

CONFIDENTIAL
Release Date 9-7-64

P-W

BTTES GAS & OIL #1 NAVAJO
SW NW 5-35N-28E Apache County, AZ

sl

COUNTY Apache AREA 5 1/2 mi SE Trading Post LEASE NO. Nav. 14-20-0603-8850

WELL NAME BUTTES GAS & OIL CO. #1 NAVAJO

LOCATION SW NW SEC 5 TWP 35N RANGE 28E FOOTAGE 1980' FNL c 660 FWL
ELEV 5825 GR 5835 KB SPUD DATE 7-28-66 STATUS TOTAL DEPTH 3030'
COMP. DATE 8-18-66

CONTRACTOR O'Donnell Ewing

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
<u>13 3/8</u>	<u>207'</u>	<u>210 SKS</u>	<u>NA</u>	<u>x</u>
				DRILLED BY CABLE TOOL <u> </u>
				PRODUCTIVE RESERVOIR <u> </u>
				INITIAL PRODUCTION <u>Dry</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Moenkopi	0		x	
DeChelly	332'			
Organ Rock	850'			
Hermosa	1795'			
Molas	2300'			
Ouray	2570'			
Elbert	2610'			
McCracken	2795'			
Aneth	2880'			
Cambrian	2975'			
Pre-Cambrian	2990'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>IE, GR Sonic</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP. <u> </u>
			SAMPLE NO. <u> </u> <u>*1371</u>
			CORE ANALYSIS <u> </u>
			DSTs <u>x</u>
			*Tucson 2048

REMARKS Designation of Operator from W. T. Blackburn 6-24-66

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

WATER WELL ACCEPTED BY

BOND CO. Pacific Indemnity Co. BOND NO. 323866
DATE ORGANIZATION REPORT 6-15-66

BOND AMT. \$ 5,000 CANCELLED 9-12-66
FILING RECEIPT 9452 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 02-001-05256 DATE ISSUED 6-20-66 DEDICATION W/2 NW/4

PERMIT NUMBER 354

(over)

CONFIDENTIAL
Release Date 9-7-66

DRILL STEM TEST

NO.	FROM	TO	RESULTS
1	2195	2210	Packer failed

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

354
ARIZONA
APACHE CO.
WILDCAT (W)



Petroleum Information Corp.
Denver, Colorado
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Twp 35n-28e
Section 5
SW NW
1980 s/n 660 e/w

OPR: Buttes Gas & Oil

WELL #: 1 Navajo

ELEV: 5835 KB

DSTS. & CORES:

SPUD: 7-30-66 COMPL: 8-18-66

TOPS: Log-~~82000~~

Very SSO in Pennsylvanian
samples. No cores or tests.

TD: 3030 PB:

DeChelly 332
Hermosa 1795
Molas 2303
Mississippian 2385
Ouray ls 2570
Elbert 2610
McCracken 2795
Aneth 2895
Cambrian 2985
preCambrian 3010

CSG: 13-3/8" @ 207 w/210

PERF:

PROD. ZONE:

INIT. PROD: D&A

Contr: O'Donnell & Ewing

ARIZ2-663190

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

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

DESCRIPTION OF WELL AND LEASE

Operator **Buttes Gas & Oil Co.** Address **2150 Franklin Street, Oakland, Calif.**

Federal, State or Indian Lease Number or name of lessor if fee lease **Navajo Lease No. 14-20-0603-8850** Well Number **Navajo 1** Field & Reservoir **North Defiance**

Location **1980' South and 660' East from NW corner** County **Apache**
Sec. 5, T35N, R28E

Sec. TWP-Range or Block & Survey
Sec. 5, T35N, R28E

Date spudded **7/28/66** Date total depth reached **8/16/66** Date completed, ready to produce **-** Elevation **5835** feet Elevation of casing hd. flange **-** feet

Total depth **3030'** P.B.T.D. **550'** Single, dual or triple completion? **-** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **-** Rotary tools used (interval) **0-3030'** Cable tools used (interval) **-**

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

Type of electrical or other logs run (check logs filed with the commission) **Schlumberger 1-E(X), Gamma Ray-Sonic (X)** Date filed **(Attached) 9/9/66**

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	17 1/4"	13-3/8"	54	207	210	0

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
- in.	- ft.	- ft.	- in.	- ft.	- ft.	-	-

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
-	-	-	-	-

INITIAL PRODUCTION

Date of first production **Dry** Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) **-**

Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity
-	-	-	- bbls.	- MCF	- bbls.	- ° API (Corr)

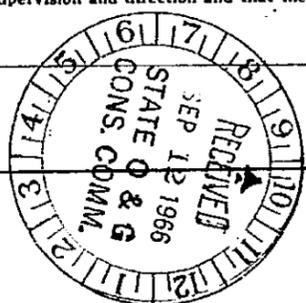
Tubing pressure	Casing pressure	Cal'ed rate of Production per 24 hrs.	Oil	Gas	Water	Gas-oil ratio
-	-	-	- bbls.	- MCF	- bbls.	-

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 Operations Manager of the Buttes Gas & Oil Co. (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 9/9/66

Signature John E. Wey
 John E. Wey



Permit No. #354

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

DETAIL OF FORMATIONS PENETRATED

Formation*	Top	Bottom	Description*
Moenkopi	0	332'	
<u>PERMIAN</u>			
DeChelly	332'		
Organ Rock	850'		
<u>PENNSYLVANIAN</u>			
Hermosa	1795'		
Molas	2300'		
<u>MISSISSIPPIAN</u>			
<u>DEVONIAN</u>			
Ouray	2570'		
Elbert	2610'		
McCracken	2795'		
Aneth	2880'		
<u>CAMBRIAN</u>	2975'		
<u>PRE-CAMBRIAN</u>	2990'		
<u>TOTAL DEPTH</u>	3030'		

* 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 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.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8850

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Navajo

8. FARM OR LEASE NAME

1

10. FIELD AND POOL, OR WILDCAT

wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

5, T-35N, R-28E, G & SH

12. COUNTY OR PARISH
Apache

13. 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.)

1. OIL WELL GAS WELL OTHER

Dry hole

2. NAME OF OPERATOR

Buttes Gas and Oil Company

3. ADDRESS OF OPERATOR

2150 Franklin Street, Oakland, California

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1980' from north line
660' from west line

14. PERMIT NO.

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

5825 ground

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Set following cement plugs in compliance with U.S.G.S. instructions:

50 sacks
50 sacks
50 sacks
100 sacks

550' to 700'
1700' to 1850'
2250' to 2400'
2700' to 3030'

Welded dry hole marker onto surface casing.
Cleaned location and abandoned.



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

SIGNED

John E. Wey
John E. Wey

TITLE

Operations Manager

DATE

8/22/66

(This space for Federal or State office use)

APPROVED BY

John Kinner
John Kinner

TITLE

DATE

9-7-66

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

354

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-0603-8850

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
5-T35N, R-28E, G & SRM

12. COUNTY OR PARISH
Apache

13. 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.)

1. OIL WELL GAS WELL OTHER **Dry hole**

2. NAME OF OPERATOR
Buttes Gas and Oil Company

3. ADDRESS OF OPERATOR
2150 Franklin Street, Oakland, California

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

**1980' from north line
660' from west line
Section 5, T-35N, R-28E, G & SRM**

14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5825 ground

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 checked="" 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"/>	

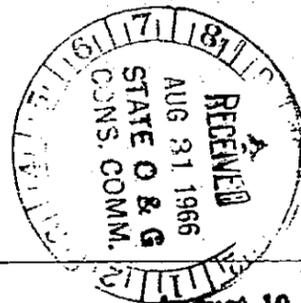
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (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.)*

Propose to set following cement plugs:

Total depth (3030') to 2700'	100 sacks
2400' to 2250'	50 sacks
1850' to 1700'	50 sacks
700' to 550'	50 sacks

Weld dry hole marker onto surface casing leaving upper portion of the hole available for a water well, if so desired.



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

SIGNED J. E. Wey
(This space for Federal or State office use)

TITLE **Operations Manager**

DATE **August 19, 1966**

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

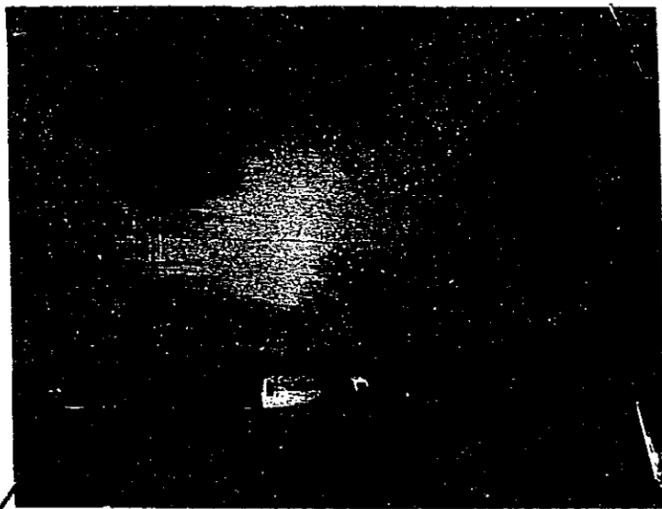
354

*See Instructions on Reverse Side

15

116

113



August 4, 1966

Butesi

Drilling with mud 1702'

354

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Buttes Gas & Oil Co.
 2. OIL WELL GAS WELL OTHER (Specify) Exploratory
 3. Well Name Buttes et al Navajo No. 1
 Location 1980' South and 660' East from NW corner of
 Sec. 5 Twp. 35N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Lease No. 14-20-0603-8850
 5. Field or Pool Name North Defiance

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 checked="" 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) <input type="checkbox"/>	ABANDONMENT <input 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.)

8-2-66 Drilled 7 7/8" hole from 852' to 2075'. Twisted off at 2075'.
 to 5" drill collar in hole.
 8-6-66
 8-7-66 Ran in Bowen socket, set of jars and bumper sub. Recovered fish
 8-8-66 Drilled 7 7/8" hole from 2075' to 3030' T.D.
 to
 8-16-66
 8-17-66 Ran I-ES, Gamma Ray and Sonic logs from 3030'-1800'.
 Ran Halliburton straddle tester. D.S.T No. 1 2195'-2210'.
 Packers failed. Plug No. 1 3030'-2700' with 95 sx. Plug No. 2
 2400'-2250' with 44 sx. Plug No. 3 1850'-1700' with 44 sx.
 Plug No. 4 700'-550' with 44 sx.
 8-18-66 Laid down drill pipe and removed BOE. Installed dry hole
 marker on 13 3/8" surface casing. Left well for Navajo
 reservation to convert to water well. Released rig. Well
 abandoned 8-18-66.

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

Signed John E. Wey Title Operations Mgr. Date August 29, 1966

Permit No. 354



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

John - → Granted ^{verbally} permission to plug set
9:20 a.m. 8-18-66

Harold Budd called: @ Permission

for plugging Buttes; Have run logs:
TD 3030.

Attempted DST in Pennsylvanian
2195-2210: packer failed.

Will deliver samples to Four
Corners Cut in Farmington.

(Am sending him completion forms)

8-18-66
Granted verbal permission
to plug set

Buttes Gas & Oil Co.
Buttes et al Navajo No. 1
North Defiance
Apache County, Arizona

Page 4

Laid down drill pipe and removed BOE. Installed dry hole
marker on 13 3/8" surface casing. Left well for Navajo
reservation to convert to a water well.

WELL ABANDONED AND RIG RELEASED AT 6:00 P.M. ON 8-18-66.

Buttes Gas & Oil Co.
Buttes et al Navajo No. 1
North Defiance
Apache County, Arizona

Page 3

1966

8/13 Drilled 7 7/8" hole to 2783'.
Mud: 74 lbs., 56 sec., 7.2 cc., 2/32", 3% sand.

8/14 Drilled 7 7/8" hole to 2852'.
Mud: 74 lbs., 49 sec., 8.6 cc., 2/32", 2% sand.

8/15 Drilled 7 7/8" hole to 2935'.
Mud: 75 lbs., 55 sec., 7.6 cc., 2/32", 2% sand.

8/16 Drilled 7 7/8" hole to 3030' TOTAL DEPTH.
Mud: 75 lbs., 50 sec., 7.5 cc., 2/32", 2% sand.

8/17 Circulated and conditioned mud for electric log.
Ran Schlumberger I-ES log, recording from 3029'-210' and
Gamma Ray-Sonic log recording from 3030'-1800'.

DST NO. 1 Interval 2195'-2210'

Ran Halliburton straddle tester with 7" packers to test
interval 2195'-2210'.
Packers failed.

8/18 Plug No. 1 3030'-2700'

With open end drill pipe hanging at 3030' mixed and equalized
95 sx. API Class "A" premixed with 2% CaCl₂. CIP 4:15 a.m.

Plug No. 2 2400'-2250'

With open end drill pipe hanging at 2250' mixed and equalized
44 sx. API Class "A" cement premixed with 2% CaCl₂. CIP 5:10 a.m.

Plug No. 3 1850'-1700'

With open end drill pipe hanging at 1700' mixed and equalized
44 sx. API Class "A" cement premixed with 2% CaCl₂. CIP 5:26 a.m.

Plug No. 4 700'-550'

With open end drill pipe hanging at 550' mixed and equalized
44 sx. API Class "A" cement premixed with 2% CaCl₂. CIP 12:42 p.m.

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Buttes Gas & Oil Co.
Buttes et al Navajo No. 1
North Defiance
Apache County, Arizona

Page 2

1966

- 7/31 Cement in place 4:21 a.m. Stand cemented 4 hrs. Landed casing and installed casing head. Installed BOP and tested at 1000 psi/30 min., held o.k. Drilled out plug and drilled 7 7/8" hole to 778'.
Mud: 65 lbs., 43 sec., 2% sand.
- 8/1 Drilled 7 7/8" hole to 1055'.
Mud: 65 lbs., 40 sec., 2% sand.
- 8/2 Drilled 7 7/8" hole to 1330'.
Mud: 64 lbs., 35 sec., 2 1/2% sand.
- 8/3 Drilled 7 7/8" hole to 1494'.
Mud: 66 lbs., 40 sec., 2 1/2% sand.
- 8/4 Drilled 7 7/8" hole to 1820'. Installed Baroid Logging Unit at 1500'.
Mud: 72 lbs., 45 sec., 2% sand.
- 8/5 Drilled 7 7/8" hole to 1967'.
Mud: 72 lbs., 50 sec., 7.2 cc., 2/32", 2% sand.
- 8/6 Drilled 7 7/8" hole to 2075'. Twisted off leaving 5 drill collars.
Mud: 73 lbs., 50 sec., 7.2 cc., 2/32", 2% sand.
- 8/7 Ran in and recovered drill collars. Drilled 7 7/8" hole to 2140'.
Mud: 75 lbs., 50 sec., 7.4 cc., 2/32", 2% sand.
- 8/8 Drilled 7 7/8" hole to 2279'.
Mud: 75 lbs., 50 sec., 8.4 cc., 2/32", 2% sand.
- 8/9 Drilled 7 7/8" hole to 2391'.
Mud: 75 lbs., 48 sec., 8.0 cc., 2/32", 2% sand.
- 8/10 Drilled 7 7/8" hole to 2503'.
Mud: 74 lbs., 50 sec., 8.0 cc., 2/32", 3% sand.
- 8/11 Drilled 7 7/8" hole to 2629'.
Mud: 74 lbs., 50 sec., 8.0 cc., 2/32", 3% sand, 9.0 pH.
- 8/12 Drilled 7 7/8" hole to 2680'.
Mud: 76 lbs., 56 sec., 7.2 cc., 2/32", 3% sand.

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND, CALIFORNIA 94612
(415) 893-0364

August 30, 1966

HISTORY OF OIL OR GAS WELL

OPERATOR Buttes Gas & Oil Co. FIELD North Defiance

WELL NO. Buttes et al Navajo No. 1, SEC. 5, T. 35N, R. 28E,

Apache County, Arizona.

DATE August 1966

2150 Franklin Street, Oakland, Calif. 94612
(Address)

415-893-0364
(Telephone No.)

SIGNED

John E. Wey

TITLE Operations Manager

DATE

LOCATION: 1980' South and 660' East from the Northwest corner of section 5, T35N, R28E, Apache County, Arizona.

CONTRACTOR: O'Donnell and Ewing, Inc. Bert McComack, Drilling Superintendent

ELEVATION: All measurements are taken from the Kelly Bushing which is 10' above the ground elevation of 5825' K.B. elevation is 5835'.

1966
7/28

Spudded well at 9 p.m., July 28, 1966. Drilled 17½" hole to 20'
Mud: 67lb., 35 sec., 2% sand.

7/29

Drilled 15" hole to 55', 12½" hole to 187'.
Mud: 65 lb., 45 sec., 3% sand.

7/30

Drilled 12½" hole to 210', opened 15" hole to 17½" from 20' to 55'
and 12½" hole to 17½" hole from 55' to 210'.
13 3/8" casing cemented at 207' with 210 equivalent sx.

Ran 5 joints, 208' overall, of 13 3/8", 54 lb., J-55 limited service casing to 207'. Shoe joint equipped with Baker guide shoe and centralizer on bottom collar. Cemented through guide shoe with 210 sx. of API class "A" cement premixed with 2% CaCl₂. Displaced with 180 cu. ft. of mud. Good returns to surface.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Buttes Gas & Oil Co.
 2. OIL WELL GAS WELL OTHER (Specify) Exploratory
 3. Well Name Buttes et al Navajo No. 1
 Location 1980' South and 660' East from NW corner of
 Sec. 5 Twp. 35N Rge. 28E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Lease No. 14-20-0603-8850

5. Field or Pool Name North Defiance

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 checked="" 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) <input type="checkbox"/>	ABANDONMENT <input 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.)

7-28-66 Commenced drilling operations at 10 P.M. 7-28-66. O'Donnell and Ewing, Drilling Contractor. Bert McComack, Contractor Foreman.

7-29-66 Drilled 17 1/4" hole to 30' and 15" hole to 55'.
 to Reduced hole and drilled 12 1/4", 210'. Opened hole
 8-1-66 to 17 1/4" from 30' to 210', cemented 207' of 13 3/8",
 54#, J-55 with 210 sx. Drilled 7 7/8" hole from
 210' to 852'.



8. I hereby certify that the foregoing is true and correct.
 Signed John E. Wey Title Operation Manager Date 8-8-66

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

Permit No. 345
354

SUPERVISOR, OIL AND GAS OPERATIONS:

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Indian Affairs, partial Lessee of Oil and Gas Mining Lease - Tribal Indian Lands, Contract No. 14-20-0603-8850, and hereby designates:

BUTTES GAS & OIL CO.
2150 Franklin Street
Oakland, California 94612

as his operator and 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 Oil and Gas Operating Regulations with respect to:

Protraction Diagram No. 37 - Approved 2/11/60
Township 35 North - Range 28 East - G. & S. R. M.

Section 5: All

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 Oil and Gas 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 oil and gas supervisor of any change in the designated operator.


(Signature of lessee)
W. T. Blackburn

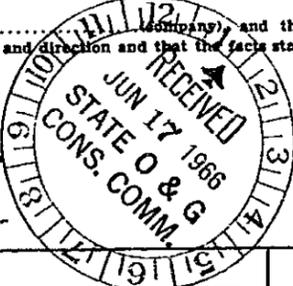
1650 Denver Club Building
Address

Denver, Colorado 80202

JUN 24 1966

(Date)

354

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER		
APPLICATION TO DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RE-ENTER OLD WELL <input type="checkbox"/>		
NAME OF COMPANY OR OPERATOR Buttes Gas & Oil Co.		DATE June 15, 1966
2150 Franklin Street		Oakland California
Address		City State
DESCRIPTION OF WELL AND LEASE		
Federal, State or Indian Lease Number or name of lessor, if fee lease Navajo Tribal Contract No. 14-20-0603-8850	Well number No. 1	Elevation (ground) 5825.0'
Well location and acreage dedicated to the well (give footage from section lines) Section—township—range or block & survey 1980' from north line, 660' from west line, Section 5, T35N, R28E, G&SRM		
Field & reservoir (if wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office 5.5 miles SE of Round Rock Trading Post, Arizona		
Nearest distance from proposed location to property or lease line: 660 feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Proposed depth: 3700'	Rotary or cable tools Rotary	Approx. date work will start 6-25-66
Number of acres in lease: 640	Number of wells on lease, including this well, completed in or drilling to this reservoir: None	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
Status and amount of bond \$5,000.00	Organization Report On file <input type="checkbox"/> Or attached <input checked="" type="checkbox"/>	Filing Fee of \$25.00 <input checked="" type="checkbox"/> Attached
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)		
<p>Proposed to drill 17 1/4" hole to 275' with mud. Set 13 3/8" surface casing with 200 sacks of API Class "G" cement, 2% CaCl₂. Drill 7 7/8" hole with mud. If water flow is encountered above 1500', will ream 7 7/8" hole to 12 3/4" and set 9 5/8" intermediate string. If no water flow is encountered, will drill 7 7/8" hole to total depth. Set 5 1/2" casing for production string, if needed.</p>		
*Fill in Proposed Casing Program on reverse side		
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Operations Manager</u> of the <u>Buttes Gas & Oil Co.</u> 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.		
CONFIDENTIAL		Signature <u>J. E. Wey</u> Date <u>June 15, 1966</u>
	Release Date _____	
Permit Number: <u>354</u>	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Application to Drill, Deepen or Plug Back and Plat File Two Copies	
Approval Date: <u>6-20-66</u>		
Approved By: <u>John Banister</u>		
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		
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 Operating Agreement
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner	Land Description
W. T. Blackburn	
Anadarko Production Company	

	CERTIFICATION
	I hereby certify that the information above is true and complete to the best of my knowledge and belief.
	Name J. E. Wey
	Position Operating Manager
	Company Buttes Gas & Oil Co.
Date June 15, 1966	
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.	
Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
13 3/8"	48		surf.	275'		200
5 1/2	15.5		surf.	total depth		200

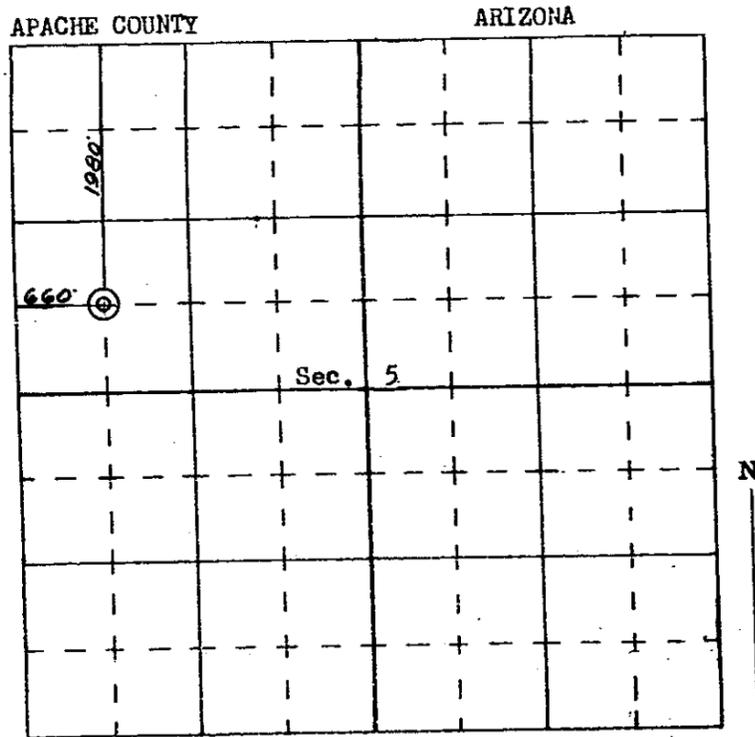
COMPANY BUTTES GAS & OIL COMPANY

LEASE _____ WELL NO. _____

SEC. 5 T. 35 NORTH R. 28 EAST, G&SRM

LOCATION 1980 FEET FROM THE NORTH LINE and
660 FEET FROM THE WEST LINE

ELEVATION 5825.0



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



James P. Leese
 Registered Land Surveyor.

JAMES P. LEESE
 Ariz. Reg. No. 1849

SURVEYED May 26, 1966, 19__

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.



PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: BUTTES GAS & OIL COMPANY
(OPERATOR)

to drill a well to be known as

BUTTES GAS & OIL #1 NAVAJO
(WELL NAME)

located 1980 FEET FROM NORTH LINE, 660 FEET FROM WEST LINE

Section 5 Township 35N Range 28E, Apache County, Arizona.

The WEST HALF of NORTHWEST QUARTER 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 20th day of June, 1966.

OIL AND GAS CONSERVATION COMMISSION

By John Barnette
EXECUTIVE SECRETARY

PERMIT N^o 354

RECEIPT NO. 9452

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27



Oil and Gas Conservation Commission
STATE OF ARIZONA

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

April 8, 1991

Mr. Thompson Johnson
Minerals Department
Navajo Nation
P. O. Box 146
Window Rock, AZ 86515

Dear Mr. Johnson:

As you requested last Friday, I am sending a copy of the Buttes Gas and Oil Company Navajo 1 well file. The enclosed material includes completion and activity reports, correspondence, and the electric log.

Please call me if you have any questions.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Specialist

(EXECUTED IN DUPLICATE)

BOND

KNOW ALL MEN BY THESE PRESENTS

323866

BOND SERIAL NO.

That we: Buttes Gas & Oil Co.

of the County of: Alameda in the State of: California

as principal, and PACIFIC INDEMNITY COMPANY, a California Corporation

of 3200 Wilshire Boulevard, Los Angeles, California

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the Oil and Gas Conservation Commission, State of Arizona, in the penal sum as indicated, lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents. The conditions of this obligation is that whereas the above bounden principal proposes to drill a well or wells for oil, gas, helium, other minerals, or for stratigraphic purposes in and upon the following described land situated within the State, to wit:

All of hypothetical Section 5, Township 35 North, Range 28 East,
protracted
(May be used as blanket bond or for single well)

G. & S.R.M., containing 640 acres:

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation Commission, especially with reference to the requirements of A.R.S. 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil & Gas Conservation Commission all notices and records required by said Commission, in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, then this obligation is void; otherwise, the same shall be and remain in full force and effect. Liability under this bond may not be terminated without written permission of this commission.

Penal sum of Five Thousand Dollars (\$5,000.00)

Witness our hands and seals, this 15th day of June, 1966

BUTTES GAS & OIL CO.
By: [Signature]
By: [Signature]
SECRETARY
Principal

Witness our hands and seals, this 15th day of June, 1966

PACIFIC INDEMNITY COMPANY
By: [Signature]
F. W. Trotter, Surety Attorney-in-Fact

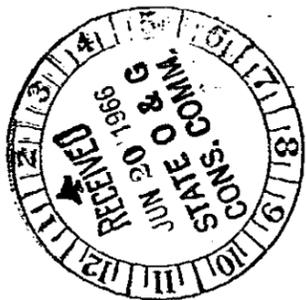
Surety, Resident Arizona Agent
(If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: 6-20-66
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. 354



PACIFIC INDEMNITY COMPANY
 HOME OFFICE: LOS ANGELES, CALIFORNIA
 TEXAS PACIFIC INDEMNITY COMPANY
 HOME OFFICE: DALLAS, TEXAS
 NORTHWESTERN PACIFIC INDEMNITY COMPANY
 HOME OFFICE: PORTLAND, OREGON

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that the PACIFIC INDEMNITY COMPANY
 a corporation of the State of California, by authority of a resolution adopted by its Board of
 Directors at a meeting called and held on the 8th day of February, 1926, which said
 resolution is still in full force and effect and of which the following is a true and complete copy:

"RESOLVED, that the President or any Vice-President may from time to time appoint Resident Vice-Presidents, Resident
 Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Company, and either the President, or
 any Vice-President, the Board of Directors or the Executive Committee may at any time remove any such Resident Vice-President
 or Resident Assistant Secretaries and Attorneys-in-Fact and revoke the power and authority given him; and be it further

"RESOLVED, that Attorneys-in-Fact may be given full power and authority to execute for and in the name and on behalf of
 the Company, any and all bonds, recognizances, contracts of indemnity and other writings obligatory in the nature of a bond,
 recognizance or conditional undertaking, and any such instrument executed by any such Attorney-in-Fact shall be as binding
 upon the Company as if signed by the President and sealed and attested by the Secretary; and be it further

"RESOLVED, that the Attorneys-in-Fact are hereby authorized to verify any affidavit required to be attached to bonds, recog-
 nizances or contracts of indemnity, policies of insurance and all other writings obligatory in the nature thereof."

does hereby make, constitute and appoint

F. W. TROTTER, San Francisco, California

its true and lawful Attorney-in-Fact, with full power and authority to make, execute and deliver, for it, in its
 name and in its behalf, as surety any and all bonds and undertakings of suretyship.

And the execution of such bonds or undertakings, in pursuance of these presents, shall be as binding upon
 the said Corporation, as fully and amply, to all intents and purposes, as if they had been duly executed and
 acknowledged by the regularly elected officers of the said Corporation in their own proper persons.

IN WITNESS WHEREOF, the PACIFIC INDEMNITY COMPANY
 has caused these presents to be signed by its Vice-President and its corporate seal to be hereto affixed, duly
 attested by its Assistant Secretary, this 6th day of March A.D. 1961.

Attest: C. H. Lambertson Assistant Secretary. By: R. L. Travis Vice-President.

STATE OF CALIFORNIA, } ss.:
 COUNTY OF LOS ANGELES }

On this 6th day of March A. D. 1961, before me personally came

R. L. Travis to me known, who, being by me duly

sworn, did depose and say, that he resides in the City of Los Angeles, California; that he is the Vice-President of the PACIFIC

INDEMNITY COMPANY

the corporation described in and which executed the above instrument; that he knows the seal of said corporation, that the seal affixed
 to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed
 his name thereto by like order.

(Notarial Seal)

Marion F. Haire Notary Public.

My Commission expires November 11, 1963.

STATE OF CALIFORNIA, } ss.:
 COUNTY OF LOS ANGELES }

I, Elizabeth H. Jones Assistant Secretary of the PACIFIC
INDEMNITY COMPANY, do hereby certify that the above and foregoing is a true and

correct copy of a Power of Attorney executed by said PACIFIC INDEMNITY COMPANY
 which is still in force and effect.
 IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Company, at the City
 of Los Angeles, this 6th day of June A. D. 1966.

DATE

9-12-66

Elizabeth H. Jones
 Assistant Secretary.

September 12, 1966

Buttes Gas & Oil Co.
2150 Franklin Street
Oakland, California 94612

Attention: Mr. John E. Way, Operations Manager

Re: Buttes Gas & Oil #1 Navajo well
SW NW 5-35N-28E, Apache County, Arizona
Permit 354

Pacific Indemnity Company Bond 323866

Gentlemen:

The captioned well has been completed and all obligations of this Commission's Rules and Regulations have been met.

This letter, then constitutes authority from this Commission to terminate captioned bond.

Your cooperation has been very much appreciated.

Very truly yours,

John Bannister
Executive Secretary
nr

cc: Pacific Indemnity Company
3200 Wilshire Boulevard
Los Angeles, California

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND, CALIFORNIA 94612
(415) 893-0364

September 9, 1966

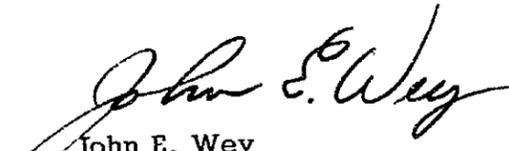
Mr. John Bannister, Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
1624 West Adams - Room 202
Phoenix, Arizona 85007

Dear Mr. Bannister:

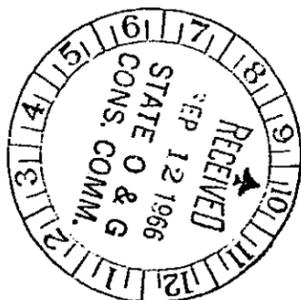
Re: Buttes Gas & Oil Co. No. 1 Navajo
SW NW 5-35N-28E, Apache County
Permit 354

Thank you for your letter of September 7. Enclosed are a copy of Well Completion Report No. 4, a copy of Schlumberger Induction-Electrical Log and a copy of Sonic Log-Gamma Ray (with Caliper).

Very truly yours,


John E. Wey
Operations Manager

JEW:fs
Enclosures



345

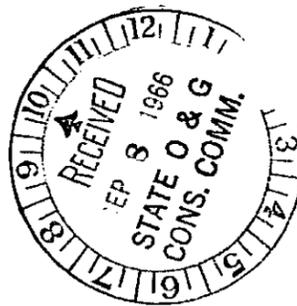
354

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND, CALIFORNIA 94612
(415) 893-0364

September 7, 1966

Mr. Harrell Budd
Largo Management Company
236 Petroleum Plaza Building
Farmington, New Mexico 87401



Dear Harrell:

I received permission today from Anadarko Production Company and W. T. Blackburn to release the logs on the Buttes et al Navajo No. 1 well. You may release the logs to interested parties that have contacted you about them.

I enjoyed your short visit to Oakland and hope to be in that part of the country soon for a visit. Thanks for all of your help and consideration.

Best regards,

John E. Wey
John E. Wey
Operations Manager

JEW:sr

cc: *Arizona Oil and Gas Conservation Commission
W. W. Whitley

#354

September 7, 1966

Buttes Gas & Oil Co.
2150 Franklin Street
Oakland, California 94612

Attention: Mr. John E. Wey, Operations Manager

Re: Buttes Gas & Oil Co. #1 Navajo
SW NW 5-35N-28E, Apache County
Permit 354

Gentlemen:

Enclosed please find two copies of Well Completion Report form which must be filed with this Commission immediately.

In reviewing the information sent in, the forms used by you are satisfactory with the exception that our own Well Completion Report form must be used.

With receipt of this completed form, the requirements to this Commission are satisfied and the bond may be released.

Should you have any questions, please advise. Your cooperation is very much appreciated.

Very truly yours,

John Bannister
Executive Secretary
nr
enc

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND, CALIFORNIA 94612
(415) 893-0364

August 31, 1966

Anadarko Producing Co.
1740 Broadway, Suite B-414
Denver, Colorado

W. T. Blackburn
1650 Denver Club Building
Denver, Colorado

U. S. G. S.
Petroleum Plaza Building
Farmington, New Mexico

Arizona Oil & Gas
Conservation Commission
1624 W. Adams
Phoenix, Arizona

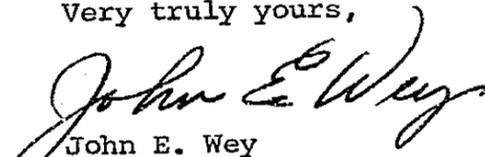
Ground Water Development Dept.
Navajo Tribe
Window Rock, Arizona

Attention: Cato Sells

Gentlemen:

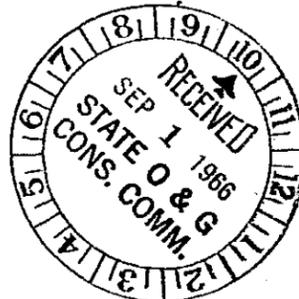
Enclosed please find Notice of Abandonment of Buttes et al Navajo No. 1, Apache County, Arizona. This well was plugged and abandoned on August 18, 1966, as a dry hole.

Very truly yours,


John E. Wey
Operations Manager

JEW:sr

#354



BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND, CALIFORNIA 94612
(415) 893-0364

August 30, 1966

Anadarko Producing Co.
1740 Broadway, Suite B-414
Denver, Colorado

W. T. Blackburn
1650 Denver Club Building
Denver, Colorado

U. S. G. S.
Petroleum Plaza Building
Farmington, New Mexico

Arizona Oil & Gas
Conservation Commission
1624 W. Adams
Phoenix, Arizona

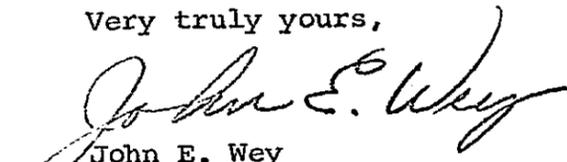
Ground Water Development Dept.
Navajo Tribe
Window Rock, Arizona

Attention: Cato Sells

Gentlemen:

Enclosed please find a copy of Notice Of Intention
to Abandon Buttes et al Navajo No. 1, Apache County,
Arizona.

Very truly yours,


John E. Wey
Operations Manager

JEW:sr

Enclosure



#354

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND 12, CALIFORNIA

TWINDARS 3-0364

July 29, 1966

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

Attention: Mr. John Banister

Gentlemen:

This is to advise you we have commenced drilling operations at the Buttes et al Navajo No. 1 well in Sec. 5, T37N, R26E, Apache County, Arizona at 10 P.M. on July 28, 1966. We are currently drilling a 17½" surface hole at 35'.

Very truly yours,

John E. Wey
John E. Wey
Operations Manager

JEW:sr



354

June 22, 1966

Buttes Gas & Oil Co.
2150 Franklin Street
Oakland 12, California

Attention: Mr. W.H. Smith, Land Department

Re: Buttes Gas & Oil #1 Navajo
SW NW 5-35N-28E, Apache County, Arizona
Permit 354

Gentlemen:

Enclosed are: Receipt 9452 for the filing fee, approved copy of Application to Drill, Permit to Drill, and approved copy of the bond covering your operations on the captioned well.

In order to conform to our spacing requirements (Rule 105), you will note we have shown the west half of the quarter-quarter section as dedicated acreage to this well. If this is not satisfactory to you, please let us know.

This Commission should be currently informed as to the progress of this well. For your convenience we are enclosing forms which may be used for this purpose.

If you have any questions, or if this office may be of help to you in any way, please let us know.

Very truly yours,

John Bannister
Executive Secretary
nr
enc

354

BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND 12, CALIFORNIA

TWINDOAKS 3-0364

June 20, 1966

Mr. John Bannister, Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona

RE: Navajo Lease No. 14-20-0603-8850
North Defiance Area
Apache County, Arizona

Dear Mr. Bannister:

This will confirm our conversation with your Mrs. Rushton wherein I requested that no information concerning the drilling of the Navajo No. 1 Well be given to any party without the consent of Buttes Gas & Oil Co.

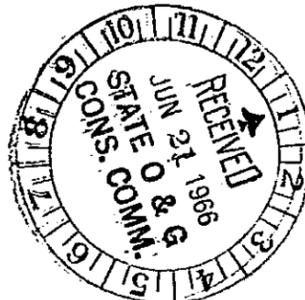
The Navajo No. 1 Well is located in the Northwest quarter of Section 5, Township 35 North, Range 28 East.

Very truly yours,

BUTTES GAS & OIL CO.


W. H. Smith
Land Department

WHS:re



BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND 12, CALIFORNIA
TWINOAKS 3-0364

June 17, 1966

Mr. John Bannister, Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona

Dear Mr. Bannister:

Re: Navajo Lease No. 14-20-0603-8850
North Defiance Area
Apache County, Arizona

In accordance with your instructions, we are pleased to
enclose Surety Bond No. 323866, in duplicate, for Five Thousand
Dollars (\$5,000.00), in connection with the drilling of our Navajo
No. 1 Well.

Please let me know if there is anything further you will
require.

Very truly yours,

BUTTES GAS & OIL CO.

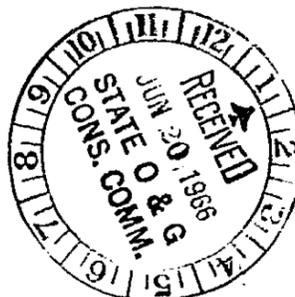


W. H. Smith
Land Department

WHS:fs

Enclosures

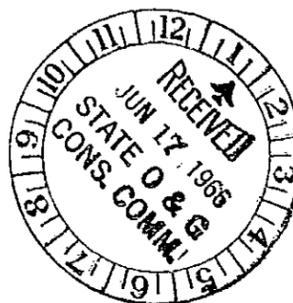
cc: Largo Management Corporation



BUTTES GAS & OIL CO.

2150 FRANKLIN STREET
OAKLAND 12, CALIFORNIA
TWINOAKS 3-0364

June 16, 1966



Mr. John Bannister
Executive Secretary
Oil and Gas Conservation Commission
State of Arizona
Room 202, 1624 West Adams
Phoenix, Arizona

RE: Navajo Lease No. 14-20-0603-8850
North Defiance Area
Apache County, Arizona

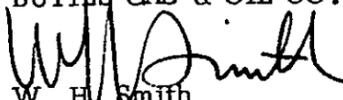
Dear Mr. Bannister:

Enclosed are the following, furnished to you in connection with the drilling of the Navajo No. 1 Well:

1. The original and two copies of an Application for Permit to Drill the Navajo No. 1 well.
2. The original and one copy of Organization Report executed by the Secretary of Buttes Gas & Oil Co.
3. Our check payable to the Oil and Gas Conservation Commission for \$25.00 in payment of the fee for the Permit to Drill.

A single well performance bond is now being signed by our surety and will be furnished to you directly after having been countersigned by their Arizona agent. I discussed with your Miss Marge Rushton the necessity for filing a designation of operator. She indicated that since Buttes owned record title to the lease in question, it was not necessary to do this.

We are hopeful of getting this well spudded before the end of this month, and for that reason would sincerely appreciate your advising us by telephoning us collect that you have granted us permission to drill.

Very truly yours,
BUTTES GAS & OIL CO.

W. H. Smith
Land Department

WHS:re
Enclosures

354

cc: Mr. Harold Budd
Anadarko Production Company
Mr. W. T. Blackburn

CERTIFIED
No. 231508

June 13, 1966

Buttes Gas and Oil Company
2150 Franklin Street
Oakland, Calif. 94612

Gentlemen:

We have been advised that you have staked a location for your #1 Navajo in the SW/4NW/4 Section 5-Township 35North-Range 28East, Apache County, Arizona. We have been contacted by Mr. Harrell Budd, Largo Management Corporation, requesting information concerning your compliance with the Rules and Regulations of the State of Arizona.

Please be advised that this Commission must have Application to Drill, a bond in the amount of \$5,000 for a single well, or in lieu thereof, a \$25,000 bond to cover all wells drilled within the State by your company. This bond must be made payable to this Commission and countersigned by a local resident agent. Of course, powers of attorney should be attached.

The Commission further needs an Organization Report and a copy of the survey of the well location and a \$25.00 filing fee, also payable to the Commission.

Attached for your convenience are copies of the necessary forms, together with copies of the Rules and Regulations for drilling within the State of Arizona.

It should also be pointed out that any drilling done prior to compliance with this Commission's Rules and Regulations is illegal.

Should you have any questions concerning our Rules and Regulations, please contact us.

Very truly yours,

John Bannister
Executive Secretary
mf
cc: Mr. Harrell Budd

354

Largo Management Corporation

236 PETROLEUM PLAZA BLDG. • PHONE: 325-5833
FARMINGTON, NEW MEXICO 87401
June 9, 1966

Mr. Jim Scurlock
Arizona Oil & Gas Conservation Commission
1624 West Adams, Room # 202
Phoenix, Arizona

Dear Jim:

Would you please send me a supply of forms showing intention to drill in Arizona? Buttes Gas and Oil Company intend to drill in Section 5, T-35N, R-28E, on the reservation. As I understand it, it is necessary to file separate forms with the Arizona Oil & Gas Conservation Commission and the U.S.G.S. Is there a fee connected with this filing? Is it necessary for me to be licensed to do business as a geologist in Arizona?

Best regards,

Harrell

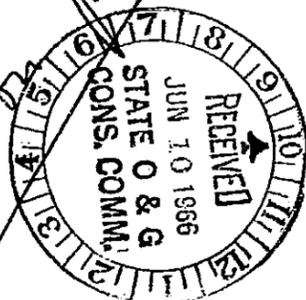
Harrell Budd
Largo Management Corporation

enclosed

no:

*#25.00
check made out to
OIL & GAS C. Comm.
HB/ik*

*Harrell, Harrell -
Bond
Organization Report
Location Plat*



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JLH*

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