn.)	0 to 3313 T.D.	None

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
No			

Type of electrical or other logs run (check logs filed with the commission)	Date filed
Induction-Electric, Gamma-Acoustic, Micro-Seismogram	Nov. 1967

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	13 3/4"	10 3/4"	32.75	235	200	None
Production	7 7/8"	4 1/2"	9.50	2605	200	None

TUBING RECORD

Size	Depth set	Packer set at
2 in.	2558 ft.	- ft.

LINER RECORD

Size	Top	Bottom	Sacks cement	Screen (ft.)
- in.	- ft.	- ft.	-	-

PERFORATION RECORD

Number per ft.	Size & type	Depth Interval
4/ Ft.	MK-1 Jet	2404 - 2425

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Am't. & kind of material used	Depth Interval
500 Gal. 15% HCl	2404 - 2425
5000 Gal. 28% HCl	2404 - 2425

INITIAL PRODUCTION

Date of first production	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)
11-12-67	Pump (1½" Rod pump)

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
11-12-67 to 11-29-67		None	Trace bbls.	Trace to none MCF	Trace to none bbls.	? 30° API (Corr)

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil	Gas	Water	Gas—oil ratio
None	None		Trace bbls.	- MCF	- bbls.	-

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Supt. & Geologist of the D. J. Simmons, et al (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.

Jan. 11, 1968
Date

Ashton B. Geren, Jr.
Signature

RECEIVED JAN 15 1968 STATE O & G CONS. COMM.

No. 435
Permit No.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
File One Copy
Form No. 4

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Chinle	Surf.	233	Red & Gray shale with some red mg sand.
De Chelly	233	1045	Mostly white fine grain sand becoming red near base.
Organ Rock	1045	1970	Mostly red siltstone.
Hermosa (Penn.)	1970	2565	Buff to cream colored limestone.
Molas "	2565	2600	Red, gray & green shale with occ. limstone
Miss.	2600	2785	White OOlitic limestone.
Ouray	2785	2880	White & buff lime, part Oolitic.
Elbert	2880	3100	Tan dolomitic lime.
McCracken	3100	3190	White fine grain sand
Aneth	3190	3313 T.D.	Dense cream OOlitic limestone.
			Note: Fair odor & Fluorescence in 2420 - 30 sample. Good Cut in light stained, buff to light tan, moderately soft lime. Poor pin-point porosity. Hermosa (Penn.)

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

Form 3160-5
(June 1990)

RECEIVED
BLM
98 MAR 17 PM 12: 23
FARMINGTON, NM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT---" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
14-20-0603-8841

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA, Agreement Designation

1. Type of Well
x Oil ☐ Gas ☐ Other

8. Well Name and No. 7IN 435
Navajo 1

2. Name of Operator
D.J. Simmons Co.

9. API Well No.
0200120059

3. Address and Telephone No.
3005 Northridge Dr. Suite L, Farmington NM 87401 (505) 326-3753

10. Field and Pool, or Exploratory Area
Wildcat

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL x 1869' FWL, Section 30, T36N, R27E

11. County or Parish, State
Apache County, Arizona

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	X Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
X Subsequent Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
☐ Final Abandonment Notice	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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 depth for all markers and zones pertinent to this work.)*

Plugged and abandoned above mentioned well as per attached reports.

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

Signed Robert R. Griffee Title Consulting Engieer Date: 3/16/98
Robert R. Griffee Smm 3/24/98

(This space for Federal or State office use)

Approved by Duane Spencer Title Team Lead Date 3/24/98
Conditions of approval, if any:

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.

*See Instruction on Reverse Side

MAR 25 1998
ARIZONA GEOLOGICAL SURVEY

INFORMATION COPY

Navajo 1 – Plugging and Abandonment Reports

3/10/98 – Humbert Fierro

MIRU Big A 31. Broke out swagge in well head.

3/11/98 – Humbert Fierro

Notified Linda Taylor - BIA, Mike Flaniken – BLM, and Ms. Gail Leslie-Bob – Navajo Minerals of operations. NU Spool and BOPE. PU bit, casing scraper, and four 3 1/16" dc's. Drilled out surface plug to 150'. Started circulating through braden head at 90' – holes in 4 ½" casing. RIH and tagged at 2560. Rolled hole. POOH. SDFN.

3/12/98 – R. Griffee

RU Blue Jet. Ran CBL from 2557 to 1500' and from 200' to surface. Note; perforations were reported as 2404 to 2425', no cement across perfs. Top of cement at 1725'. Could be some cement at 170' +/-. Perforated 2 squeeze holes at 1700'. PU test packer and RIH. Set pkr at 1750'. Attempt to establish circulation through Braden head. Perforation interval 2404 – 2425' took fluid, could not circulate through Braden head, pumped into perfs. TOH. PU cement retainer. TIH set retainer at 1750'. SDFN.

Note: Discussed P&A with Steve Mason BLM.

3/13/98 – R. Griffee

RU BJ. Establish rate under cement retainer set at 1750', into perforation interval 2404 – 2425' of 2 bpm at 800 psi with water. Mixed 60 sks class 'b' neat at 15.6 ppg. Squeezed under retainer at 1.4 bpm and 900 psi. Stung out of retainer. POOH. PU test packer. TIH to 1685, set packer. Establish circulation through squeeze holes at 1700', 2 bpm and 500 psi. POOH with packer. PU retainer. TIH and set cement retainer at 1685'. Squeeze 4 ½" csg x 7 7/8" hole annulus with 400 sks of class 'b', circulated cement with 400 sks mixed. Displaced with 6.6 bbls wtr. Circulated 20 bbls cement to surface through braden head (cement also displaced water, and thick drilling mud). Stung out of retainer. Pulled up 63' (one stand). Circulated down tubing and up 4 ½" casing. Mixed mud. Spotted 8.4 ppg 45 vis mud from 1620' to surface'. POOH lay down tbg to 291'. Mixed 100 sks of cement and pumped down tbg. Filled up inside of 4 ½ casing, and through holes in casing filled up 4 ½ x 10 ¾ annulus. Circulated good slurry to surface. Cementing operations complete at 3:00 pm 3/13/98. Operations witnessed by Johnny Bennet, Navajo Minerals, and Jose Sanchez, BLM.

3/14/98 – Humbert Fierro

Moved off rig. Installed dry hole marker. Emptied pit with vacuum truck. Filled in pit and dressed location

MAR 1998
ARIZONA GEOLOGICAL SURVEY

P/N 435

Form 3160-5
(June 1990)

RECEIVED
BLM

97 NOV 19 PM 4:29

070 FARMINGTON, NM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT---" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☑ Oil ☐ Gas ☐ Other

2. Name of Operator
D.J. Simmons, et al

3. Address and Telephone No.
P.O. BOX 1469, FARMINGTON, NM 87401 (505) 326-3753

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660 FSL, 1869 FWL, Sec. 30 – T36N, R27E

5. Lease Designation and Serial No.
14-20-0603-8841

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
Navajo #1

9. API Well No.
02-001-20059

10. Field and Pool, or Exploratory Area
Wildcat

11. County or Parish, State
Apache County, Arizona

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
☑ Subsequent Report	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
☐ Final Abandonment Notice	☐ Altering Casing	☐ Conversion to Injection
	☑ Other Re-abandonment	☐ Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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 depth for all markers and zones pertinent to this work.)*

At the request of the United States Department of the Interior, Bureau of Indian Affairs, Navajo Area Office (see attached letter dated July 18, 1997), this well will be re-abandoned by D.J. Simmons, Inc., the successor to D.J. Simmons, et al. As per the attached "Navajo 1 Plugging and Abandonment Procedure".

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

11/20/97 SMM

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

Signed [signature] Title OPERATIONS MANAGER Date 11/19/97

(This space for Federal or State office use)

Approved by [signature] Title Team Lead Date 11/21/97

Conditions of approval, if any:

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.

*See Instruction on Reverse Side

(Jimmy 8-14-98 Temp Aband doc)

MAR 1998
ARIZONA GEOLOGICAL SURVEY

P/N 435

FARMINGTON COPY

Navajo 1 Plugging and Abandonment Procedure

Well Name: Navajo 1
Operator: D.J. Simmons Company
Location: 660 FSL x 1869 FWL, Section 30, T36N R27E
Apache County, Az

Wellbore Data

This well was completed on 10/11/67 and P&A'd 1/10/68

Surface Casing:	10 ¾" set at 235', 13 ¾" hole diameter. Cemented to surface.
Production Casing:	4 ½" set at 2615', 7 7/8" hole diameter. Cemented with 200 sks. Cement top is unknown.
Tubing:	none in hole
Perforations:	2404 - 2425', 4 jspf. Pennsylvanian
P&A:	19 sk plug from 2317 - 2563', 1 sk at surface.

The well was purposely left to allow local Tribal members to use fresh water which flowed from the 7 7/8" x 4 ½" annulus. Small amounts of oil is now present in the flow stream. It is desired to more adequately shut off the flow and completely plug the well.

P&A Procedure

1. Flatblade location. Construct blowdown pit. Set rig anchors and test.
2. MIRU Pulling unit with pump, pit, and power swivel.
3. Lay blow down line from 2" valve on well head. Stake down line. ***Unknown well head pressure***. Open valve.
4. Nipple down well head assy and NU 2000 psi BOPE. Pressure test BOPE to 2000 psi.
5. Pick up 4 ¾" bit and 3 1/8" drill collar. Drill out surface plug. ***Unknown pressure under plug***. Insure that a 2" vent line is staked down to blowdown pit.
6. RIH with bit, drill collar, and 2 3/8" work string. Tag plug at 2317'.
7. POOH.
8. Run CBL and determine cement top.
9. Design squeeze cementing procedure to bring cement from the current top of cement to surface, in the 4 ½" casing x 7 7/8" hole annulus. Depending on actual well bore conditions, this will probably mean perforating squeeze holes, estabilishing circulation, and setting a cement retainer to squeeze under.
10. Set 25 sk cement plug inside 4 ½" casing across surface casing shoe. Place BLM spec 9 ppg mud between all plugs.
11. set 10 sk cement plug at surface.
12. Cut off well head. Weld on dryhole marker.
13. Release rig.
14. Reclaim location as per Navajo Tribal Minerals specifications.

Prepared by: R. Griffee
11/11/97

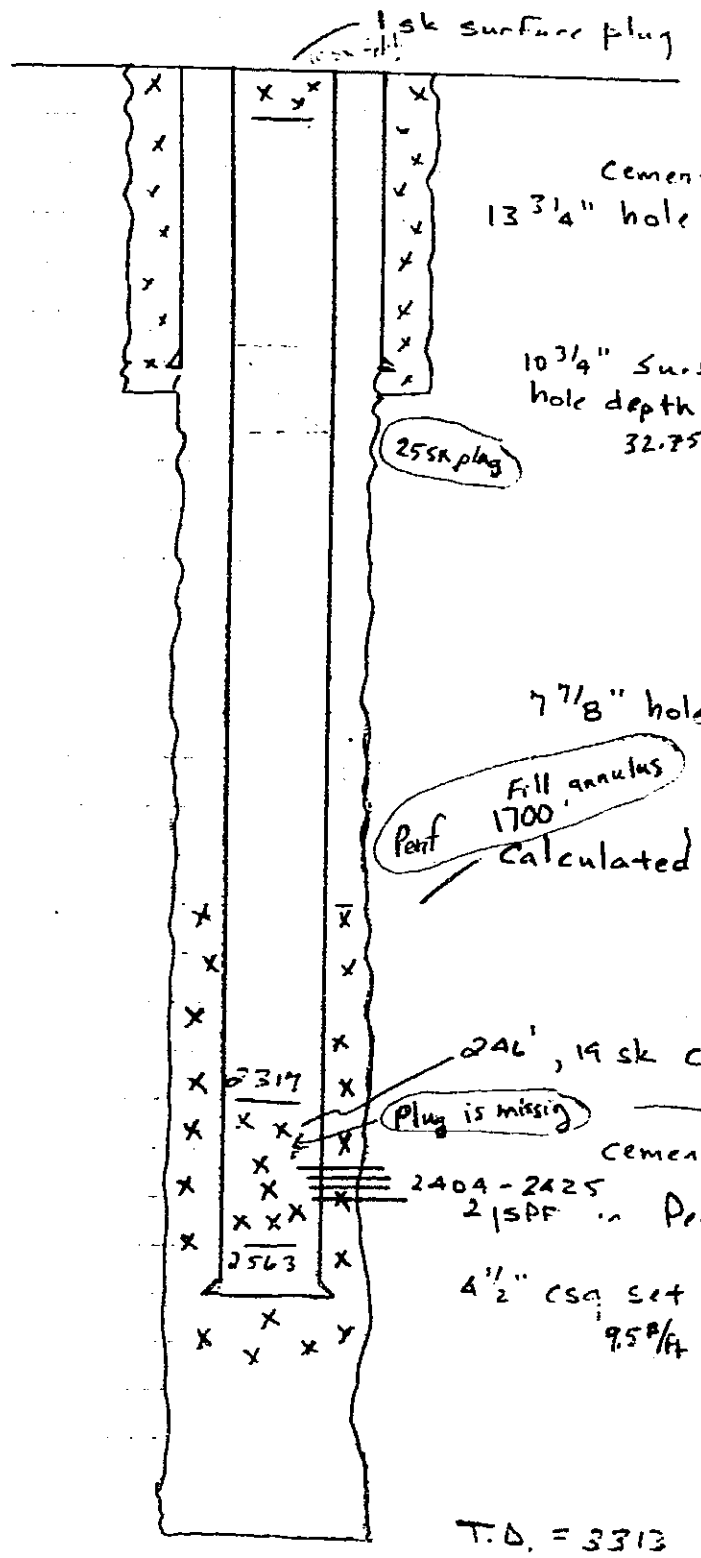
P/N 435

★ TWIN STARS LTD ★

DATE 11/11/97
BY R. Griffee
PAGE ____ OF ____

SUBJECT Navajo 1 Wellbore Schematic
660 FSL x 1869 FWL Sec 30 T36N R27E
Apache County, AZ

5394 GL 5404 RKB



Completion 10/11/68
P&A 11/10/68

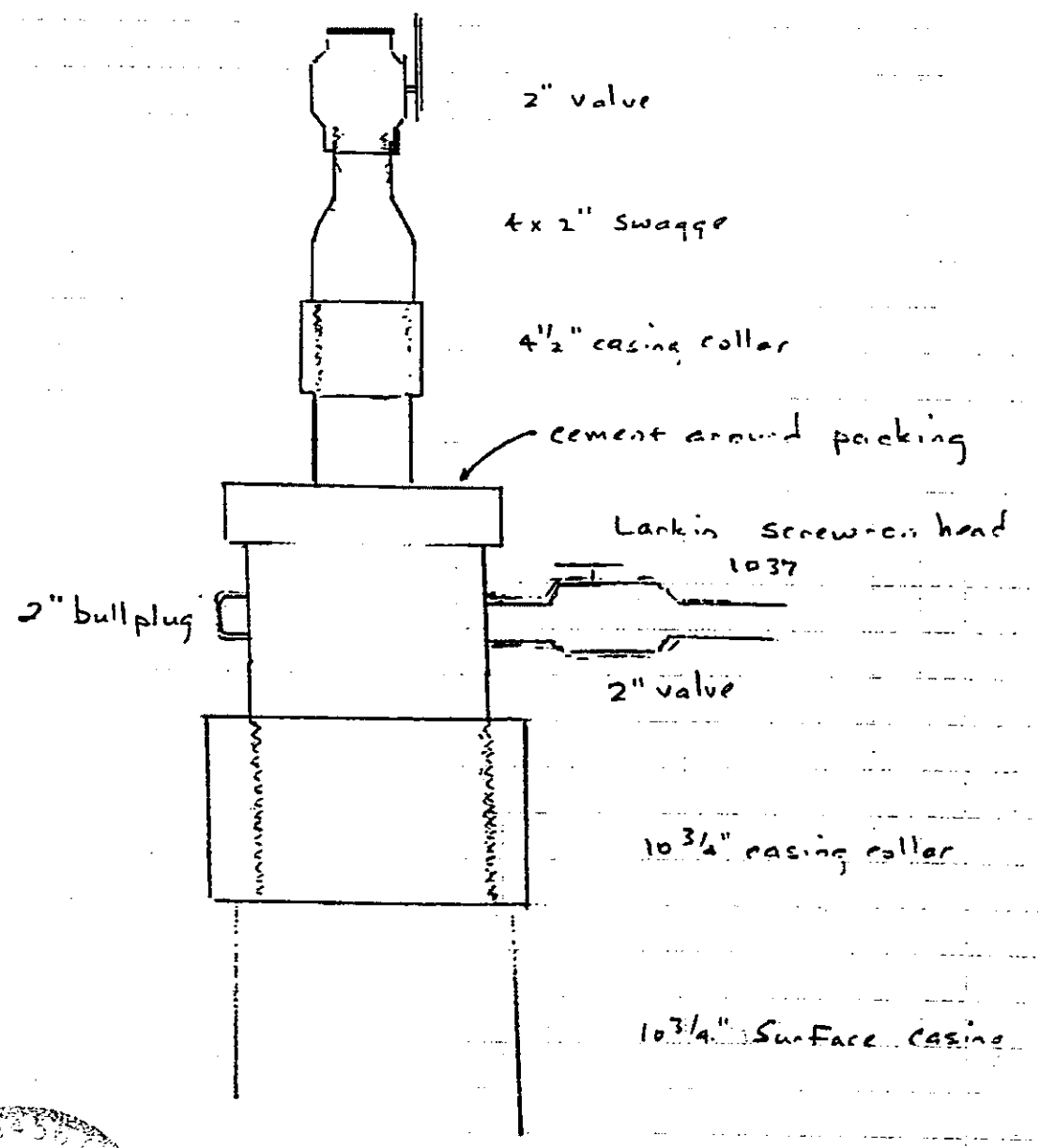
OFFICE (505) 326-3753 • P.O. BOX 1469 • 3005 NORTHRIDGE DRIVE, SUITE L
FAX (505) 327-4659 • FARMINGTON, NM 87499-1469

P/N 435

★ TWIN STARS LTD ★

DATE 11/11/97
BY R. Griffee
PAGE _____ OF _____

SUBJECT Navajo 1
Current Well head Configuration



P/N 435

ARIZONA GEOLOGICAL SURVEY

OFFICE (505) 326-3753 • P.O. BOX 1469 • 3005 NORTHRIDGE DRIVE, SUITE L
FAX (505) 327-4659 • FARMINGTON, NM 87499-1469

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

Contract No. 14-20-0603-8841 (File No. A-1040)

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 x (Dry Hole)

2. NAME OF OPERATOR: D. J. Simmons, et al

3. ADDRESS OF OPERATOR: 3590 McCart Street Fort Worth, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 660 Feet North of the South line and 1869 Feet East of the West line of Sec. 30 - Twp. 36N - R. 27E.

5. LEASE DESIGNATION AND SERIAL NO.: (File No. A-1040) 14-20-0603-8841

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: -

8. FARM OR LEASE NAME: Navajo

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec.30-Twp.36N-R27E.

12. COUNTY OR PARISH: Apache

13. STATE: Arizona

14. PERMIT NO. Oct.23,1967 State of Arizona No. 435

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5394 Gr. 5404.4 K.B.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON*	✓
REPAIR WELL	☐	CHANGE PLANS	☐
(Other) VERBAL 11-6-67			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
(Other)			

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

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 above described well has been adequately tested in the Pennsylvanian (Hermosa) zone which was perforated from 2404 to 2425 with 4 shots per foot and acidized twice, first with 500 gallons of 15% HCl and finally with 5000 gallons of 28% HCl. After each acid job the well was pump tested and found to be non-productive of oil, gas, or water. Only a trace of heavy oil was recovered with the acid water and finally diminished to none. Apparently the zone is too tight to be productive and no other zone in the well merits testing.

Therefore, on January 10, 1968 the well was plugged and abondoned as proposed and according to U.S.G.S. requirements. No surface pipe or long-string production casing was pulled. A 246 foot (19 sack cement) plug was spotted across the perforations (Perf. 2404 - 2425). Base of cement plug 2563 - Top of plug 2317. A 10 foot (1 sack cement) plug was set at the top of the 4½ casing. All zones have been isolated and fresh water sands protected.

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

SIGNED Ashton B. Geren, Jr. TITLE Supt. DATE Jan. 11, 1968

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED STATE O&G CONS. COMM.

435

*See Instructions on Reverse Side

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator D. J. Simmons, et al

2. OIL WELL ☐ GAS WELL ☐ OTHER ☒ (Specify) Wildcat (Dry Hole)

3. Well Name Navajo No. 1

Location 660 Feet North of the South line and 1869 Feet East of the West line

Sec. 30 Twp. 36N Rge. 27E County Apache, Arizona.

File No. (A-1040)

4. Federal, State or Indian Lease Number, or lessor's name if fee lease Contract No. 14-20-0603-8841

5. Field or Pool Name Wildcat

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	X	MONTHLY PROGRESS	☐
FRACTURE TREAT	☐	DIRECTIONAL DRILL	☐	FRACTURE TREATMENT	☐	REPAIRING WELL	☐
SHOOT OR ACIDIZE	☐	PERFORATE CASING	☐	SHOOTING OR ACIDIZING	X	ALTERING CASING	☐
REPAIR WELL	☐	CHANGE PLANS	☐			ABANDONMENT	☐
(OTHER)			☐	(OTHER) and Well History			☐

(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.)

Spud: 10-10-67 @ 9:00 P.M. - Drilled 13 3/4" hole to 240 ft.

Surface: 10-11-67 Ran 10 3/4" casing set @ 235 ft. & cemented with 200 sacks (circulated to surface). Plug down @ 12:00 noon.

10-12-67 @ 3:30 A.M. pressured up surface to 600# (OK), Drilled out with 7 7/8" bit.

10-24-67 Reached T.D. of 3313 ft. @ 9:00 A.M.

10-25-67 Ran 2605 ft. of 4½" casing & cemented with 200 sacks. Plug down 11:30 A.M.

11- 1-67 Perf. Pennsylvanian 2404 -2425 with 4 shots per foot.

11- 2-67 Moving in tubing & rod rig and pumping unit. Pumped cementing water out of hole and well pumped off.

11- 5-67 Acidized with 500 gallons 15% HCl- pumped acid water off with no show of oil or gas.

11- 6-67 Started pulling tubing & rods in preparation to plug & abandoned and noticed some heavy oil staining on bottom few joint of tubing.

11-10-67 Acidized with 5000 gallons of 28% HCl and displaced with 150 bbls. of water. Immediate shutin press. 1100 psi then 900 in 15 min. well opened and flowed back ½ to 3/4 of the acid and water with no show of oil or gas. Ran 2" tubing to 2558'.

11-11-67 Finished running rods and started pumping acid water.

11-12-67 Well pumping at rate of 3 to 4 bbls. of fluid per day with 15 to 20% heavy oil. Pumped well continuously to 11-29-67 and total fluid diminished rapidly to practically none. Pay zone too tight.

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

Signed Ashton B. Geren, Jr. Title Supt. Date 12-16-67

Ashton B. Geren, Jr.

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

RECEIVED 1968 OIL & GAS COMM.

Permit No. 435

3

(13)

3210-20 — No-O No-F 1% cut oil lm. Tr. anh. tint 2% wt mg sd fred pink fg sd + 1% pink lm (Small)

3220-30 — No-O No-F 3% cut dry oil lm 5% pink sd, tr dy lbn lm. bal rd, marn & Gray Sh.

3230-40 — No-O No-F 15-20% wt dol sdy lm 2% pink lmx tr mg sd — 5% wt dry oil lm. — bal marn, purple, gn rd Sh.

3240-50 No-O No-F fred 100% wt + pink sdy lm. (No-Cut). No Gas kick

3250-60 — No-O No-F fred dn crm dol. lm. Anth.

3260 (trip) No-O Tr. min F-in 100% dn buff to crm dolo. — tr sd, purple + maroon Sh. + gyp.

3260-70 No-O No-F tr. chert fred. Buff + 5% pink dn lm w/10-20% rd + gm, marn Sh. No Gas kick

44 3270-80 No-O No-F (No-Gas kick) fred Buff to Bn dn dol-lm. Part Suc. (No cut) — tr. ch. chert.

3280-90 — No-O No-F (No-Gas kick) fred lm dolo No por.

34 3290-~~3300~~ 3295 — No-O No-F fred dn lbn lm part Suc. — (No cut) (No Gas kick)

3290-3300 No-O No-F (No Gas kick) fred dn brd lm dol-lm.

3300-005 — No-O No-F No Gas kick fred dn lm + lm pnk dol. lm. 2% Suc (No Cut)

TD. 3300-10 No-O No-F (No Cut) (No Cramat Gas kick) fred lm dn — part grainy — part Suc dol-lm (Anth) No shows

15 min Ci — Samp.

30 min Ci abt Same w/ tr dk rd tint ? sh.

45:

1:00 SAME

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(12)

3090-95 — No-O Tr.F - in Buff dn lm only (No cut)
No Gas kick. - 10-15% f-mg wt sd No staining
w/ a little Glauc. 5% buff-gry clay lm/sand
v hard - tr chrt. tr bal red & maroon sh + gry sltstn
NOTE: These mg sds may be basal Elbert.

3090-3100 - 1st Samp. after Trip No-O No-F ayrf in dn
10% tan dolo lm. No Gas kick - 1% sd as abv. w/
bal. mixed sh etc. (Cave) Basal Elbert

3100-10 No-O No-F Bal w/ sg
bnd lmy sd - part glau. - part ⊂ gn f-bnd
lmy sd. McCRACKEN Transition Zone Top 3101 (3101)

3110-16 No-O No-F Bnd mg ? McCrac. sd.
2 5% gn vsg lmy sd. bal mg sltly fnc
in part mg McCrac. sd w/ scl glauc.

3110-15 — Same as above

3110-20 — about same as above w/ lies
to tr v sg gn lm sd Bnd mg sd w/ tr. clear Gunnison
Silicon material.

3120-30 about same - w/ tr. orange-rd sh.

3130-40 — bnd sd as abv becoming harder +
mod Siliceous (Tight) 5% of orn rd sh
+ sm. marn. calc sh w/ tr purple sh.

✓ 3140-50 No-O No-F 50% mg sd as abv w/
red clay cementing (slight reaction to HCl) bal
w/ sd & abv. w/ 2% red-orange sh.

3150-60 — bnd rd sd as abv but becoming
much finer (glauc) — approaching Slt.

3160-70 — No-O No-F 1%<< of sd fm abv.
Very Sil. + Tit -- bal bnd rust colored
Siltstone to Sandy siltstone

3170-80 — No-O No-F bnd rust colored Sltstn
to bnd Calc. dol nod. - tr clr chrt w/ rd incl.

3180-90 — No-O No-F bnd pink v v f-f sd to
Siltstn w/ calc. cem. mod reactive to HCl.
tr pink-rd sh. - tr pink mg sd. tr pink chrt.

3190-3200 — No-O No-F bnd rust colored Siltstn
tr crm oo lm? cav tr mg sd? (cav)

3200-10 No-O Tr.F in Dn crm lm (No cut) No por
~~bal bnd~~ 1%+ Dn crm oo lm (? Top Ankg)
5% rust color siltstone sm with mod red & gray
in siltstn, 2%< rd mg sd tr yellow + clr chrt tr red chrt
Bal maroon sh + rd sh.

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(11)

2990-95 — No-O No-F abd. sand or alm.

2995 — 15 min No-O No-F Pred Tan Dol-lm — 40% samp-5 mc (No Cut) No Gas Kick.

30 min Same No Show

2995-3000 — No-O Non to VV Dull F Pred Tan Sm + Dn: Dolo. lm. (No cut)

3000-10 No-O VV Dull F in 80% Samp. in wt/ dn dolo lm — 5% brd dn lt gry lm? 5% rd gy, mar. sh. Tr. sdy lt tan grn. lm ? McCracken (No Cut) No Gas Kick,

3010-20 No-O mod. F in 10% samp. in Tan dol lm + tan sdy lm (No cut) No Gas Kick 5-10% wt mg sd part clay filled (red aly) tr with brownish black oil stn ??? 5% pk & pll

3020-25 No-O VV Dull F in Dol. Tan, dn (No Cut) (No gas kick) 1% < mg Port clay (red) filled McK sd Pred. wt-tan lm + dol. 20% Red, gn, mar sh — appears to be a stringer zone.

3025-30 No-O. Mod. F in 60% samp. in lt tan dolo lm — 1% < mg sd No stn same wt mg sd No Show.

3030-40 — No-O 2% + Dull F in Tan dolo — McCracken tr. McC. sd w/ Red cly matrix — tr lt gy, rd pk free grain Pred rd sh, rd calc sh rd lm.

3040-50 No-O No-F Pred Orange, gn, gry + mar. sh. 2% tan dolo. lm.

3050-60 No-O Lt F in 5% Samp. in buff dolo lm No Gas Kick — No cut 25% buff lm, bal orange, gn mar sh.

3060-70 — No-O / No to Tr F in Dn dolo 5% samp Pred Orang, mar, Gn-gry sh. No Gas Kick

3070-80 No-O No-F 1% Buff + Cm dolo-lm Pred rd, gn, mar, + gry sh.

3080-90 — No-O No-F (No cut) No Gas Kick 5% lt oo to cm oo lm tr (Aaly) 3084 Bal rd-orange mar + Gn sh. ? McCracken

<1% mg wt sd

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2860-70 2890-2900
2880-86 2900-10
2880-90 10-20
2890-95 20-30
30-40

(10)

(No Gas Kick)

2870-80 No-O Mod-F in 40% Samp in buff dn lm - (No For in Dry Sample) - No-Cut Bal. white lm. 2% Canary yellow lm

2880-86 No-O Mod-Lt. F in 20% Buff dn lm (No Gas Kick) No For in Dry Sample - No-Cut

2880-90 No-O Mod F in Tan dn Dolo lm 5-10% Samp fnd gn, gn, rd. sh.

2890-94 No-O Mod F No Gas Kick 5% F in dn Tan dolo - fnd rd gn, mar sh.

2894-2896 - No-O Tr F in 2% < dn Tan lm - Pal Salt gn sh w/ some rd & maroon sh.

2890-2900 - No-O Mod-F in 25% Samp in Cm dolo lm - No For. on dry sample (No-Cut) No Gas Kick - Bal. wt lm & gn, rd & mar. sh.

2900-10 - Abt Samp as above Mod F in 15% Samp. bal abt Same (No Cut). No Odor

2910-15 Trip No-O Mod. F in 5% + Samp in Tan lm as abv. Part Suc (No Cut) No Gas Kick 40% for. lm - 10% wt lm Bal Rd, gn + mar. sh.

2910-20 No-O V Dull-F in 5% < Samp in buff lm - fnd pnk-bn dolo - gn, rd, mar, dar sh.

2920-30 - No-O V dull F - 25-30% Samp in dn dolo gy-bn, bal pnk-bn dolo

2930-40 - No-O Lt F in 40% Samp in Tan dn dolo-lm - No for. - No Cut - No Gas Kick Bal rd, dar, gn sh.

2940-50 - No-O Tr F (Dull) in 5% < Samp in Tan Dn Dolo-lm fnd gn, mar, rd sh + Stain.

2950-60 - Same as above. mar sh

2960-70 No-O V Dull-F 5% Samp in Dn Tan Dolo-lm 10-20% wt lm No-F - (No Cut) - No for bal fnd rd gn, mar. sh.

2970-80 No-O VV Dull F in 80-90% Samp in Tan Dolo 1% < Suc bal rd + gn sh No Gas Kick (No Cut) No For.

2980-90 - No-O VVV Dull F in 90% Samp in Tan Dolo. 10-20% Suc. (No Cut) No For

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2650-60 – No-O – No-F wt Lm w/ sm Sh as abv – lm pos. softer.

2660-70 – No-O – No-F wt soft lm w/ 5% < rd, grn, mar. sh – tr. ck pink cht.

2670-80 – No-O No-F pred wt lm as abv.

2680-90 – No-O No-F pred wt lm oo as abv w/ 5% grn, mar. & lav. Sh.

2690-2700 – Abant same w/ 10% sh.

2700-10 No-O – No-F 10% wt lm as abv. Pred Rd, gn lm & mar Sh

2710-20 No-O – No-F pred lm & Sh 5 Tuscan 10% wt lm – bal rd, gn, mar. Sh w/ 2% cht.

2720-30 – No-O – No-F 2% < wt lm tr cht pred rd, gn, mar. Sh

2730-40 – Same No-O No-F

2740-50 – No-O No-F 60% soft wt lm (No por) tr. cht tr. calc le bal rd, gn + mar. Sh.

2750-60 No-O No-F pred wt soft to mod soft oo lm – 15% rd, gn + mar Sh

2760-70 – No-O No-F 60% wt lm & 40% Sh.

2770-80 No-O No-F abt same as abv. w/ less a little more Sh.

DEV. 2786

2780-90 No-O No-F pred Tan dolo, 1% + amber cht. (No cut) 5% wt oo lm – 2% gn, rd, mar, + purp. Sh.

2790-2800 No-O No pred wt-cru dolo lm – tr lt lav lm, tr. Sug. dol. (No cut).

2800-10 No-O No-F pred wt-gry lm + dolo. 10% rd, gn + lav. Sh. tr wt cht.

2810-20 – No-O No-F pred wt oo lm + soft wt lm abt 10% Sh as abv (cav?).

2820-30 No-O No-F pred wt-cru lm – tr gn Sh – rd + mar Sh

2830-40 – No-O No-F pred wt-cru lm – 5% gn + mar Sh. w/ sm lav. Sh

2840-50 – No-O – No-F 80% wt oo lm as abv. bal 20% gn, lav, + mar Sh

2850-60 – No-O, No-F Same

2860-70 No-O No-F No Cas Rock, 20% sugary wt lm bal wt lm. No por. tr Sh as abv.

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TEX Geo [illegible] (Paul) Nixon 237-3602
325-9516 (FN Johnston) 307-234-5371
H MN

Barnhart
325-7632 (Charlie Spencer)

(8)

Sh-Top! 2417 Sh Lim Top. 2425 lm

2400-10 — No-O No-F fnd crm-tn lm - 10% lt gn Sh.
2410-20 No-O No-F 5% wt Sdy lm, 10% tan lm o. lm
2420-30 Faint-O Fair-F in wet lm — No Sho No Stain
10 unit Gas Kick Good Cut
2430-35 No-O Only Tot in V Fine Sand w/lm fnd wt lm.
No-Stnd — 1% < gn Sh.
2435-40 No-O — No-F 10% lm as abv bal gn w/lm,
gry Sh, w/ tr rd sltstn
2440-50 No-O — No-F 5% < lm fnd wt &
gn Sh w/sm lav Sh.
2450-60 No-O/No-F fnd wt.-buff lm
2460-70 No-O No-F abt same as abv w/ rd Sh,
2470-80 No-O No-F 5% + wt + crm lm bal fnd
rd Sh w/sm gn + gry Sh.
2480-90 — No-O/NoF Same above.
2490-2500 — No-O No-F fnd wt. lm
2500-10 No-O No-F fnd Bn sltstn gn & rd Sh
2510-20 No-O No-F Pred Brick rd Sh + gn Sh w/
sdy lm + sltstn Stringers.
2520-30 — No-O No-F fnd rd + gn Sh +
lm w/ sltstn — Tr lav. Sh Tr wt lm.
2530-40 — No-O No-F 2% soft-mod soft wt lm.
fnd rd, gn, + lav. Sh.
2540-50 — No-O No-F about same as above.
2550-60 — No-O No-F fnd rd + gn Sh,
2560-70 — No-O — No-F 1% wt-crm dk lm bal rd + gn Sh.
Tr cht.
2570-80 No-O — No-F 5% crm lm bal cht
rd sltstn.
2580-90 — No-O — No-F fnd Red Bn, + mar Sh.
Tr wt. lm.
2590-2600 No-O No-F abt same.
2600-10 — No-O No-F 5-10% wt lm Tr clr cht
bal rd + mar Sh. Part lm oo
2610-20 5-10% lm cs glu (soft wt.) - part oo lm
bal rd, gn + mar Sh.
2620-30 — No-O No-F fnd wt oo mod soft lm.
2630-40 No-O No-F mod soft wt lm 2% w/
canary yellow staining (Not Hydrocarbon stain)
2640-50 No-O No-F fnd wt. oo lm. w/ sm mar +
gn Sh. Tr cht.

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2130-40 No-O No-F Pred lbn lm
2140-50 No-O No-F 50-50 wt lm + pnk to ch chrt.
2150-60 No-O No-F Pred all chrt — 2% wt lm
2160-70 No-O No-F 50-50 wt lm + pnk to ch. chrt.
2170-80 No-O No-F Pred. wt lm to wt sdy lm 20% rd. sh.
2180-90 No-O No-F 50-50 wt. lm + rd sh - 1% chrt.
2190-2200 No-O No-F 20% wt-gry sdy lm - 2 pieces dark lm. lm. bal rd sh. Tr. gn sh
2200-10 No-O No-F Pred wt-gry to slt. Brn lm, Tr. chrt Tr. rd sh.
2210-20 No-O No-F Pred lm as abv. 1% + crm-lab. bal rd. sh. 5%
2220-30 No-O No-F Same
2230-40 No-O No-F 10% wt lm bal ch. & pnk orng chrt. Tr. lav. sh.
2240-50 No-O No-F Pred gry + lt bn lm - 5-10% chrt 10% Rd. sh
2250-60 No-O No-F abt same as abv.
2260-70 No-O No-F 5% gry lm - 2% + chrt. bal gry lm sltstn
2270-80 No-O Tr. F Wt. 1% chrt. Same w/ pors more chrt
2280-90 No-O No-F Tr. lm + chrt. Pred rd sltstn
2290-2300 No-O No-F Tr. mg. sd - 1% + soft wt lm to sdy lm - Pred rd sltstn.
2300-10 No-O No-F Pred 100% soft wt lm
2310-20 No-O Vf-F in 2% + soft wt lm + buff lm - bal rd. sltstn
2320-25 (Trip) No-O - No-F 5% lm as abv. Pred rd sh - Tr. brd pnk chrt
2325-30 No-O No-F 5% ch chrt bal wt sdy lm. No por.
2330-40 No-O No-F Pred wt-gry sdy lm w/ 2% chrt.
2340-50 No-O No-F " "
2340-50 Corrected Depth No-O No-F Pred Tan dol.
2350-60 No-O No-F Same as abv. w/ 2% Rd sltstn
2360-70 No-O No-F Same as abv.
2370-80 No-O No-F Pred. Drk gry-bn lm Gissonite (?) Cut
2380-90 Trace O No-F in Pred Gissonite + Drk bn - gry lm. only Tr. rd sltstn
2390-2400 No-O No-F abt. Gissonite 5% Drk lm - 5% rd sltstn Pred gry sh.

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(6)

1910-20 No-O No-F Tr. buff lm 2% gn usy sh bal rd sltstn.
1920-30 No-O No-F 1% buff lm bal Tr. pnk cht.
Tr cm lm bal rd sltstn. Tr. lg qtz.
1930-40 No-O No-F 1% pnk cht - bal red sltstn.
~~1940-50~~ Tr - 1% lg qtz pbls.
SAN'D 1940-50 No-O - No-F abt same.
1950-60 No-O - No-F No-Cut 100% wt lmy sd.
1960-70 No-O - No-F 90% < wt lmy sd No Por.
Tr rd sltstn Tr lav. sh. Tr gn sh.
1970-80 No-O - No-F 10% < wt lmy sd - bal
rd sltstn, Tr. wt lm. Tr. lav sh
1980-90 No-O No-F pnk lm, Tr buff lm, Tr
lav sh bal rd sltstn.
1990-2000 No-O - No-F abt same abv.
2000-10 No-O - No-F same.
2010-20 No-O - V.F. in wt lm (No Por) No Stn.
10% Sangr. 1% lg qtz pbl bal same abv.
2020-30 No-O - Tr. F in wt lm - 1% + clear Silic qtz.
3 Tops - M Tr cht < (abnd). bal lt gn usy sh, lav. sh
+ rd sltstn.
2030-40 (11 mm FT @ 2037) abnd cht + qtz pbls, bal same as
abv. No-O No-F W8-Stn.
2040-50 No-O - No-F same abv. w/ 10% gn sh.
abnd cht - 10% wt lm.
2050-60 No-O No-F 15% wt dn sd No por bal
rd sltstn.
2060-70 No-O No-F < sd than abv. bal sltstn. Tr lm
2070-80 No-O No-F abt same w/ sm mar sh.
2080-90 No-O No-F 10% wt lmy sd - 5% wt lm Tr
cht. - 1% qtz pbls bal rd sltstn.
2090-2100 No-O - VF-F in wt lm. sdy lm No por.
bal rd + lav. sltstn
2100-10 No-O VVLF - in wt + lmy sd 2% < Sang. bal
rd sltstn w/ sm lav. sh.
2110-20 No-O VVLF in wt lm 2% < Sang - 5% + wt lm
No-Por - 1% qtz pbls. Tr pnk cht. bal rd sltstn.
2120-30 No-O Fair to VF in 2% < Sang - bal wt
lm No Por. - bal rd sltstn.

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(5)

1580	90	Tr gn wxy sh. Tr mar. sltstn. Tr buff ls. bal. ~~org~~ sltstn.
1590	1600	— Pred orang sltstn
1600	10	— same
1610	20	abt. Same — Tr. gn wxy sh.
1620	30	— Same
1630	40	same
1640	50	same — Tr. chert.
1650	60	Pred orng. sltst.
1660	70	" "
1670	80	same "
1680	85	(Tr p) — Pred orng sltst. Tr. gn dol. —
1685	90	(same)
1690	1700	1% < buff gry ls. — bal same abv.
1700	10	1% < buf gry gn lm + Tr. lav. sh Tr gn sh bal orng. sltstn.
1710	20	Pred orng. sltstn.
1720	30	Same
1730	40	Same
1740	50	Tr = 1% < buff lm. — bal orng sltstn.
1750	60	2 buff dn lm — bal org sltstn.
1760	70	Tr. chrt — 2% buff lm — bal org sltstn Tr. lav. sh.
1770	80	No-o, 2% wt-orng lm — bal Orng sltstn.
1780	90	Tr. lm Pred Orng rd — sltstn.
1790	1800	Pred all orngish rd. sltstn.
1800	10	Tr. buff lm. Pred Orng rd sltstn.
1810	20	Pred Orng — rd sltstn.
1820	30	10% + Crm dn lm., sm pnk lm bal orng rd sltstn
		No fov. — No odor
1830	40	No-O — No-F 1% << crm lm. bal org rd sltstn
1840	50	No-O — No-F 1% << crm lm, pnk lm & lt gy lm lm bal
		O-rd siltstone w/ Tr mar. sh.
1850	60	No-O No-F Tr crm lm — 2% lt gn wxy sh bal
		rd sh-sltstn. Tr. mg arg ss — no stn
1860	70	No-O — No-F Tr gry Mbd Dolo — Tr tan lm, Tr mg ss,
		bal rd sltstone
1870	80	No-O — No-F 2% + buff gry & pnk crm lm.
		bal rd sltstn.
1880	90	Same.
1890	1900	No-O — No-F 5% + buff crm & pnk lm bal rd sltstn
1900	10	No-O No-F 1% buff-crm lm 1% < pnk lm
		bal rd sltstn.

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④

1180	90	Same
1190	1200	Same w/ occ. scat mg qtz. sd.
1200	10	Org-pink sltstn scat mg-sg sd.
1210	20	Same
1230	30	Same
1230	40	Same
1240	50	alt Same (cuttings ✓ fine)
1250	60	Same
1260	70	Same
1270	80	Same
1280	90	Same
1290	1300	Same
1300	10	alt Same
1310	20	Same
1320	30	Same (prob a little Dark in Field)
1330	40	Same "
1340	50	Same
1350	60	alt Same (Good Samples ✓)
1360	70	Same.
1370	80	Same
1380	90	Same.
1390	1400	Same w/ 1% sub-rd qtz. gns.
1400	10	5% gry-gn dol. bal Same.
1410	20	5% gry-gn dol bal Same.
1420	30	pud org sltstn.
1430	40	Same
1440	50	Same
1450	60	1% < lg qtz sd pud. sltstn.
1460	70	alt Same - tr gry-gn sltstn.
1470	80	Same.
1480	90	Same.
1490	1500	Same (start mud samples @ 1510)
1500	10	Same ✓
1510	20	Same ✓
1520	30	Same ✓
1530	40	Same ✓
1540	50	Same ✓
1550	60	Tr lt gn wxy sh bal Same, tr coal ✓
1560	70	tr coal tr. lt gn wxy sh. bal Same, ✓
1570	80	alt Same + tr. lt gry lm ✓

Stiff O & G mud around 1300

(VI)

1430

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③

800	10	fred orng. SS
810	20	same
820	30	Same
830	40	Same w/ tr lt gy sh-sltstn
840	50	Same
850	60	Same poss. [illegible] fiber.
860	70	Same
870	80	Same
880	90	Same
890	900	Same
900	10	Same.
910	20	Same.
920	30	Same
930	40	Same
940	50	VSL orng. SS to silt tr metal cuttings (bit)
950	60	Same
960	70	Same
970	80	Same
980	90	Same
990	1000	Same
1000	10	fred orng silt.
10	20	Orng SS & silt.
20	30	Same
—	—	No SAMP.
40	50	10% gry-grn sh sltstn bral F-mg sd w/ occ lg sd.
		Tr lg orng qtz. tr mmgn red sh/ tr. dol lm.
50	60	2% gry-grn sh — fred lt gy. sltstn. occ lg qtz. grains
60	70	gry-grn sh as abv. mixd — fred rd-org sltstn. w/ occ. qtz. lg.
70	80	fred org. rd sltstn.
80	90	Same
90	1100	Same
1100	10	Orng-rd sltstn
1110	20	Same
1120	30	Same
1130	40	Same
1140	50	Same w/ few fine mg qtz. sd.
1150	60	Same
1160	70	Same
1170	80	Same

TOP 1045

1098

Red 1100

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②

410-10	wh fg arg sd
410 20	Same
420-30	Same
430-40	Same
440-50	Same
450 60	Same
460 70	Same
470 80	Same
480 90	Same
490 500	Same
500 10	Same
510 20	abt same
520 30	abt Same
530 40	Same
540 50	Same
550 60	—
560 70	Same
570 80	Same
580 90	Same
590 600	Same
600 10	VFg sd w Sat. Kao
610 20	VFg sd.
620 30	Same.
630 40	Same.
640 50	Same.
650 60	Same
660 70	5% gy gn sh bal VFg sd.
670 80	5% gy gn sh sm mott bld & gn sh bal VFg sd
680 90	Pred VFg sd
690 700	Same
700 10	5% gy gn sh bal VFg sd. (metal cuttings)
710 20	abt Same.
720 30	Pred wh. lt pk VFg ss as abv.
730 40	Same
740 50	Same ss becoming more pk. pnk w Kao as abv ?
750 60	VFg lse Pnk & Gry SS Kao
760 70	Same
770 80	Same
780 90	Same
790 800	Same

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GL. 0 K.B. 10.4'
GL. 0 D.F. 9.0'

①

D. J. SIMMONS
NAVAJO No. 1
30-36N-27E Apache Co., Ariz.

10-20	lse mg sub-rd sd, ll pk to org.
20-30	abt same abov.
30-40	Pred gry sh + pbls (Rd + brd consolidated ss)
40-50	abt same
50-60	abt same w/ lt pk sh + qtz pbls.
60-70	same w/ gry sh
70-80	Pred gry sh
80-90	gry sh
90-100	Pred gry sh - slt mic
100-10	Pred gry sh, tr pyrt - tr. pk. cht
110-20	Pred gry sh
120-30	Pred gry sh w/ 5% lt pk sh
130-40	Pred lt gry sh as abv.
140-50	abt same
150-60	
160-70	
170-80	
180-90	Pred brd gry slst.
190-200	abt same
200-10	Pred gry brn slst.
210-20	Pred lse fg sd + soft gry sh.
220-30	Pred wt. fg sd
230-40	same.
240-50	Same
250-60	Same
260-70	Same
270-80	Same
280-90	abt Same sd ang. f-mg.
290-300	Same.
300-10	Same
310-20	Same
320-30	Same
330-40	wt. sd fg
340-50	wt sd.
350-60	Same
360-70	Same V clean ang. fg sd
370-80	Same
380-90	Same (2 samples same No.)
390-400	Same
	Same

© WILSON JONES COMPANY G7202 GREEN 7202 BUFF MADE IN U.S.A.

435

RECEIVED JAN 16 1958 STATE O & G CONS. COMM.

Telephone 1-2-68

Simmons

Shut down weather. Will plug. Well fizzled out. Made 1/2 Bbl fluid (50% oil) last few days of production. Talking about drilling another well in here.

#

9

Telephone: 10-26-67 from D.J. Simmons (Box 1469 Farmington)

TD 3317. Size hole 7 7/8"
Set 4 1/2" Csg. "close to" TD.

Telephone Fred Beech & Jim Hooper 11-2-67
~~Had~~ slight show oil in smpls. Did not have drilling break. (Apparently had no indication on gas analyzer) Appears to be roughly same (Penn?) limestone section in which Buttes had reported a show. Depth of this Ls. is approx 2200'-2300'. Completion rig on location. Will perf.; swb; and possibly acidize.

11-6-67 Telcal from Mr. Simmons
Will plug back according to USGS instructions & turn to Tribe as water well

---

11-13-67 Telephone from Blanchard Geren (Farmington)
Spud 10-10-67
Set 10 3/4 @ 235' w/ 200 sx (circulated cement)
Drilled 7 7/8" hole to TD 3313.
ran logs IE, Sonic, Frak-finder (Wellex)
Set 2605' 4 1/2" csg. w/ 200 sx
Perf Desert Crk (Texaco top) 2404-2425
w/ 4 shots per ft. Mark I Wellex Jet.
Acidize w/ 500 gal 15% HCl + 10 Bbls wtr behind it. Wtr had brown scum - pumped off. (Parrafin on pipe.)
(OVER)

(Sonic log does not indicate much porosity in this perforated zone. Pay zone looks perhaps 6 FT (?) thick. Snoopder indicates freaks. May be OR.)

While pulling Tubing noted oil stain on pipe.

Re-Acidize 5000 gal 28% HCl (Strong acid) and 150 Bbls.

Injection:

initial 1900# → 1700# → 1400#

injection 25 Bbls per min. (pretty good rate)

Run tbg and rods - (pump) 11-11-67

11-12-67 Pump 2-3 Bbls black oil on pits.

low pour point oil (will determine gravity.)

(Gas wont burn. Could contain helium.)

Pumping 5-10 BOPD + much wtr. ← this may not be formation wtr.

Log does not show wtr.

Telephone: A. Blanchard Geol: (327-9483 Farm) 12-4-67

Pumping: Fluid tapered from 4 bbls. Fluid (25% oil) to 3/4 - 1/2 bbl. Total Fluid (5-20% oil) Prep to plug.

Simmons #

1st 24 hr test — 120 Bls fluid
114 water
6 Oil

2nd 24 hr test — 4.3 bls fluid
3.7 water
.6 oil

last 4 Bls fluid cut 25% oil

Triple A Fishing Co to reenter
Humble well in Sec 9 41N 28E
within 2 weeks

ps 28 5/8

10

WELL SITE CHECK

By JK
Date 10-19-67

Contractor LOFFLAND

Person(s) Contacted A.B. GERRN - GEOLOGIST FROM FARMINGTON.

Spud date

Type Rig WILSON MOGUL Rotary ✓ Cable

Present Operations DRILLING 2670' IN MISS.

Samples CATCHING 10' SMPLS.

Pipe SET 10 3/4" @ 235'

Drilling with Air Mud X

Water Zones

Size Hole 7 7/8

Lost Circ. Zones

Size Drill Pipe 4"

Formation Tops

Type Bit SECURITY HTSG

Cores, Logs, DST

No. Bit 12 Drilling Rate 7"/FT.

Formation MISS.

Crews

Lithology CARBONATE

REMARKS, PHOTO, MAP

4 MAN CREW
12 HR. TOWERS
FLYING FROM FARMINGTON

WAGES:
$ 3.05
$ 3.15 } STANDARD WAGE
$ 3.80

(LOCATION approx 1 MI SW / ROUND ROCK)

WELL NAME 12 SIMMONS #1 NAVAJO

Permit No. 435
Confidential: Yes (No)

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐

NAME OF COMPANY OR OPERATOR D. J. Simmons, et al. DATE October 6, 1967

Address: 3590 McCart Street | City: Fort Worth, | State: Texas

DESCRIPTION OF WELL AND LEASE

Name of lease: Navajo Tribe Indian Lease (File A-1040) Contract No. 14-20-0603-8841

Well number: 1

Elevation (ground): 5394

Well location (give footage from section lines): 660 Feet North of the South line and 1869 Feet East of the West line of Sec. 30-T 36N-R 27E.

Section—township—range or block & survey

Field & reservoir (If wildcat, so state): Wildcat

County: Apache

Distance, in miles, and direction from nearest town or post office: Approx. 1 mile southwest of Round Rock Trading Post.

Nearest distance from proposed location to property or lease line: 1869 feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: No other well or location feet

Proposed depth: 3300 Feet

Rotary or cable tools: Rotary

Approx. date work will start: October 9, 1967

Number of acres in lease: 2533 2539 Acres

Number of wells on lease, including this well, completed in or drilling to this reservoir: Only this one.

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

No other wells drilled on lease.

Status of bond: Nationwide Bond In Effect

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

Note E1/2 SW/4 Sec 30, T36N, R27E dedicated to well
JB
10-9-67

RECEIVED OCT 9 1967 STATE O & G CONS. COMM.

* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Superintendent of the D. J. Simmons, et al (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.

October 6, 1967
Date

Ashton B. Geren, Jr.
Signature Ashton B. Geren, Jr.
Supt. for D. J. Simmons, et al

Permit Number: 435
Approval Date: 10-23-67
Approved By: John Bannister

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

See Instruction on Reverse Side of Form

STATE OF ARIZONA STATE LAND COMMISSIONER
Application to Drill, Deepen or Plug Back
Form No. P-1 File two copies
Authorized by Order No. 4-6-59
Effective April 6, 19 59

API 02-001-20059

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown, also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease. Lease covers all of Sections 29,30,31, & 32 of Twp. 36N - R 27E Apache County

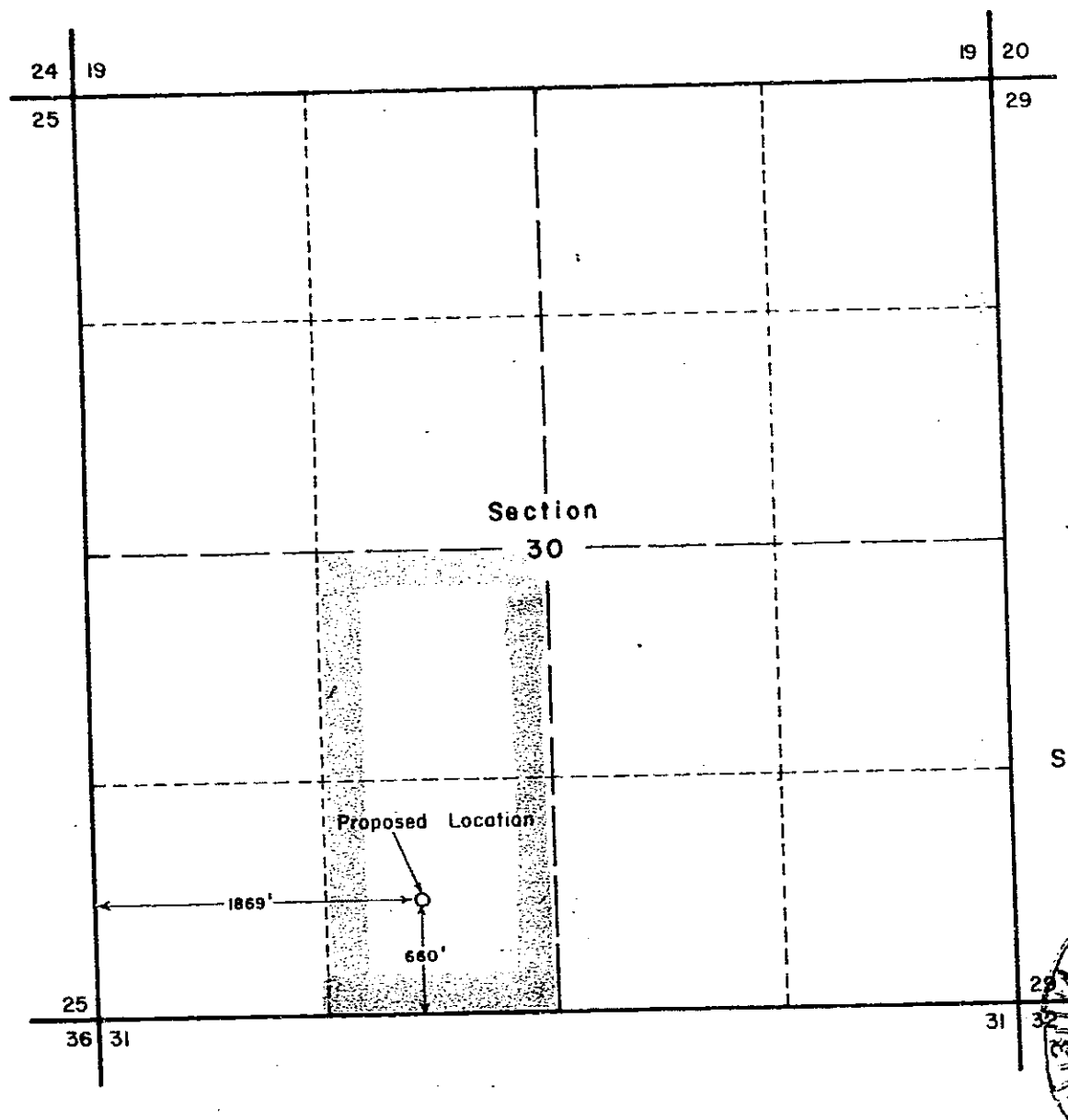
Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
10 3/4"	32.75	H-40	0	250	250	200
5 1/2"	14	J-55	0	3300	3300	450

Form No. P-1

Entire lease covers all of Sections 29, 30, 31, 32 of Twp. 36N - R 27E
Apache Co., Arizona



Scale: 1" = 1000'

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OCT 9 1967
STATE O & G
CONS. COMM.

WELL LOCATION: **D. J. SIMMONS - Navajo No. 1**

Located 660 feet North of the South line and 1869 feet East of the West line of Section 30, Township 36 North, Range 27 East, Gila and Salt River Meridian

Existing ground elevation determined at 5394 feet based on U. S. G. S. datum.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

FREDERICK H. REED
Registered Land Surveyor

REGISTERED LAND SURVEYOR
CERTIFICATE NO. 5313
FREDERICK H. REED
Date Signed 9/28/67
ARIZONA, U.S.A.

D. J. SIMMONS
Ft. Worth, Texas

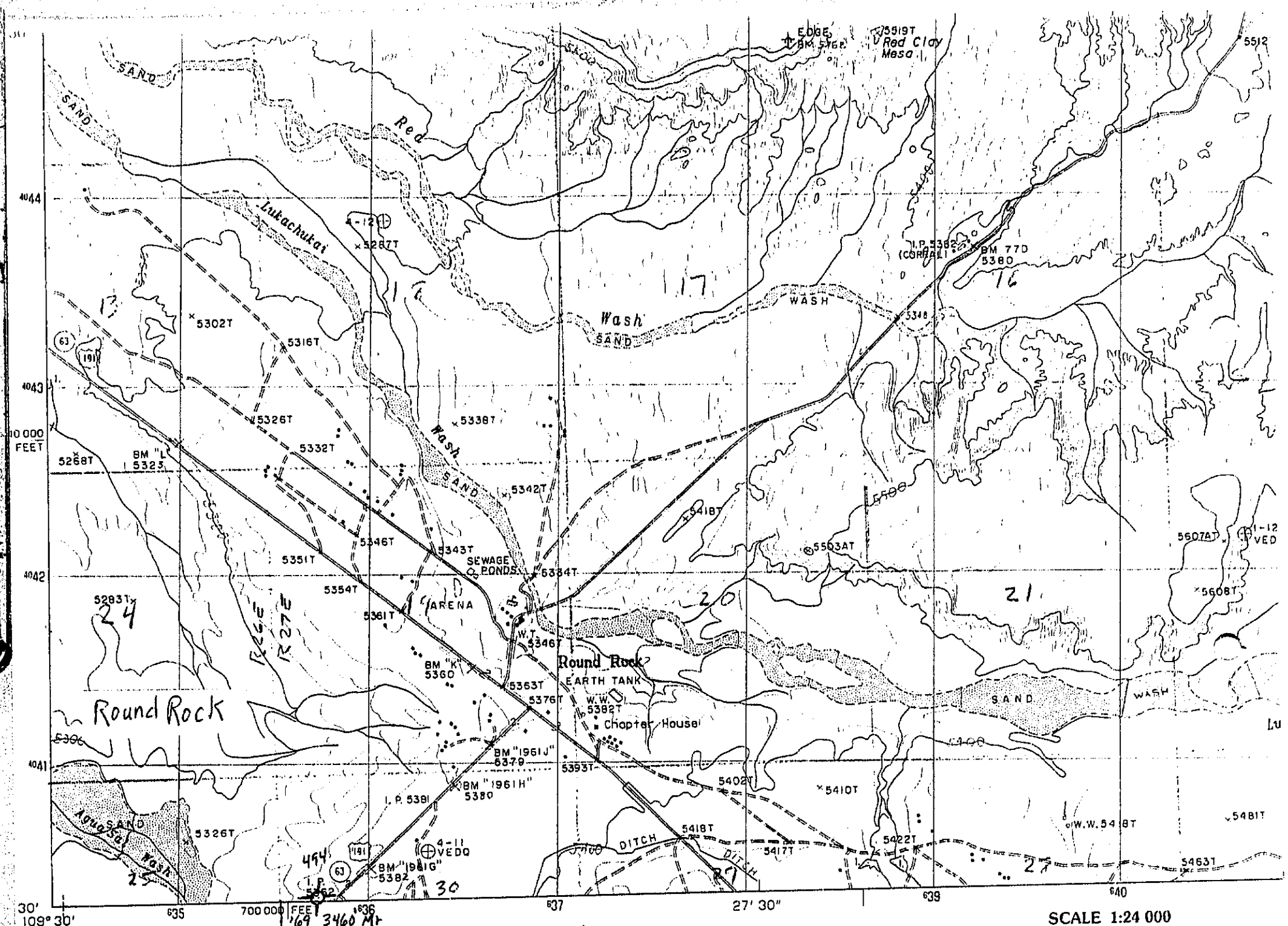
WELL LOCATION PLAT
Sec. 30, T 36 N, R 27 E

Apache County, Arizona

CLARK - REED & ASSOC.
Durango, Colorado

DATE: Sept. 28, 1967
FILE NO: 67082

435
13



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976
FIELD CHECKED ..... 1978. MAP EDITED 1982
PROJECTION ..... TRANSVERSE MERCATOR

SCALE 1:24 000

KILOMETERS 1 .5 0 1
METERS 1000 0 1000

PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: D.J. SIMMONS
(OPERATOR)

to drill a well to be known as
SIMMONS #1 Navajo
(WELL NAME)

located 660' FSL & 1869' FWL (SE SW)

Section 30 Township 36N Range 27E, Apache County, Arizona.

The W/2 SW/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 23rd day of October, 1967.

OIL AND GAS CONSERVATION COMMISSION
By John W. Bannister
EXECUTIVE SECRETARY

PERMIT No. 435

RECEIPT NO. 9523

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27

API 002-00[illegible]-20059

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
NAVAJO AREA OFFICE
P. O. Box 1060
Gallup, New Mexico 87305-1060

RECEIVED
97 NOV 19 PM 4:29
070 FARMINGTON, NM

IN REPLY REFER TO:

JUL 18 1997

ARES/543

Mr. John A. Byrom
D. J. Simmons, Inc.
P. O. Box 1469
3005 Northridge, Suite L
Farmington, New Mexico 87499-1469

Dear Mr. Byrom:

On May 7, 1997, Ms. Linda Taylor, Bureau of Indian Affairs Lease Compliance Specialist, reported to you that Navajo I well (Wildcat turned into a livestock water well in 1968) is now producing water/oil mixture. The well is located in Section 30, Township 36 North, Range 27 East, Apache County, Arizona, Navajo Nation Lease 14-20-0603-8841.

Mr. Bob Crabb of Onsite Technologies, providing assistance in your behalf, located documents that showed the well was plugged following U. S. Geological Survey specification in 1968 and approved by the same on January 11, 1968. Sometimes after January 12, 1968, the well was turned over to Mr. Henry F. Pohlmann, Minerals Supervisor, Navajo Tribe Minerals Department, as a water well.

On May 13, 1997, Mr. Crabb stated D. J. Simmons Inc.'s willingness to seal the hole and set a dry hole marker. We appreciate D. J. Simmons' offer to complete proper abandonment of this well site. We ask that all efforts be made to ensure no future leaks when sealing the well. Also the oil stained soil around the well should be remediated to reduce contamination since the site is near several homes.

Ms. Gail Leslie-Bob, Navajo Nation Minerals Department Inspector is to be notified to witness the final sealing of the well. You may contact her at telephone number (520) 871-7098. Her address is Navajo Nation Minerals Department, P. O. Box 1910, Window Rock, Arizona 86515.

MAR 1998
ARIZONA GEOLOGICAL SURVEY

P/N 435

Should other information be required, please call Ms. Taylor at (505) 368-4427 extension 316 (teletypewriter) by calling through Communication Relay Agent 800-659-1779 or 800-855-2881. Her telefax number is (505) 368-4427.

Sincerely,

Dale J. Underwood

Acting Area Realty Officer

P/N 435

State of Arizona
Arizona Geological Survey
416 W. Congress, Suite 100
Tucson, Arizona 85701
(520) 770-3500

Jane Dee Hull
Governor

Larry D. Fellows
Director and State Geologist

October 20, 1997

Mr. Johnny Bennett
Navajo Nations Mineral Dept
P.O. Box 19180
Window Rock, AZ 86515

435

Dear Mr. Bennett:

The information you requested this morning is enclosed. This includes the completion report and plugging record for the Cactus #1 (permit 345), Simmons #1 (permit 435), Champlin #1 (permit 455), and the Riddle & Gottlieb (permit 494). This information shows formation tops, casing depths, test and perforation intervals, and cement plugs.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

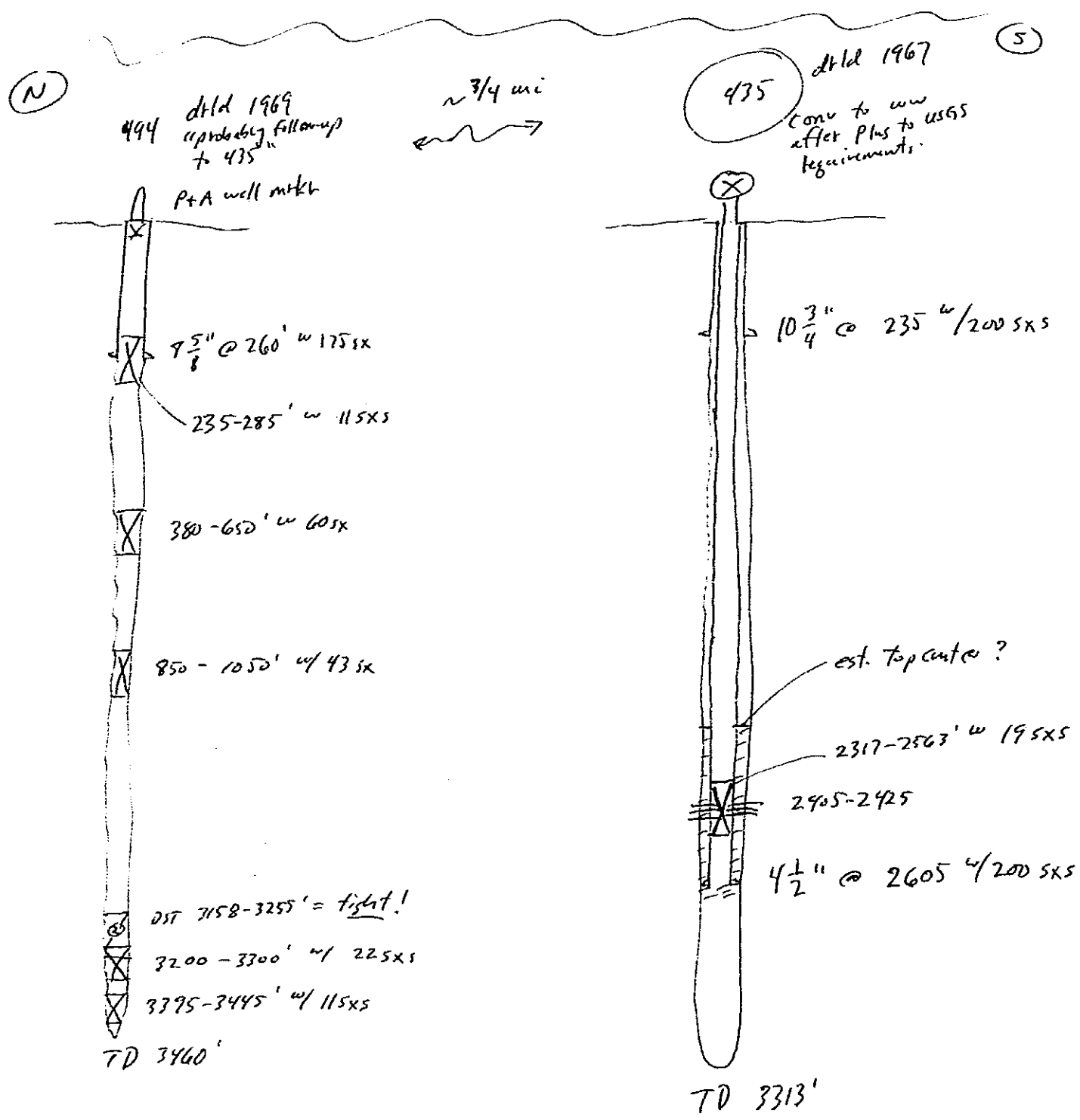
Enclosures

9-17-97 Johnny Bennett, NNMD PO Box 1910 Window Rock 86515 file 435

He asked about wells 435 & 494

435 converted to ww & oil has started to come out w/ water

I will send histories for wells 435 + 494.



ASHTON B. GEREN, JR.
P. O. Box 1469
Farmington, New Mexico

January 15, 1968

Oil and Gas Conservation Commission
State of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. James Scurlock
State Geologist

Dear Jim:

I am enclosing here a Xerox copy of the field sample descriptions on the Simmons - Navajo #1 (Sec.30-Twp.36N-R 27E.). Please include these with the completion report that I mailed to you yesterday.

I mentioned to Jim Hooper your invitation for Washington's birthday and I suppose he is mulling it over.

Sincerely,

Ashton B. Geren, Jr.

Ashton B. Geren, Jr.
Supt. & Geologist for:
D. J. Simmons

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JAN 18 1968
STATE O & G
CONS. COMM.

435

THE NAVAJO TRIBE
MINERALS DEPARTMENT
412 PETROLEUM PLAZA BUILDING
3535 EAST 30TH. STREET
FARMINGTON, NEW MEXICO 87401
&
P. O. BOX 146
WINDOW ROCK, ARIZONA 86515

RAYMOND NAKAI
CHAIRMAN, NAVAJO TRIBAL COUNCIL

NELSON DAMON
VICE-CHAIRMAN

January 12, 1968

Mr. D. J. Simmons
3590 McCart Street
Fort Worth, Texas

Dear Mr. Simmons:

This letter informs you that we have received all of the proper abandonment notices concerning Navajo No. 1 in Section 30, Township 36 North, Range 27 East, Apache County, Arizona.

We understand that you will completely cover the mud pit in the immediate future.

We also understand that you have turned over this well to us as a future source of water.

Your consideration of our problems are sincerely appreciated. This was a first class operation.

Best regards.

Very truly yours,

H F Pohlmann

Henry F. Pohlmann
Minerals Supervisor

HFP:et

RECEIVED
JAN 18 1968
STATE O & G
CONS. COMM.

435

OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
ROOM 202
1624 WEST ADAMS
Phoenix, Arizona 85007
PHONE: 271-5161

January 11, 1968

Mr. D.J. Simmons
P.O. Box 1469
Farmington, New Mexico 87401

Gentlemen:

As you are aware, you, as operator, must keep this Commission currently informed as to the progress of any oil or gas well operation anywhere in the State of Arizona and file such data as required or called for by the Commission. For your guidance, a copy of "Forms--when to file" was attached to your permit to drill. For your convenience, a marked copy is enclosed again.

According to our records, the data indicated below has not been submitted. You are requested to submit this data at once in order to bring this operation into compliance with our Rules and Regulations.

Well	Progress Report	Completion Report	Logs	Samples	Other
Simmons #1 Navajo SE SW 30-36N-27E Apache County, Arizona	Detailing operations from spud to current status				

A review of our file reveals that we have no documented reports and only our notes of telephone conversations. Nor do we have copies of any of your reports to U.S.G.S. It is imperative that the reports of your operations be filed immediately.

435

Very truly yours,

John Bannister
Executive Secretary
mr
enc
CC: Texaco Inc., P.O. Box 810, Farmington, N.M.

TEXACO
INC.
PETROLEUM PRODUCTS

P. O. Box 810
Farmington, New Mexico
87401

October 27, 1967

Mr. James Scurlock
Oil and Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Dear Mr. Scurlock:

Texaco would appreciate the Commission keeping the information on the Simmons #1 Navajo in Sec. 30, T36N, R27E, Apache County, Arizona confidential for six months. This well is being drilled on a Texaco farmout.

We have requested that Mr. Simmons furnish you the necessary USGS and other reports. We will also arrange to have a set of samples cut for the Commission files.

Very truly yours,

C. W. Spencer

C. W. Spencer
District Geologist

CWS:rm

RECEIVED
OCT 27 1967
STATE O & G
CONS. COMM.

435

TEXACO
INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT
DENVER DIVISION

A. L. PROTSMAN, DIVISION LANDMAN

P. O. BOX 2100
DENVER, COLO. 80201

October 20, 1967

MISC.-205 - BONDS--ARIZONA

Oil and Gas Conservation Commission
State of Arizona, Room 202
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Bannister

Gentlemen:

In accordance with our letter of October 13, 1967, we are forwarding the attached Consent of Surety fully executed by Texaco as principal and The Travelers Indemnity Company as surety covering the operations of D. J. Simmons on lands in Apache County, Arizona.

Yours very truly,

A. L. PROTSMAN

By G. L. Barton
G. L. Barton
Supervisor (Land Records)

GLB:VES

Attach.

437

RECEIVED
OCT 23 1967
STATE O & G
CONS. COMM.

THE TRAVELERS INDEMNITY COMPANY
HARTFORD, CONNECTICUT
(A STOCK COMPANY)

RECEIVED
STATE O & G CONS. COMM.

CONSENT OF SURETY

To be attached to and form a part of Drilling Bond No. 837525 issued by THE TRAVELERS INDEMNITY COMPANY, as Surety on behalf of TEXACO INC. as Principal and in favor of The State of Arizona.

WHEREAS under Designation of Operator dated October 2, 1967 (copy attached hereto and made a part hereof) TEXACO INC. has authorized and permitted D. J. Simmons, whose address is 3024 East Main, Farmington, New Mexico, to conduct drilling operations upon the following described land which is subject to Navajo Tribal Oil and Gas Lease Contract No. 14-20-0603-8841:

Township 36 North, Range 27 East,
Apache County, Arizona
Section 30: SE¼SW¼

NOW, THEREFORE, Surety and Principal herein hereby give their consent and agree that Bond No. 837525 shall cover the operation of said D. J. Simmons on the above described lands the same as though TEXACO INC. were conducting said operation.

The above numbered bond shall be subject to all its agreements, limitation and conditions except as herein expressly modified.

Signed, Sealed and dated the 16th day of October, 1967.

TEXACO INC.

By R. McMurry
Agent and Attorney-in-Fact

TEXACO INC.
Walter J. Schudde Jr.
RESIDENT

THE TRAVELERS INDEMNITY COMPANY

By A. Sullivan
A. J. Sullivan, Attorney-in-Fact

435

TEXACO
INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT
DENVER DIVISION

A. L. PROTSMAN, DIVISION LANDMAN

P. O. BOX 2100
DENVER, COLO. 80201

October 13, 1967

MISC.-205 - BONDS--ARIZONA

RECEIVED OCT 17 1967 STATE O & G CONS. COMM.

Oil and Gas Conservation Commission
State of Arizona, Room 202
1624 West Adams
Phoenix, Arizona 85007

Attention: Mr. John Bannister

Gentlemen:

In accordance with the telephone conversation of this date between Mr. Bannister and Mr. Barton of Texaco's Denver office, we are attaching the following in connection with a well being drilled by D. J. Simmons on lands in Apache County, Arizona:

1. Copy of Consent of Surety, signed on behalf of Texaco Inc., but not yet signed by The Travelers Indemnity Company.

2. Copy of Texaco's letter of October 10, 1967, transmitting the Consent of Surety to The Travelers' agent for execution.

3. Copy of agent's letter transmitting Consent of Surety to Travelers' New York office for execution.

The fully executed Consent of Surety will be forwarded to you promptly upon its receipt from Travelers.

Very truly yours,

A. L. PROTSMAN

By G. L. Barton
G. L. Barton
Supervisor (Land Records)

435

GLB:WH
Attach.

THE TRAVELERS INDEMNITY COMPANY
HARTFORD, CONNECTICUT
(A STOCK COMPANY)

CONSENT OF SURETY

To be attached to and form a part of Drilling Bond No. 837525 issued by THE TRAVELERS INDEMNITY COMPANY, as Surety on behalf of TEXACO INC. as Principal and in favor of The State of Arizona.

WHEREAS under Designation of Operator dated October 2, 1967 (copy attached hereto and made a part hereof) TEXACO INC. has authorized and permitted D. J. Simmons, whose address is 3024 East Main, Farmington, New Mexico, to conduct drilling operations upon the following described land which is subject to Navajo Tribal Oil and Gas Lease Contract No. 14-20-0603-8841:

Township 36 North, Range 27 East,
Apache County, Arizona
Section 30: SE¼SW¼

NOW, THEREFORE, Surety and Principal herein hereby give their consent and agree that Bond No. 837525 shall cover the operation of said D. J. Simmons on the above described lands the same as though TEXACO INC. were conducting said operation.

The above numbered bond shall be subject to all its agreements, limitation and conditions except as herein expressly modified.

Signed, Sealed and dated the____day of October, 1967.

D. J. Carter
Witness
Ft Hort 10/11/67

TEXACO INC.
By M. M. Murry
Agent and Attorney-in-Fact

THE TRAVELERS INDEMNITY COMPANY

By_____
Attorney-in-Fact

435

✓A-1040

Form 9-1123
(Rev. Dec. 1957)

(Submit in triplicate to appropriate Regional Oil and Gas or Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Indian Affairs, holder of lease

District Land Office: Navajo Agency, Window Rock, Arizona
Serial No.: Contract No. 14-20-0603-8841
Approved November 17, 1964 by Dept. of Interior
and hereby designates

Name: D. J. Simmons
Address: 3024 East Main, Farmington, New Mexico

as its operator and local agent, with full authority to act in its 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):

Township 36 North, Range 27 East, Apache County, Arizona
Section 30: SE¼SW¼

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.

TEXACO INC.

By N. J. Kettel
Agent and Attorney-in-Fact

P.O. Box 2100 Denver, Colorado 80201

October 2, 1967
(Date)

43

October 10, 1967

MISC.-205 - SURETY BONDS
ARIZONA

The Travelers Indemnity Company (2)
C/O Scheih and Company
922 Insurance Exchange Building
Denver, Colorado 80202

Gentlemen:

Pursuant to arrangements with your Company, will you kindly execute the enclosed Consent of Surety, prepared in accordance with the following particulars:

1. Consent of Surety required by Arizona Oil and Gas Conservation Commission in connection with sublease to Mr. D. J. Simmons covering lands in Arizona.

2. Necessity for Consent: Required by State of Arizona Oil and Gas Conservation Commission.

3. Name of Obligee: State of Arizona.

4. Name of Principal: TEXACO Inc.

5. Enclosures Consent of Surety in quadruplicate.

6. Premium chargeable to Texaco Inc., Land Department, Denver Division.

7. Address future correspondence and premium notice to:
Division Landman, TEXACO Inc.
Denver Division
P. O. Box 2100
Denver, Colorado 80201

435

Please return the original and two copies of the enclosed Consent properly executed to us at your early convenience together with a copy of the proper Power of Attorney.

Very truly yours,

A. L. PROTSMAN

By_____
G. L. Barton
Supervisor (Land Records)

GLB:VBS
Encl.

(Blind) FEB

435

SCHEIB AND COMPANY
922 INSURANCE EXCHANGE BLDG.
DENVER, COLORADO

Air Mail

October 12, 1967

Surety Department
The Travelers Indemnity Company
80 John Street
New York, N. Y. 10038

Re: Bond No. 837525 - TEXACO INC.

Gentlemen:

Enclosed herewith copy of Texaco Inc.'s request letter and four copies of Consent of Surety in connection with the above captioned bond.

We do not find where we executed this bond, therefore, have no information pertaining to it and we ask that you have the Consent executed and return all four copies to us for forwarding to Texaco Inc.

Yours very truly,

Donald D. Scheib

Manager

mmf
Encls.
cc: Mr. A. L. Protsman
Texaco Inc.
P.O. Box 2100
Denver, Colorado
Attn: Mr. G. L. Barton

Have executed rider to increase to $35,000.00

435

October 13, 1967

Re: Simmons #1 Navajo
SE SW 30-36N-27E, Apache County
Permit 435

This well is being drilled as of this date.

Mr. Simmons was contacted in Farmington (505-325-4564) on October 9, 1967, the date this Commission received his application to drill. At this time Mr. Simmons did advise that this well was being drilled under Texaco's state-wide bond which is on file with this Commission.

On this date we have been advised by Mr. G L Barton, Texaco, Inc., Denver, that consent of surety to cover Mr. Simmons is being secured and that this well will be covered under Texaco's bond.

In view of these circumstances this office is not closing down the drilling of this well. However, the permit to drill will not be issued until receipt of consent of surety. Mr. Barton assured me that a letter setting forth these circumstances will be in the mail to the Commission immediately.

Mr. Barton was advised that this permit would not be approved pending receipt of the necessary consent of surety.

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D. J. SIMMONS
3590 McCart Street
Fort Worth, Texas 76110

October 9, 1967

State of Arizona Oil & Gas Conservation Commission
1624 W. Adams Street
Phoeniz, Arizona

Attention: Mr. John Bannister

Dear Mr. Bannister:

I am enclosing a copy of the Designation of Operator from Texaco Inc. to D. J. Simmons which covers the operations on the proposed drilling site. Since we will be drilling under Texaco's bonds, all bond requirements should be presently satisfied.

As to the Organization permit etc., we will return the required filled in forms as soon as we receive the blank forms from you.

Sincerely,

D. J. SIMMONS

RECEIVED
OCT 10 1967
STATE O & G
CONS. COMM.

435

Form [illegible]
(Rev. [illegible])

(Prior to [illegible] to appropriate
[illegible] on Mining Supervisor)

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Indian Affairs, lessee of lease

Serial No. [illegible]
Indian No.: [illegible]
Approved [illegible]

[illegible] Navajo, Apache, Arizona
[illegible]
[illegible] Department of the Interior

and hereby designates

Name: D. E. Simmons
Address: [illegible]

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

Township 26 North, Range 27 East, [illegible] County, Arizona
Section 30: SE[illegible]

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 regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the [illegible] of any change in the designated operator.

[illegible] INC.

By _____
Agent and Attorney-in-Fact

October 2 1967
(Date)

[illegible] Denver, Colorado [illegible]

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RECEIVED
OCT 10 1967
STATE O & G
CONS. COMM.

AIR MAIL

October 9, 1967

Texaco Inc.
P.O. Box 2100
Denver, Colorado 80201

Attention: Mr. C.L. Barton

Re: D.J. Simmons #1 Navajo
SE SW 30-36N-27E, Apache County, Arizona

Travelers Indemnity Co., Bond 837525

Gentlemen:

We have been in contact with Mr. D.J. Simmons as to the drilling of the captioned well. Mr. Simmons advised that he is drilling under Texaco's bond.

This will be satisfactory; however, we will need consent of surety that this well be placed under your bond. This of course should be done prior to commencement of operations. Consequently, will you please secure the necessary consent of surety and forward to us at your earliest convenience.

Your cooperation is appreciated.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Mr. D.J. Simmons
Travelers Indemnity Co., 2200 N. Central, Phoenix, Arizona

October 9, 1967

Mr. D.J. Simmons
c/o Town House
903 W. Main
Farmington, New Mexico 87401

Dear Mr. Simmons:

Re: Simmons #1 Navajo
SE SW 30-36N-27E, Apache County, Arizona

Per our telephone conversation of this date, we are enclosing for your completion our Form 1, Organization Report. This should be filled out and returned at your earliest convenience.

For your information we are enclosing a copy of the letter written to Texaco concerning your operating under their bond.

We note that on your application for permit to drill you have failed to indicate the 80-acre dedication for this well. Consequently we are taking the liberty of dedicating the west half of the southwest quarter of Section 30 to this well.

Should you have any questions at any time, please advise.

Very truly yours,

John Bannister
Executive Secretary
mr
enc