

5-23-69  
Release Date  
CONFIDENTIAL



P-W

BUTTES #1-23 NAVAJO SE/4 SE/4  
23-T37N-R27E Apache County 476

sl

COUNTY Apache AREA 8 mi N/Round Rock LEASE NO. 14-20-0603-8455 Navajo

WELL NAME Buttes #1-23 Navajo *Gas + Oil*

LOCATION SE/4 SE/4 SEC 23 TWP 37N RANGE 27E FOOTAGE 660' FSL 660 FEL

ELEV 5780' GR 5790KB KB SPUD DATE 11-7-68 STATUS PCA TOTAL DEPTH 3800'  
COMP. DATE 11-22-68

CONTRACTOR Loffland Brothers

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>9 5/8"</u>	<u>247'</u>	<u>115 sks</u>	<u>NA</u>	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>Dry</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Shinarump	653'	X	X	
Moenkopi	754'			
DeChelly	1068'			
Organ Rock	1779			
Hermosa	2946			
Molas	3625			
Mississippian	3723			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am S, rat</u>
<u>BC SL-2; FDL-2; NPL-2; IEL-3</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP.
			SAMPLE NO. <u>1480</u>
			CORE ANALYSIS
			DSTs

REMARKS This bond switched to Permit #520 11-3-69. CONFIDENTIAL  
request verbal 11-14-68 by El. Riggs (Farmington Geologist)

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

WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Pacific Indemnity Company BOND NO. 326966  
 BOND AMT. \$ 5,000 CANCELLED 10-19-70 DATE \_\_\_\_\_  
5-22-69 ORGANIZATION REPORT 5-8-68  
 FILING RECEIPT 9558 LOC. PLAT x WELL BOOK x PLAT BOOK x  
 API NO. 02-001-20086 DATE ISSUED 10-23-68 DEDICATION E/2 SE/4

PERMIT NUMBER 476

**CONFIDENTIAL**

Release Date 5-22-69

DRILL STEM TEST

NO.	FROM	TO	RESULTS
1	3430	3630	Rec. 2150' Swtr. no pressures recorded. bypass was open

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 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: **420 C.A. Johnson Bldg., Denver, Colorado**

Federal, State or Indian Lease Number or name of lessor if fee lease: **Navajo 14-20-0603-8455** Well Number: **1-23** Field & Reservoir: **Wildcat**

Location: **660' FSL, 600' FEL of Sec 23, T37N, R27E** County: **Apache**

Sec. TWP-Range or Block & Survey: **Section 23, Township 37 North, Range 27 East**

Date spudded: **11/7/68** Date total depth reached: **11/21/68** Date completed, ready to produce: **11/22/68 Abd** Elevation (DF, RKB, RT or Gr.) feet: **5790 RKB** Elevation of casing hd. flange feet: \_\_\_\_\_

Total depth: **3800'** P.B.T.D.: \_\_\_\_\_ 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: **None** Rotary tools used (interval): **0-3800'** 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): **I-ES, Density, Sidewall Neutron and GR-Sonic Caliper** Date filed: \_\_\_\_\_

### 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	12 1/4"	9 5/8"	32.30	247'	115	None

### TUBING RECORD

### LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (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: **P & A** 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 bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

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

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 **Engineer** 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: **December 30, 1968**

Signature: *John E. Way*



Permit No. **476**

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*
Shinarump	653	754	Sandstone, medium-coarse grained
Moenkopi	754	1068	Shale, red-grey.
De Chelley	1068	1779	Sandstone, fine-medium grained.
Organ Rock	1779	2946	Shale, variagated, with streaks of sandstone and limestone.
Hermosa	2946	3625	Limestone, grey-cream, cherty, dense. (Hermosa "Chaetetes" zone - fossiliferous, porous limestone, no shows.
Molas	3625	3723	Shale, variagated, with interbedded limestone.
Mississippian	3723	3800	Limestone, white-grey, dense, crystalline, No shows.
T.D.	3800		
DST #1	3430	3630	Pre-flow 5 min., ISI 60 min., Final flow 90 min, FSI 90 min. Tool opened with weak blow increasing to good blow by end of pre-flow period. Opened on final flow with good to strong blow and decreased slightly at end of period. Blow would not ignite. Recovered 2150' of fluid. Top 330' water cut mud, middle 1700' slightly salty water and bottom 60' drilling mud. No shut-in pressures recorded. B.H. Temp. 100 deg. lhp 1756 psi, FHP 1756 psi, IFP 200 psi, FFP 1051 Psi on PRD @ 3629' depth.

\* 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.

**PLUGGING RECORD**

Operator <b>Buttes Gas &amp; Oil Co.</b>		Address <b>420 C. A. Johnson Bldg, Denver, Colo.</b>	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. <b>14-20-0603-8455</b>		Well No. <b>1-23</b>	Field & Reservoir <b>Wildcat</b>
Location of Well <b>660<sup>1</sup> FSL, 660<sup>1</sup> FEL</b>		Sec-Twp-Rge or Block & Survey <b>23-37N-27E</b>	County <b>Apache</b>
Application to drill this well was filed in name of <b>Buttes Gas &amp; Oil Co.</b>	Has this well ever produced oil or gas <b>No.</b>	Character of well at completion (initial production): Oil (bbls/day) <b>Dry Hole</b> Gas (MCF/day) <b></b> Dry? <b></b>	
Date plugged: <b>11-22-68</b>	Total depth <b>3800<sup>1</sup></b>	Amount well producing when plugged: Oil (bbls/day) <b>Dry Hole</b> Gas (MCF/day) <b></b> Water (bbls/day) <b></b>	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging <b>None</b>	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement

**CASING RECORD**

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
<b>9 5/8"</b>	<b>247</b>	<b>0</b>	<b>247</b>		<b>-----</b>

Was well filled with mud-laden fluid, according to regulations? **Yes** Indicate deepest formation containing fresh water. **Not Recorded**

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

Name	Address	Direction from this well:
<b>None</b>		

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

**Not Applicable.**

Use reverse side for additional detail.

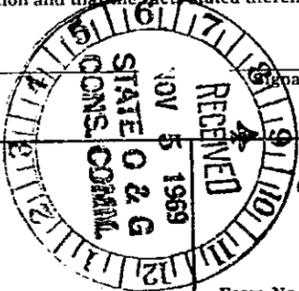
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Engineer** of the **Buttes Gas & Oil Co.** (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein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

Date **10-29-69**

Signature **John E. Wey / by**

*See report dated 12/30/68 rec'd 1/2/69*

Permit No. **476**



STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Plugging Record  
File One Copy

Form No. 10

**PLUGGING RECORD**

Operator <b>Buttes Gas &amp; Oil Co.</b>		Address <b>420 C.A. Johnson Bldg., Denver, Colorado</b>	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. <b>Navajo 14-20-0603-8455</b>		Well No. <b>1-23</b>	Field & Reservoir <b>Wildcat</b>
Location of Well <b>660' FSL, 600' FEL of Sec 23, Township 37 North, Range 27 East</b>			Sec-Twp-Rge or Block & Survey <b>Apache</b>
Application to drill this well was filed in name of <b>above</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production): Oil (bbls/day)      Gas (MCF/day)      Dry? <b>Dry Hole</b>	
Date plugged: <b>11/22/68</b>	Total depth <b>3800'</b>	Amount well producing when plugged: Oil (bbls/day)      Gas (MCF/day)      Water (bbls/day)	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement
<b>None - Plugged with open end drill pipe as follows:</b>			
		<b>Plug No. 1 3784-3681' 40 sx.</b>	
		<b>Plug No. 2 3007-2904' 40 sx.</b>	
		<b>Plug No. 3 1110-1007' 40 sx.</b>	
		<b>Plug No. 4 696-593' 40 sx.</b>	
		<b>Plug No. 5 surface 10 sx.</b>	
<b>CASING RECORD</b>			
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)
<b>9 5/8"</b>	<b>247'</b>	<b>-0-</b>	<b>247'</b>
Was well filled with mud-laden fluid, according to regulations? <b>Yes</b>		Indicate deepest formation containing fresh water. <b>DeChelley Sandstone</b>	
<b>NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE</b>			
Name	Address	Direction from this well:	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.			
Use reverse side for additional detail.			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Engineer</u> of the <u>Buttes Gas &amp; Oil</u> (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 <b>December 30, 1968</b>		Signature <i>John E. Wey</i>	
Permit No. <b>476</b>		STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy	
		Form No. 10	

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat  
 OPERATOR Buttes Gas & Oil Co. ADDRESS 420 C. A. Johnson Building, Denver, Colo.  
 Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease 14-20-0603-8455 WELL NO. 1-23  
 SURVEY \_\_\_\_\_ SECTION 23 COUNTY Apache  
 LOCATION 660<sup>+</sup> FSL, 660<sup>+</sup> FEL of Section 23, T37N, R27E

TYPE OF WELL Dry hole TOTAL DEPTH 3800<sup>+</sup>  
(Oil, Gas or Dry Hole)  
 ALLOWABLE (If Assigned) \_\_\_\_\_  
 LAST PRODUCTION TEST OIL \_\_\_\_\_ (Bbls.) WATER \_\_\_\_\_ (Bbls.)  
 GAS \_\_\_\_\_ (MCF) DATE OF TEST \_\_\_\_\_

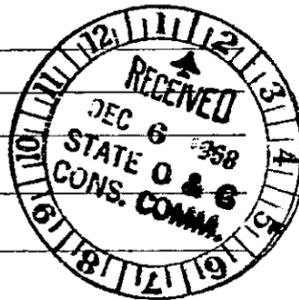
PRODUCING HORIZON \_\_\_\_\_ PRODUCING FROM \_\_\_\_\_ TO \_\_\_\_\_  
 1. COMPLETE CASING RECORD cemented 9 5/8", 32.30 lb. set at 247<sup>+</sup> w/ 115 sx.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Received oral permission from Mr. J. Scurlock, Arizona Oil and Gas Conservation Commission to plug and abandon well on 11/28/68

as follows: Plug No. 1 3800-3700<sup>+</sup>  
 Plug No. 2 3000-2900<sup>+</sup>  
 Plug No. 3 1100-1000<sup>+</sup>  
 Plug No. 4 700-600<sup>+</sup>  
 Plug No. 5 10<sup>+</sup> surface

If well is to be abandoned, does proposed work conform with requirements of Rule 202? No (See 2 above) If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS November 22, 1968  
 NAME OF PERSON DOING WORK Richard Higgins ADDRESS Denver  
 CORRESPONDENCE SHOULD BE SENT TO John E. Wey  
Name  
Engineer  
Title  
420 C. A. Johnson Building  
Address  
December 5, 1968  
Date



Date Approved 12/6/68  
 STATE OF ARIZONA  
 OIL & GAS CONSERVATION COMMISSION  
 By: John Barnett/94

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

Permit No. 476

X-Chrono  
X-Lambert

October 17, 1969

Memo to Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Memo from J. Lambert

Received call pertaining to the captioned well this morning. Buttes Gas & Oil intend to go into the area and commence drilling another well during the first half of November. ~~XXXX~~ They expect to file preliminary papers within the ensuing 15 days, the holdup being a survey by Mr. Echohawk. When the plat is ready the preliminaries will be filed with this office. The site of the captioned well is cleaned up; but, the dry hole marker has not been placed. They requested permission to postpone placement of the marker until the time that they are in the area. I agreed that we would be satisfied with such an arrangement and reiterated that they should check the regulations carefully to be sure that the dry hole marker fulfilled the requirements.

They are to furnish us written notification at the time the dry hole marker is installed.

74

A

476

Form 9-331  
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R1424

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

2. NAME OF OPERATOR  
Buttes Gas & Oil Co.

3. ADDRESS OF OPERATOR  
420 C. A. Johnson Bldg., Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
660<sup>±</sup> FSL, 600<sup>±</sup> FEL of Section 23, T37N, R27E.

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, NT, CR, etc.)  
5780<sup>±</sup> Ground

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-0603-8455

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo

9. WELL NO.  
7-23

10. FIELD AND POOL, OR WADSWORTH

11. SEC. T. R. M. OR BLK. AND SURVEY OF AREA  
Section 23-37N-27E

12. COUNTY OR PARISH  
Apache

13. STATE  
Arizona

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

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

(NOTE: Report results of multiple completion or 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.)

Received oral permission from Mr. M. Seelinger, U.S.G.S, Farmington New Mexico and Mr. J. Scurlock, Arizona Oil and Gas Conservation Commission, Phoenix, Arizona to plug and abandon well on 11/21/68 as follows:

1. Plug No. 1, 3800-3700<sup>±</sup>.
2. Plug No. 2, 3000-2900<sup>±</sup>.
3. Plug No. 3, 1100-1000<sup>±</sup>.
4. Plug No. 4, 700-600<sup>±</sup>.
5. Plug No. 5, 10<sup>±</sup> - surface.



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

SIGNED John E. Wey TITLE Engineer

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

10476

Form 9-1123

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

### DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: Phoenix, Arizona  
SERIAL No.: Contract No. 14-20-0603-8455

and hereby designates

NAME: Buttes Gas & Oil Co.  
ADDRESS: 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 (describe acreage to which this designation is applicable):

Township 37 North, Range 27 East, GSRM  
Apache County, Arizona  
Section 23: 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.



November 22, 1968  
(Date)

*W. T. Blackburn*  
(Signature of lessee)

W. T. Blackburn  
1650 Denver Club Building  
Denver, Colorado 80202  
(Address)

9476

# 476

11-21-68

Telephone - Dick Higgins  
Top floor on Buttes

present depth 3760 in Miss  
will TD approx 3800

surface Chisle

Shinarump	653
Moenkapi	754
De Chelly	1068

Dogon Rock	1779
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Hermosa	2946
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Molas	3625
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Miss	3729
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Will run another log +

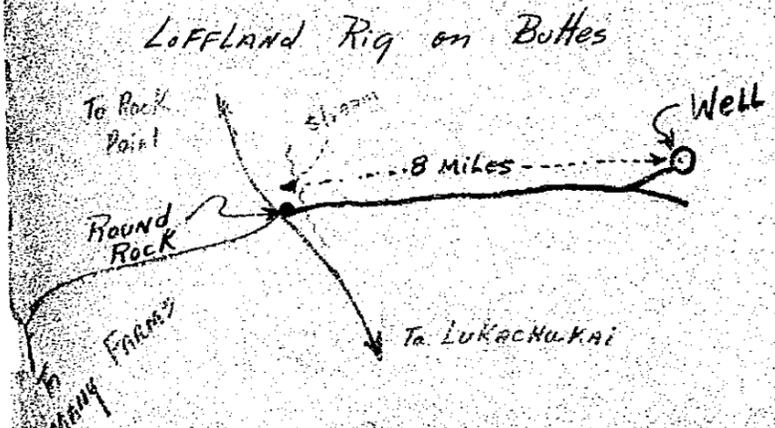
plug:	TD - 3700	Plugs	Verbal OK JES
	3000 - 2900		
	1100 - 1000		
	700 - 600		

# 476

WELL SITE CHECK

Contractor LOFFLAND BROS  
 (FARMINGTON)  
 Spud date \_\_\_\_\_  
 Type Rig Wilson Rotary X  
WENCH MOBILE Cable \_\_\_\_\_  
 Samples To cut in Farmington  
 Pipe Set 9 5/8" @ 247' w/ 115 SX  
 Water Zones \_\_\_\_\_  
 Lost Circ. Zones @ 90'  
 Formation Tops \_\_\_\_\_  
 Cores, Logs, DST \_\_\_\_\_  
 Crews 4 Flying crews from Farmington; 12 & 24 hour towers. Have  
 Person(s) Contacted W.E. LANG  
ELLIOTT RIGGS (Geologist) & PUSHER  
 Present Operations Drilling 2800  
 Drilling with Air \_\_\_\_\_ Mud X  
 Size Hole 7/8  
 Size Drill Pipe 4"  
 Type Bit WT 1AG REED  
 No. Bit #8 Drilling Rate 3-4 MIN/FT.  
 Formation Hermosa  
 Lithology sand & limestone

REMARKS, PHOTO, MAP landing strip.



- This is a Miss test.  
 - Baroid Mud logger on location  
 - Well supported by Pan Am, Sinclair.  
 (Kerr Mc Gee has acreage in here but is not supporting.)

WELL NAME Buttes #1-23 NAVAJO

Permit No. 476  
 Confidential: (Yes) No

Form 9-1123  
(Rev. Dec. 1957)

Lease 251094  
(Submit to appropriate  
Regional Oil and Gas or Mining Supervisor)

## DESIGNATION OF OPERATOR

### Indian Affairs

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

DISTRICT LAND OFFICE: Window Rock, Arizona  
SERIAL No.: 14-20-0603-8455

and hereby designates

NAME: Buttes Gas & Oil Co.  
ADDRESS: 420 C. A. Johnson Building, 509 Seventeenth Street, Denver, Colorado 80202

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

Township 37 North - Range 27 East, G&SRM  
Section 14: All  
Section 23: 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 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.

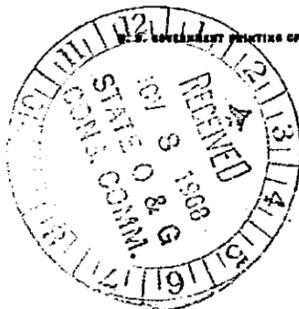
Pan American Petroleum Corporation

By: *T. S. Yancey*  
(Signature of lessee)  
T. S. Yancey, Its Attorney-in-Fact

October 30, 1968  
(Date)

Security Life Building, Denver, Colorado 80202  
(Address)

BFP:acw



11 476

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 - Navajo Tribal Indian Lands, Contract No. 14-20-0603-8455 and hereby designates:

BUTES 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 assuring compliance with the Oil and Gas Operating Regulations with respect to:

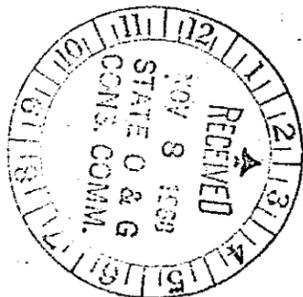
Protraction Diagram No. 37 - Approved 2/11/60  
Township 37 North, Range 27 East - G. & S. R. M.

Section 23: 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.



CORPORATION  
SINCLAIR OIL ~~XXXXXXXXXXXX~~

*O. G. Simpson*  
(Signature of lessee)  
O. G. Simpson, Vice President  
501 Lincoln Tower Building  
Address

Denver, Colorado 80203

October 18, 1968  
(date)

12 476

# APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL

RE-ENTER OLD WELL

Buttes Gas & Oil Company  
NAME OF COMPANY OR OPERATOR

420 C. A. Johnson Bldg., Denver, Colorado 80202  
Address City State

Contract Not Let  
Drilling Contractor

Address

### DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor 14-20-0603 - 8455 Navajo	Well number Navajo 1-23	Elevation (ground) 5780' Ground
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:  feet	
Number of acres in lease:  1280	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		

Well location (give footage from section lines) 660' FEL, 660' FSL	Section—township—range or block and survey 23 37N 27E	Dedication (Comply with Rule 106) 80 acres
Field and reservoir (if wildcat, so state) Wildcat	County Apache	

Distance, in miles, and direction from nearest town or post office

Proposed depth: 4000'	Rotary or cable tools Rotary	Approx. date work will start
Bond Status: To be filed Amount: \$5,000.00	Organization Report On file <input checked="" type="checkbox"/> Or attached	Filing Fee of \$25.00 Attached <input checked="" type="checkbox"/>

Remarks:  
1. Drill 12 1/2" hole to 200'. Cement 9 5/8" casing to surface.  
2. Drill 8 3/4" hole to estimated T.D. of 4000'.  
3. Complete or abandon well based on tests and logs.



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

*John E. Wey*  
Signature John E. Wey

Date October 21, 1968

Permit Number: 476  
Approval Date: 10/23/68  
Approved By: *John Connister*

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

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

Form No. 3

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. 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.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES \_\_\_\_\_ NO X
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communization agreement or otherwise? YES X NO \_\_\_\_\_. If answer is "yes," Type of Consolidation operating Agreement
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner Pan American Petroleum Corp. - 1/6	Land Description W.T. Blackburn - 11/36
Sinclair Oil & Gas Co. - 1/3	Buttes Gas & Oil Co. - 7/36

**CERTIFICATION**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name	G. Hagerman
Position	Division Landman
Company	Buttes Gas & Oil Co.
Date	October 21, 1968

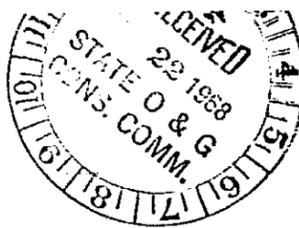
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

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
9 5/8	32.30	H-40	0	200'	200'	100
5 1/2	15.5	J-55	0	4000'	4000'	100



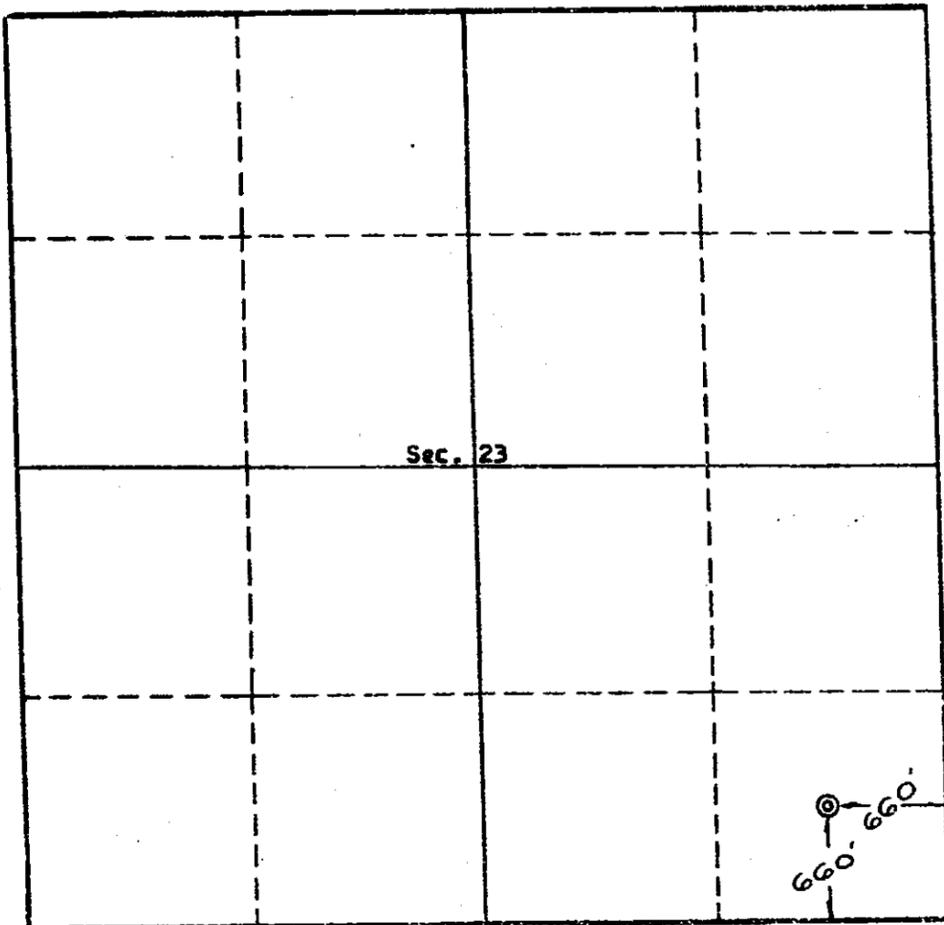
Company BUTTES GAS & OIL CO.

Well Name & No. \_\_\_\_\_

Location 660 feet from the South line and 660 feet from the East line.

Sec. 23, T. 37 N., R. 27 E., G. & S. R. M., County Apache, Arizona

Ground Elevation 5780, ungr.



Scale, 1 inch = 1,000 feet

Surveyed October 10, 1968

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
Arizona Registration No. 2311



# 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 #1-23 NAVAJO  
(WELL NAME)

located 660' FSL - 660' FSL

Section 23 Township 37E Range 27E, Apache County, Arizona.

The E/2 SE/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, 1968.

OIL AND GAS CONSERVATION COMMISSION  
By John Gunnister  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 476

RECEIPT NO. 9558  
API 02-001-20086

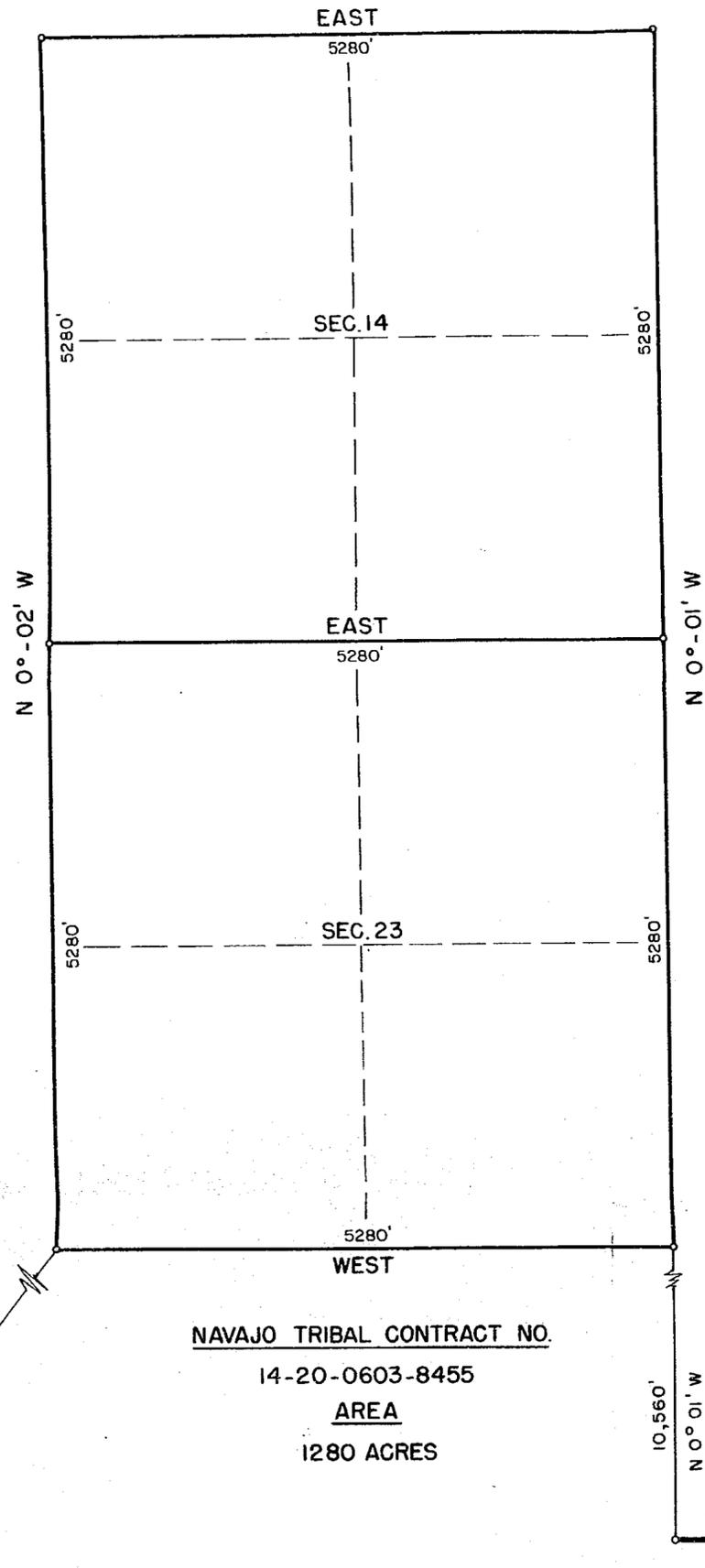
State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27

**SAMPLES ARE REQUIRED**

R-27-E

T-37-N

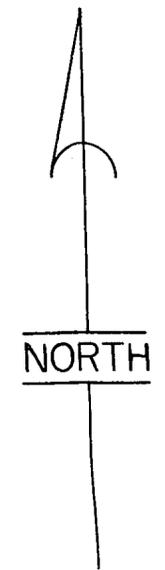


NAVAJO TRIBAL CONTRACT NO.  
 14-20-0603-8455  
AREA  
 1280 ACRES

NW CORNER OF T-36-N,  
 R-28-E, G. & S.R.M.,  
 ESTABLISHED SEPT. 1964  
 BY E.V.E.

EDGE (GS)  
 LAT. 36° 32' 26.114" N  
 LONG. 109° 27' 21.577" W

N 36° 40' 12" E (TRUE)  
 23,668'

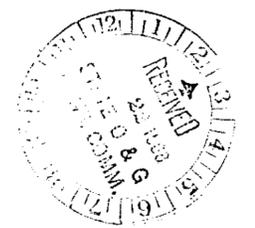


COORDINATES USED ON THIS SURVEY ARE PLANE  
 COORDINATES, ARIZONA EAST ZONE.

THE ABOVE SURVEY WAS MADE IN ACCORDANCE  
 WITH THE PLAN OF SURVEY, ARIZONA PROTRACTION  
 DIAGRAM NO. 37, BUREAU OF LAND MANAGEMENT  
 CADASTRAL ENGINEERING. PROTRACTION DIAGRAM  
 APPROVED FEBRUARY 11, 1964.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
 PREPARED 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.

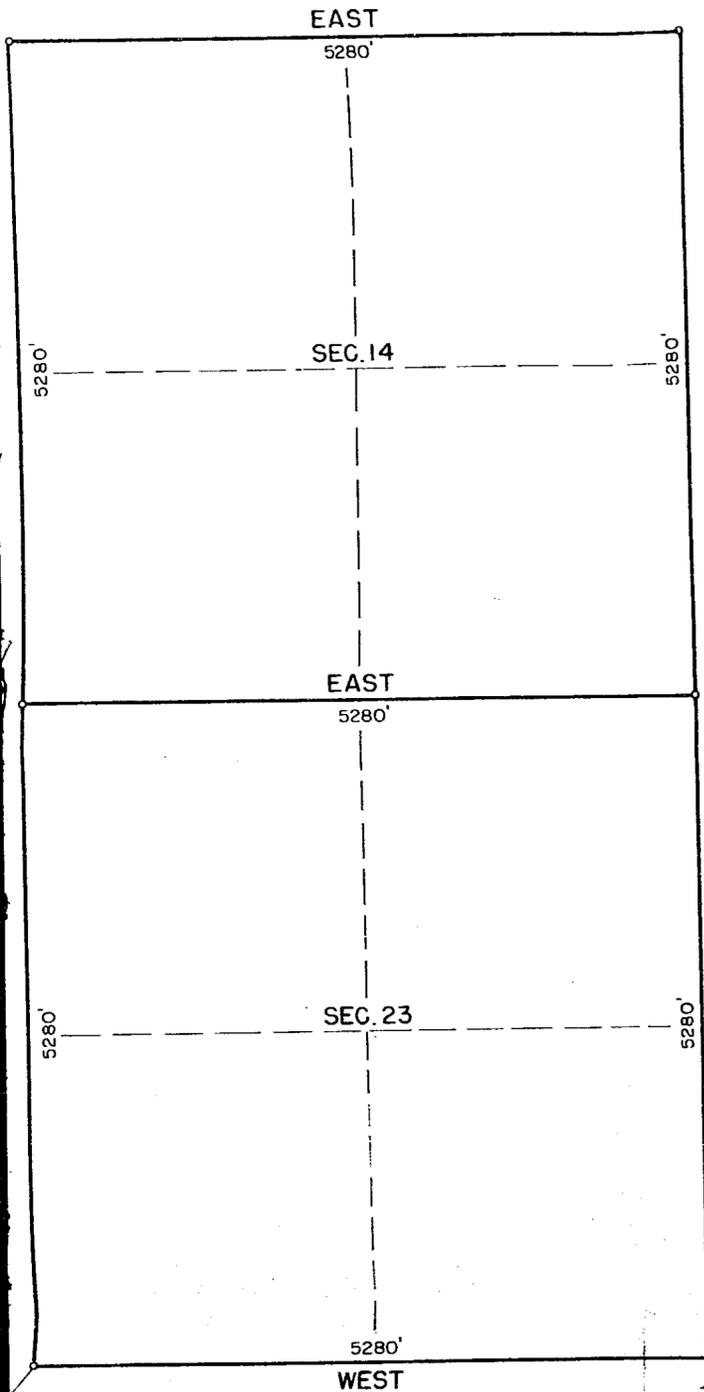
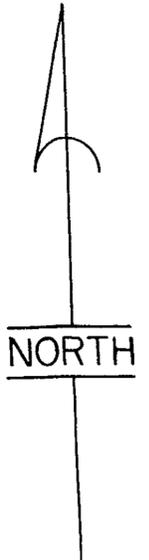
*E. V. E.*  
 ERNEST V. ECHOHAWK  
 REGISTERED LAND SURVEYOR  
 ARIZONA REG. NO. 2311  
 DEC. 31, 1964  
 ARIZONA, U.S.A.



476

**W. T. BLACKBURN**  
 SURVEY OF NAVAJO TRIBAL LEASE OF ALL SECTIONS  
 14 & 23, T-37-N, R-27-E,  
 G. & S.R. MERIDIAN APACHE COUNTY, ARIZONA  
 SEPTEMBER, 1968 DWN BY A.E. SCALE: 1" = 1000'

41-23 NAVAJO SE/4 SE/4  
 Apache County



N 0°-01' W

N 0°-01' W

3161.4' WEST

NW CORNER OF T-36-N,  
R-28-E, G. & S.R.M.,  
ESTABLISHED SEPT. 1964  
BY E.V.E.

NAVAJO TRIBAL CONTRACT NO.  
14-20-0603-8455  
AREA  
1280 ACRES

COORDINATES USED ON THIS SURVEY ARE PLANE  
COORDINATES, ARIZONA EAST ZONE.

THE ABOVE SURVEY WAS MADE IN ACCORDANCE  
WITH THE PLAN OF SURVEY, ARIZONA PROTRACTION  
DIAGRAM NO. 37, BUREAU OF LAND MANAGEMENT  
CADASTRAL ENGINEERING. PROTRACTION DIAGRAM  
APPROVED FEBRUARY 11, 1964.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED 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.



*Ernest V. Echohawk*  
ERNEST V. ECHOHAWK  
REGISTERED LAND SURVEYOR  
ARIZONA REG. NO. 2311



476

<b>W. T. BLACKBURN</b>		
SURVEY OF NAVAJO TRIBAL LEASE OF ALL SECTIONS 14 & 23, T-37-N, R-27-E, G. & S.R. MERIDIAN APACHE COUNTY, ARIZONA		
SEPTEMBER, 1968	DWN BY A.E.	SCALE: 1" = 1000'

14-20-0603 NAVAJO SE/4 SE/4  
APACHE COUNTY

Operator BUTTE'S GAS & OIL COMPANY

Bond Company PACIFIC INDEMNITY COMPANY Amount \$5,000

Bond No. 326966 Date Approved 10-23-68

Permits covered by this bond:

476 — *released*  
526 — *released*  
526 — *"*

*See file  
# 526 for  
original bond*

*476*

**CANCELLED**  
DATE 10-19-70

June 26, 1970

Airmail

Mr. John E. Wey  
Buttes Gas & Oil Company  
1200 Denver Center Building  
Denver, Colorado 80203

Re: Buttes #1-23 Navajo  
SE/4 SE/4 Sec. 23-T37N-R27E  
Apache County  
Our File #476

Dear Mr. Wey:

Pursuant to your telephone conversation with our office earlier this week in which you requested written assurance that this Commission was satisfied with the final cleanup and marking of the captioned well, we have checked our records and everything seems to be in order. Therefore, this Commission feels there is no need for further work to be done on this location.

If there is anything else we may do to be of service to you, do not hesitate to advise.

Sincerely,

John Bannister  
Executive Secretary

jd

476

X - Chrow  
X - Lambert  
X - Bond  
X - 420

November 6, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

By letter from Elliott A. Riggs this Commission was notified that the well site was cleaned and the dry hole marker was in place. This Commission is willing to transfer Pacific Indemnity Company Bond No. 326966 to the location where the Buttes #1-24 Navajo (2200) will be drilled, on the condition that the captioned well's dry hole marker has attached to it a sign showing the name of the captioned well; its location by quarter-quarter, section, township and range; and this drilling permit number.

Our field man will inspect this site and dry hole marker at his first visit to the new well to be drilled. This letter is this Commission's acceptance of Bond No. 326966 as surety for the new well and conditional release of the bond on the captioned well.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jd  
cc: Pacific Indemnity Company

OFFICE: 505/325-9881  
RES.: 505/325-8194

ELLIOTT A. RIGGS  
Petroleum Geologist  
P. O. BOX 711  
FARMINGTON, NEW MEXICO 87401

October 19, 1969

Mr. John Wey  
Buttes Gas & Oil Company  
720 C. A. Johnson Building  
Denver, Colorado 80202

Dear Mr. Wey:

At your request I have sent Mr. S. A. Wilson, an independent welder who lives at 3116 North Dustin Ave., Farmington, New Mexico, Telephone: 505-325-3768, to the Buttes Gas & Oil Co. #1-23 Navajo well site located in the SE $\frac{1}{4}$  Sec 23-T37N-R27E, Apache Co., Arizona, to install dry hole marker and inspect the location.

He reported to me last night that the dry hole marker was already installed. He also reported that in his opinion, the location was clean and appeared to him to be in acceptable condition from the standpoint of the regulatory agencies. There was a blow-out preventor actuating rod and wheel on location that apparently belongs to Loffland Bros. Drilling Contractor. I will notify them Monday morning to pick this up.

Mr. Wilson also noted that the dirt over the reserve pits had been piled up several feet high. This is probably normal procedure for the dirt contractors when they fill the wet pits and clean location. It should settle as the pits dry out.

Yours very truly,



Elliott A. Riggs

cc: Mr. James Lambert  
Arizona Oil & Gas Commission  
1624 W. Adams  
Room 202  
Phoenix, Arizona



EAR/war

X-Checked  
10/14/69

October 14, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
Suite 420  
C. A. Johnson Building  
509 Seventeenth Street  
Denver, Colorado

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

On August 7, 1969, this Commission granted permission for you to delay cleanup on the location of the captioned well until the 30th of September at which time we were to receive written confirmation from you to the effect that this work had been accomplished. As of this date we have had no word from you on this matter. May we have a reply concerning the cleanup of this location at your earliest convenience.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

476

X-CHRONO  
X-LAMBERT

August 7, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
Suite 420  
C. A. Johnson Building  
509 Seventeenth Street  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

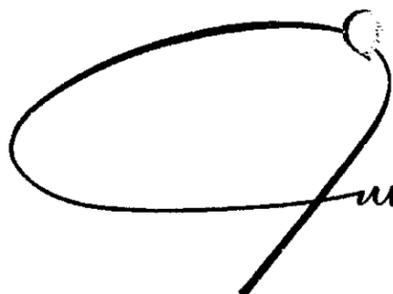
This letter constitutes authority from this Commission to delay cleanup on the location of the captioned well until September as you requested. We will expect written confirmation from you no later than the 30th of September to the effect that this work has been accomplished and that everything is in order.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

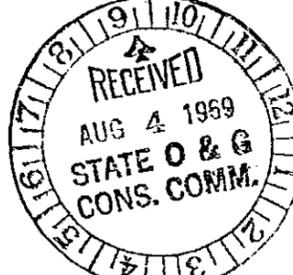
476



**OIL & GAS COMPANY**  
A DIVISION OF  
**BUTTES GAS & OIL CO.**

SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

TELEPHONE: 292-4820  
AREA CODE: 303



July 31, 1969

Oil and Gas Conservation Commission  
1624 West Adams  
Phoenix, Arizona 85007

Re: Buttes No. 1-23 Navajo  
Sec. 23, T37N, R27E,  
Apache County, Arizona  
Permit No. 476

Attention: Mr. James A. Lambert

Dear Mr. Lambert:

*q*  
The location at the subject well has not been restored at the present time. I talked to Atchison Construction Company and they advised me that their turnkey bid did not cover the cleanup of the location and that transportation charges from Farmington, New Mexico to location and return would be quite high.

*ok  
8/6/69*  
We expect to commence drilling of another well in the general area during early September, 1969, and I am planning to have the No. 1-23 location cleaned up at that time.

Please consider this a request that cleanup can be delayed until early September so that our costs can be kept at a minimum. May I hear from you regarding this?

Very truly yours,

*John E. Wey*  
John E. Wey

JEW/sd

X. Chron  
X. Lambert

July 25, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

Please advise the status of the well site pertaining to the captioned well. See our letter to you dated June 24, 1969.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

X-Lambert  
X-CHRONO

June 24, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

We received a copy of your letter addressed to the Atchinson Construction Company. They have not notified us that they have cleaned the location or placed a marker on the well site pursuant to your instructions. Would you please check into this matter and advise us the current status.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

476

AREA CODE: 303



SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

May 27, 1969

Ray L. Atchinson Construction Company, Inc.  
Drawer D  
Aztec, New Mexico 87410

Dear Sir:

9<sup>v</sup> Enclosed is a letter from the Arizona Oil and Gas Conservation Commission regarding a well sign for the Buttes No. 1-23 Navajo well, Apache County, Arizona.

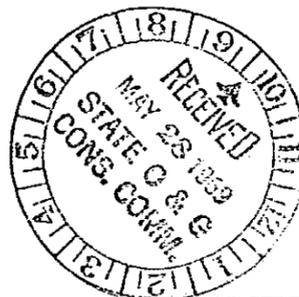
My understanding was that when you cleaned the location in December, 1968, that a well marker, as shown by the attached rules and regulations of the State of Arizona would be set. Would you please see that the marker is installed and when accomplished, a letter be sent to me with a copy to the State of Arizona stating that the work has been done.

Very truly yours,

*John E. Wey*  
John E. Wey

JEW:jo  
Enclosures

cc: Mr. James A. Lambert ✓  
Arizona Oil & Gas Conservation Commission



476

\*-Chrono  
X-Lambert

May 1, 1969

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County  
Permit #476

Dear Mr. Wey:

Rule 202-A-7 describes the manner in which an abandoned well should be marked. Please advise us when this is accomplished or if it has been accomplished. When the well has been properly marked, on your request we are willing to release the bond applicable to this well.

Our records indicate that you are in full compliance with the rules and regulations of the Oil & Gas Conservation Commission in all other respects.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

476

December 26, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

In correspondence dated December 2, 6, and 17, we requested that you submit a completed Well Completion or Recompletion Report, that is, our Form #4. Please do not ignore this request and furnish this Form #4 to the Commission.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

476

December 17, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

In our letter of December 2 we requested that you submit an Application To Plug form and a Well Completion or Recompletion Report. We did receive the Application to Plug form on December 6, of which an approved copy was returned to you; but, this office still requires a Well Completion or Recompletion Report and a Plugging Record to make our file on the captioned well complete. We will accept the U.S.G.S. Plugging Record but do require our own Well Completion or Recompletion Report, form #4. Please submit these two forms at your earliest convenience.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

476

PHONE: 325-9232

641 WEST BROADWAY

## FOUR CORNERS SAMPLE CUT ASSOCIATION

P. O. BOX 899  
FARMINGTON, NEW MEXICO 87401

December 3, 1968

Hello Jim:

This is a list of the Arizona wells which we have in the cut at present time.

Arkla Core test # 56 ✓  
No Location

El Paso #1-B La Posa  
10-7N-19W  
Yuma Co.

Skelly #1 Navajo Q  
18-38N-30E  
Apache Co

Texaco #1 Navajo BF  
26-6N-7W  
Apache Co.

Apache #1 Santa Fe Crest  
25-20N-27E  
Apache Co.

Pennzoil #1 Hopi-11  
11-29N-14W  
Coconino Co.

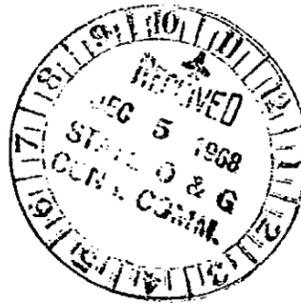
Buttes Oil & Gas #1-14 Navajo                      Tite  
14-7N-9W  
Apache Co.

Buttes Oil & Gas #1-23 Navajo                      Tite  
23-37N-27E  
Apache Co.

The following two wells have been cut or in the process

Buttes Oil & Gas #1-25 Navajo  
25-35N-28E  
Apache Co.

G.B. Cree #1 Hunt  
31-18N-20W  
Navajo Co.



PHONE: 325-9232

641 WEST BROADWAY

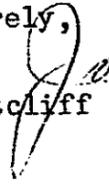
## FOUR CORNERS SAMPLE CUT ASSOCIATION

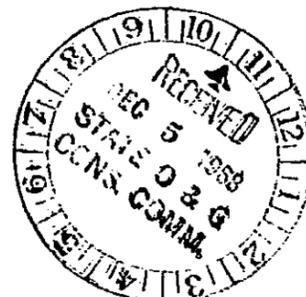
P. O. BOX 899  
FARMINGTON, NEW MEXICO 87401

As for the list of wells which have been cut through the years I will see what I can come up with as soon as possible and send to you.

Again, let me say will appreciate any help you can give me in getting the Arizona wells to the cut, and if I can be of assistance to you let me know.

Sincerely,

  
Jo Ratcliff



476

December 6, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Permit #476  
Apache County, Arizona

Dear Mr. Wey:

In our letter of December 2, 1968, we ask that you submit our Application to Plug Form and a Well Completion Report. This date we received the two copies of the Application To Plug Form. These were approved and a copy is being returned with this letter. In regard to the Well Completion Report, we do require our own form Number 4, but will accept the U.S.G.S. Plugging Record. We would appreciate receiving these forms as soon as possible.

Yours truly,

James A. Lambert  
Administrative Assistant

jf  
Enc.

476

TELEPHONE: 292-4820  
AREA CODE: 303

*Juniper*



OIL & GAS COMPANY  
A DIVISION OF  
BUTTES GAS & OIL CO.

SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

December 5, 1968

Mr. James A. Lambert  
Oil & Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona

RE: Navajo No. 1-23  
Apache County, Arizona

Dear Mr. Lambert:

Enclosed please find two copies of Application to Abandon and Plug, Form 9.

44 It was our intention to send you copies of the U.S.G.S. Sundry Notices and Reports on Wells Form 9-331 giving notice of intention to abandon. Please excuse the oversight.

Will copies of the U.S.G.S. Well Completion or Recompletion Report and Log Form 9-330 fulfill your requirements for well completion report? If not, would you please notify us.

Very truly yours,

*Cecil C. Davis*  
Cecil C. Davis

CCD/jcs  
Enclosures



476

December 2, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

*Recd 12/4/68*  
Mr. Jim Scurlock, of this office, gave verbal permission to plug and abandon the captioned well on 11-21-68. We should have received our Application To Plug Form within ten days of the verbal permission. Please submit our Application To Plug Form and also a Well Completion or Recompletion Report.

These forms are enclosed for your convenience.

Yours truly,

James A. Lambert  
Administrative Assistant

jf  
Enc.

476

TELEPHONE: 292-4820  
AREA CODE: 303

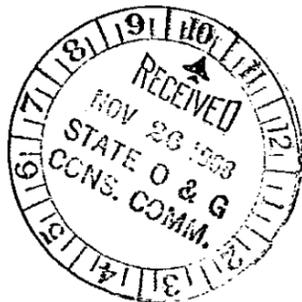


SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

November 25, 1968

Mr. James A. Lambert  
Administrative Assistant  
State of Arizona  
Oil and Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

RE: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476



Dear Mr. Lambert:

4<sup>v</sup> Enclosed is one copy of the Designation of Operator from W. T. Blackburn for the drilling of the Navajo No. 1-23 well.

Please consider this as a request that the Navajo No. 1-23 will be held ~~confidential~~.

Very truly yours,

*John E. Wey*  
John E. Wey

JEW/jcs  
Enclosure

476

November 20, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

Please refer to our letter dated November 8, 1968.  
We require a Designation of Operator Form showing  
that Mr. Blackburn designates Buttes Gas & Oil  
Company as operator of this well.

*Recd 11/24/68*

Our Mr. Scurlock has reported the verbal request  
that the captioned well be made confidential. We  
will honor this verbal request of Elliot Riggs  
pending a written request that the captioned well  
be drilled tight. Should we not receive the  
written request for confidential status within 10  
days, we will consider that the well information  
need not be held confidential.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

*Enc.*

476

November 8, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

We received the Designation of Operator Forms this date from Pan American Petroleum Corporation and Sinclair Oil Corporation which designate Buttes Gas and Oil Company as operator for the drilling of the captioned well. According to our records, we show Mr. W. T. Blackburn as one of the owners. If this is correct, would you please submit a Designation of Operator Form showing that Mr. Blackburn designates Buttes Gas and Oil Company as operator of this well.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

476

TELEPHONE: 292-4820  
AREA CODE: 303



SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

November 7, 1968

Indian Agency  
Branch of Realty  
Window Rock, Arizona

and

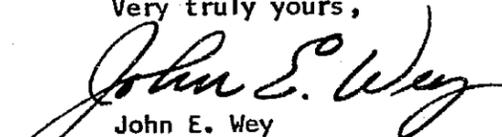
State of Arizona  
Oil and Gas Conservation Commission  
1624 Adams  
Room 202  
Phoenix, Arizona 85007

RE: Navajo No. 1-23  
Apache County, Arizona

Gentlemen:

Enclosed, for your files, is a copy of Designation of Operator from Pan American Petroleum Corporation and Sinclair Oil Corporation designating Buttes Gas & Oil Co. as operator for the drilling of the subject well.

Very truly yours,

  
John E. Wey

JEW/jcs  
cc: Mr. William H. Smith  
Enclosures



October 23, 1968

Mr. John E. Wey  
Buttes Gas & Oil Company  
420 C. A. Johnson Building  
Denver, Colorado 80202

Re: Buttes #1-23 Navajo  
T37N, R27E, G & SRM  
Sec. 23: SE/4 SE/4  
Apache County, Arizona  
Permit #476

Dear Mr. Wey:

Enclosed is Permit #476, Receipt #9558 issued by the Commission, approved Application to Drill, and an approved copy of performance bond. Enclosed for your information are instruction sheets pertaining to well samples and to reports required by the Commission.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enclosures

cc: Mr. G. Hagerman

476

**M. THOMPSON & Co.**  
INC.

**INSURANCE BROKERS**

311 CALIFORNIA STREET  
TELEPHONE 781-3841

SAN FRANCISCO 94104

October 16, 1968

AIRMAIL

STATE OF ARIZONA  
Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister  
Executive Secretary

SUBJECT: BUTTES GAS & OIL CO.  
Navajo Indian Lease No. 14200603 8455  
Los Gigantes Prospect - Apache County  
PACIFIC INDEMNITY COMPANY - Bond 326966

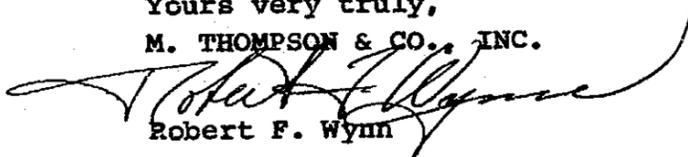
Gentlemen:

in duplicate

We enclose Performance Bond/effective October 10, 1968  
executed by officers of Buttes Gas & Oil Co.

If any additional information is required, please contact  
us.

Yours very truly,  
M. THOMPSON & CO., INC.

  
Robert F. Wynn



encs-2

cc: Mr. G. Hagerman,  
Assistant Land Manager  
Buttes Gas & Oil Co.  
2150 Franklin Street  
Oakland 94612

ESTABLISHED - 1901

176