CONFIDENTIAL

Release 6-13-65

[redacted]

M-d

BLACKBURN 6-1 NAVAJO
NW/4NW/4 S6-T36N-R28E
Apache County 300

COUNTY Apache AREA 6 mi Round Rock LEASE NO. 14-20-0603-8805

WELL NAME W. T. Blackburn #6-1 Navajo

LOCATION NW NW SEC 6 TWP 36N RANGE 28E FOOTAGE 660' FNL 660 FWL

ELEV 5980 GR 5993 KB SPUD DATE 11-23-64 STATUS P&A COMP. DATE 12-21-64 TOTAL DEPTH 4347' ~~4344'~~ AM ST

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH
13 3/8	276'	330 sks	NA

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

FORMATION TOPS	DEPTHS	SOURCE L.L.	SOURCE E.L.	REMARKS
DeChelly	500'	x	x	
Cutler	1190'			
~~Molas~~	~~3404'~~			
Miss.	3459'			
Elbert	3705'			
~~McCracken~~	~~3865'~~			
Aneth	3965'			
Pre-Cambrian	4105'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS
IE, Sonic, GRN	NA	NA
Caliper		

SAMPLE LOG Am Strat
SAMPLE DESCRP.
SAMPLE NO. 1298*
CORE ANALYSIS
DSTs
*Tuc. 2025

REMARKS

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

WATER WELL ACCEPTED BY

BOND CO. Federal Insurance Company BOND NO.

BOND AMT. $ 2,500 CANCELLED 1-28-65 DATE ORGANIZATION REPORT 8021-75-20

FILING RECEIPT 9399 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. DATE ISSUED 11-4-64 DEDICATION NW/4 NW/4

PERMIT NUMBER 300

(over)

DRILL STEM TEST

NO.	FROM	TO	RESULTS
			There were seven drill stem tests taken on this well... and
			eight cores. A complete history of each is attached in file.

CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS

REMEDIAL HISTORY

DATE STARTED	COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

300

ARIZONA
APACHE CO.
WILDCAT (W)

PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 36n-28e
Section 6
nw nw
660 s/n 660 e/w

300

OPR: Vaughey-Vaughey Et al

WELL #: 6-i Navajo-8805

ELEV: 5993 KB

TOPS: Log-Sample

Chinle surf
Shinrump 586
Moenkopi 721
DeChelly 950
Hermosa 2856
Molas 3505
Mississippian 5600
Ouray ls 3802
Elbert 3852
McCracken 4040
Aneth 4172
Cambrian 4263
preCambrian 4300

DSTS: & CORES:

Crd 3648-3708, rec 32 ls, looks wet. Crd 3708-13, rec 5 ls, traces, vug poro. Crd 3713-55, rec 35 ls; 5 ls, faint sulfur odor. Crd 3755-73, rec 15 ls, looks wet. Crd 3833-83, rec 1 ls, sli arg; ½ ls, dense, tight; 1½ ls, hard, dense. Crd 4038-66, rec 1 sh; 6½ sd, dense, tight; 1½ sh; 7 sd, dense, tight, looks wet. Crd 4185-93, rec 6 dolo, dense, tight. Crd 4193-4209, rec 15 dolo, hard, dense; ½ dolo, shly. DST 3640-3708, SI 30 mins, open 2 hrs, SI 1 hr, rec 220 mud, 528 salt wtr, FP 56-309#, SIP 1178-1150#, HP 1769-1769#. DST 3773-3883, SI 30 mins, open 1 hr, SI 30 mins, rec 60 WCM, 720 MC salt wtr, FP 28-310#, SIP 1235-1150#, HP 1797-1797#. (over).

SPUD: 11-23-64 COMPL: 12-21-64

TD: 4344 PB:

CSG: 13-3/8" @ 276 w/330

INIT. PROD: D&A

Contr: Arapahoe

ARIZ2-562101

DST 4033-66, SI 30 mins, open 1 hr, SI 30 mins, rec 200 mud, 225 sli sulfur WCM, FP 95-216#, SIP 1693-1357#, HP 1895-1895#. DST 4220-4347, SI 30 mins, open 1 hr, SI 30 mins, rec 960 mud, 2340 salt wtr, FP 356-1451#, SIP 1451-1451#, HP 2052-2052#. DST 4150-4210, SI 30 mins, open 30 mins,*rec 250 mud, 1560 salt wtr, FP 183-723#, SIP 1385-1278#, HP 1984-1984#. DST 3335-3406, SI 30 mins, open 15 mins, SI 30 mins, rec 60 mud, FP 66-66#, SIP 921-658#, HP 1584-1584#. *SI 30 mins,

ARIZONA 300
APACHE CO.
WILDCAT (W)

PETROLEUM INFORMATION
DENVER CASPER
ROCKY MOUNTAIN
OIL INFORMATION

Twp 36n-28e
Section 6
nw nw
660 s/n 660 e/w

OPR: Vaughey, Vaughey & Blackburn WELL #: 1-A Navajo-8805

ELEV: 5980 Gr	DSTS. & CORES:	SPUD: COMPL: 12-21-64
TOPS: Log-Sample	4100 preCambrian test	TD: 4100 (approx) PB:
		CSG:
		PERF:
		PROD. ZONE:
		INIT. PROD: D&A (Tight hole)

(CARD WILL BE RE-ISSUED WHEN DATA IS AVAILABLE) ARIZ7-561150

INFORMATION CONFIDENTAL -- "TIGHT HOLE" DO NOT RELEASE ----

4

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: W. T. Blackburn	Address: 1650 Denver Club Building, Denver, Colorado
Federal, State or Indian Lease Number or name of lessor if fee lease: Navajo Tribal 14-20-0603-8805	Well Number: #6-1 / Field & Reservoir: Wildcat
Location: 660 FNL, 660 FWL NW¼NW¼ Sec. 6	County: Apache
Sec. TWP-Range or Block & Survey: Township 36 North, Range 28 East, G&SRM, Apache County, Arizona	

Date spudded	Date total depth reached	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet	Elevation of casing hd. flange feet
11/23/64	12/21/64	n/a	5993 RKB	n/a

Total depth	P.B.T.D.	Single, dual or triple completion?	If this is a dual or triple completion, furnish separate report for each completion.
4347'	n/a	n/a	

Producing interval (s) for this completion	Rotary tools used (interval)	Cable tools used (interval)
n/a	entire well	no

Was this well directionally drilled?	Was directional survey made?	Was copy of directional survey filed?	Date filed
no	no	no	n/a

Type of electrical or other logs run (check logs filed with the commission) Schlumberger — Date filed 1/13/65

Induction-Electiral Log from 275' to 4346'; sonic log w/caliper from 275' to 4344'; Gamma Ray-Neutron from 2400' to 4346'

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 casing	17-1/4"	13-3/8"	55#	276'	330 sx	none

TUBING RECORD			LINER RECORD				
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
n/a in.	n/a ft.	n/a ft.	n/a in.	n/a ft.	n/a ft.	n/a	n/a

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD	
Number per ft.	Size & type	Depth Interval	Am't. & kind of material used	Depth Interval
n/a	n/a	n/a	n/a	n/a

INITIAL PRODUCTION

Date of first production	Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)
n/a	n/a

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

Tubing pressure	Casing pressure	Cal'ted rate of Production per 24 hrs.	Oil	Gas	Water	Gas—oil ratio
n/a	n/a	n/a	n/a bbls.	n/a MCF	n/a bbls.	n/a

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 W. T. Blackburn, Operator of the above well (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.

January 26, 1965
Date

Signature W. T. Blackburn

RECEIVED JAN 27 1965 STATE O & G CONS. COMM.

CONFIDENTIAL

Permit No. 300

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

(Complete Reverse Side)

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*

There were Seven Drill Stem Tests taken on this well -- and Eight Cores -- A complete history of each is attached as there is not sufficient room here to adequately describe each in detail.

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

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

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

Form No. 4

CONFIDENTIAL -- INFORMATION NOT TO BE RELEASED -- "TIGHT HOLE"

PLUGGING RECORD

Operator: W. T. Blackburn	Address: 1650 Denver Club Building, Denver, Colorado 80202
Federal, State, or Indian Lease Number, or lessor's name if fee lease: Navajo Tribal 14-20-0603-8805	Well No.: #6-1
Field & Reservoir: Wildcat	
Location of Well: 660 FNL, 660 FWL, NW¼NW¼ Sec. 6-36N-28E, G&SRM	Sec-Twp-Rge or Block & Survey
County: Apache	

Application to drill this well was filed in name of	Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbls/day)	Gas (MCF/day)	Dry?
W. T. Blackburn	no	n/a	n/a	Yes

Date plugged:	Total depth	Amount well producing when plugged: Oil (bbls/day)	Gas (MCF/day)	Water (bbls/day)
12/21/64	4347'	n/a	n/a	n/a

Name of each formation containing oil or gas. Indicate which formation open to wellbore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement
none	none	none	none

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
13-3/8"	276'	none	276'	none	none

Was well filled with mud-laden fluid, according to regulations?	Indicate deepest formation containing fresh water.
yes	none

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

Name	Address	Direction from this well:
Continental Oil Co.,	Continental Oil Building, Denver, Colo	southwest
Pure Oil, Tidewater Oil,	Sun Oil, all in Durango, Colorado	west
Sinclair Oil & Gas, Pan American Petroleu,	Durango, Colo.	northwest

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.

well plugged back to DeChelly formation, should Navajo Tribe desire to go in hole at a later date and complete as a water well.

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the W. T. Blackburn, Operator of the above well (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.

January 14, 1965
Date

W. T. Blackburn
Signature

CONFIDENTIAL

Permit No. 300

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

Form No. 10

12

CONFIDENTIAL -- DO NOT RELEASE INFORMATION -- "TIGHT HOLE"

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat

OPERATOR W. T. Blackburn ADDRESS 1650 Denver Club Building, Denver, Colorado 80202

Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease Navajo Tribal 14-20-0603-8805 WELL NO. #6-1

SURVEY G&SRM SECTION 6 COUNTY Apache

LOCATION 660 FNL, 660 FWL, NW¼NW¼ Section 6, Township 36 North, Range 28 East, G&SRM, Apache County, Arizona

TYPE OF WELL Dry Hole (Oil, Gas or Dry Hole) TOTAL DEPTH 4347'

ALLOWABLE (If Assigned) n/a

LAST PRODUCTION TEST OIL n/a (Bbls.) WATER n/a (Bbls.)

GAS n/a (MCF) DATE OF TEST n/a

PRODUCING HORIZON n/a PRODUCING FROM -- TO --

1. COMPLETE CASING RECORD 13-3/8" casing set @ 276' w/330 sx cement, 2% $CaCl_2$

2. FULL DETAILS OF PROPOSED PLAN OF WORK cement plugs set in compliance with instructions from U.S.G.S. Dry hole marker welded to thread protector and screwed onto surface casing. Upper portion of hole to base of DeChelly sandstone left open in event Navajo ~~Tribe desires to convert to water well. 65 sx neat cement from 1400' to 1550';~~ 45 sx neat cement from 2800' to 2900'; 45 sx of neat cement from 3550 to 3650'; 35 sx of neat cement from 3750' to 3850'.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? yes. If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS December 21, 1964

NAME OF PERSON DOING WORK Arapahoe Drlg. Co. ADDRESS Denver, Colorado

CORRESPONDENCE SHOULD BE SENT TO W. T. Blackburn (Name)

Vaughey, Vaughey and Blackburn (Title)

1650 Denver Club Building (Address)

Denver, Colorado January 15, 1965 (Date)

CONFIDENTIAL

Date Approved ~~300~~ 1-16-65

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: John Bannister

Permit No. 300

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies

Form No. 9

Large Management Corporation

PETROLEUM ENGINEERS AND GEOLOGISTS

GEOLOGICAL REPORT

OF

VAUGHEY, VAUGHEY AND BLACKBURN

NAVAJO NO. 6-1

Section 6, T-36-N, R-28-E
Apache County, Arizona

WELL DATA

Location	660' from North line 660' from West line Section 6, Township 36 North, Range 28 East Apache County, Arizona
Elevation	5990' Ground 5993' Kelly Bushings
Spud Date	November 23, 1964
Hole Size	17 1/4" from surface to 295' 8 3/4" from 295' to 3648' 7 7/8" from 3648' to 4347'
Surface Casing	13 3/8" casing set at 279' with 330 sacks of cement 2% CaCl.

Drill Stem Tests

DST No. 1	3640' to 3708' (Mississippian)
Time	Shut-in 30 minutes, open 2 hours, shut-in one hour
Recovery	Weak blow of air, steady throughout test. Recovered 748' of fluid; 220' of salty drilling mud and 528' of salt water.

CONFIDENTIAL

300

3 300

Largo Management Corporation

PETROLEUM ENGINEERS AND GEOLOGISTS

Pressures	Initial Hydrostatic	1769 lbs.
	Initial Shut-in	1178 lbs.
	Initial Flow	56 lbs.
	Final Flow	309 lbs.
	Final Shut-in	1159 lbs.
	Final Hydrostatic	1769 lbs.

Bottom Hole Temperature - 104°

DST No. 2 — 3773' to 3883' (Lower Mississippian) (Upper Devonian)

Time — Shut-in 30 minutes, open one hour, shut-in 30 minutes

Recovery — Weak blow of air continuous throughout test, recovered 789' of fluid; 60' of water cut drilling mud and 720' of muddy salt water.

Pressures	Initial Hydrostatic	1787 lbs.
	Initial Shut-in	1235 lbs.
	Initial Flow	28 lbs.
	Final Flow	310 lbs.
	Final Shut-in	1150 lbs.
	Final Hydrostatic	1797 lbs.

DST No. 3 — 4033' to 4066' (McCracken Formation)

Time — Shut-in 30 minutes, open 60 minutes, shut-in 30 min.

Recovery — Tool opened with medium blow that decreased and died at end of test. Recovered 425' of fluid; 200' of drilling mud and 225' of slightly salt water cut drilling mud.

Pressures	Initial Hydrostatic	1895 lbs.
	Initial Shut-in	1693 lbs.
	Initial Flow	95 lbs.
	Final Flow	216 lbs.
	Final Shut-in	1357 lbs.
	Final Hydrostatic	1895 lbs.

Bottom Hole Temperature - 125°

300

Largo Management Corporation

PETROLEUM ENGINEERS AND GEOLOGISTS

DST No. 4 — 4220' to 4347' (Aneth Formation)

Time — Shut-in 30 minutes, open one hour, shut-in 30 minutes

Recovery — Opened tool with strong blow of air, decreased steadily and died before end of test. Recovered 3300' of fluid; 960' of drilling mud; 2340' of salt water.

Pressures

Initial Hydrostatic	2052 lbs.
Initial Shut-in	1451 lbs.
Initial Flow	356 lbs.
Final Flow	1451 lbs.
Final Shut-in	1451 lbs.
Final Hydrostatic	2052 lbs.

Bottom Hole Temperature - 110°

DST No. 5 — 4150' to 4210' (McCracken and Aneth Formations)

Time — Shut-in 30 minutes, open 30 minutes, shut-in 30 min.

Recovery — Opened tool with strong blow of air, decreased steadily and died before end of test. Recovered 1810' of fluid; 250' of salty drilling mud and 1560' of salt water.

Pressures

Initial Hydrostatic	1984 lbs.
Initial Shut-in	1385 lbs.
Initial Flow	182 lbs.
Final Flow	723 lbs.
Final Shut-in	1278 lbs.
Final Hydrostatic	1984 lbs.

DST No. 6 — 3335' to 3406' (Pennsylvanian)

Time — Shut-in 30 minutes, open 15 minutes, shut-in 30 min.

Recovery — Opened tool with very weak blow, died in 10 minutes. Recovered 60' of drilling mud.

300

Pressures	Initial Hydrostatic	1584 lbs.
	Initial Shut-in	921 lbs.
	Initial Flow	66 lbs.
	Final Flow	66 lbs.
	Final Shut-in	658 lbs.
	Final Hydrostatic	1584 lbs.

Charts indicated packer leakage of Initial Shut-in valve on Initial Period of Test.

DST No. 7 — 3775' to 3785' (Mississippian)

Hook wall test, packer failed. No Test.

Cores — (For core descriptions see attached sample description)

Core No. 1	3648' to 3708 - Recovered 32'
Core No. 2	3708' to 3713' - Recovered 5'
Core No. 3	3713' to 3755' - Recovered 40'
Core No. 4	3755' to 3773' - Recovered 15'
Core No. 5	3833' to 3883' - Recovered 50'
Core No. 6	4038' to 4066' - Recovered 17'
Core No. 7	4185' to 4193' - Recovered 6'
Core No. 8	4193' to 4209' - Recovered 15 1/2'

Total Depth — 4344' Driller
4347' Schlumberger

Logs — Schlumberger Well Surveying Corporation
Induction-Electrical Log from 275' to 4346'
Sonic Log with Caliper from 275' to 4344'
Gamma Ray-Neutron from 2400' to 4346'

Cement Plugs — (Set in compliance with instructions by the U.S. Geological Survey)
Dry hole marker welded to thread protector and screwed onto surface casing. Upper portion of hole to base of DeChelly Sandstone left open in event the Navajo Tribe desires to convert to water well.

300

3360 - 3400	100% Limestone, white, chalky to microxln, sandy, fragmental, fossiliferous, pelletoidal, fractured.
3400 - 3450	100% Limestone, white to cream, chalky, sandy, fragmental, sparsely fossiliferous, slightly dolomitic. Traces of orange chert at 3430 - 3440'.
3450 - 3460	100% Limestone, white to buff, chalky to microxln, fragmental, pelletoidal, sparsely oolitic, fossiliferous. Traces of milky chert.
3460 - 3470	75% Limestone, as above. 25% Shale, variegated, red, gray and green, soft, clayey, bentonitic.
3470 - 3500	50% Limestone, as above. 50% Shale, variegated, as above.
3500 - 3510	100% Limestone, white, chalky, tan, microxln, fragmental, sparsely fossiliferous. Traces of milky and orange chert.
3510 - 3570	100% Shale, variegated, red brown, yellow, green, clayey, calcareous. Traces of orange chert.
3570 - 3600	100% Shale, variegated, purple, brown, gray, maroon, ocher. Abundant orange and yellow milky chert.
3600 - 3648	100% Limestone, white, chalky, fragmental, earthy with red shale inclusions. Hairline red shale laminations.
Core No. 1	3648' to 3708' - Recovered 32' of fine to medium crystalline, light gray to white, fragmental, sparsely fossiliferous, limestone with traces of intercrystalline and microvuggular porosity. Porosity averages 3.4%. Salt taste, looks wet.

300

Core No. 2	3708' to 3713' - Recovered 5' of white to pink fine crystalline, sparsely fossiliferous limestone. Traces of intercrystalline and microvuggular porosity. No shows, salty taste. Few thin irregular laminations of red shale.
Core No. 3	3713' to 3755' - Recovered 40', 35' of white to pale yellow, microcrystalline, sparsely fossiliferous, fragmental limestone with few thin irregular laminations of red shale. Very few large, irregular, unconnected drusy vugs. No shows. 5' of light gray mottled pale yellow fine crystalline, fragmental, sparsely fossiliferous limestone. Traces of intercrystalline porosity. Faint sulfur odor. Open vertical fractures. Average porosity is 3%.
Core No. 4	3755' to 3773' - Recovered 15' of light gray, mottled pale yellow microcrystalline, sparsely fossiliferous, fragmental limestone with some intercrystalline and microvuggular porosity. Few thin irregular laminations and inclusions of red shale. Salty taste. Looks wet.
3773 - 3820	100% Limestone, tan to gray, fine crystalline, fragmental, sparsely fossiliferous with traces of pinpoint porosity. No shows.
3820 - 3833	100% Dolomite, tan to white, fine crystalline, sucrosic with traces of intercrystalline porosity. No shows.
Core No. 5	3833' to 3883' - Recovered 50' 1' Limestone, light gray with traces of pink medium to coarsely crystalline, sparsely fossiliferous with brach fragments, slightly argillaceous with traces of disseminated red shale. 1/2' Limestone, microcrystalline (sucrosic) laminated with hairline beds of pastel red and yellow limestone, hard, dense, tight.

1 1/2' Limestone, light gray, very fine crystalline (sucrosic?) hard, dense, tight with dull yellow mineral fluorescence.

16' Dolomite, light gray to buff colored, very hard, dense, tight with few thin beds of pale green or maroon dolomitic shales.

15' Shale, pale to apple green, very hard, dense, dolomitic. Very few thin beds of dark maroon shale.

2' Limestone, dark gray, gray-green, mottled lithographic, argillaceous.

1 1/2' Shale, green, dolomitic, fractured with high angle veins filled with crystalline calcite, brecciated.

12 1/2' Dolomite, mottled pastel gray and green, tan or pink, lithographic, slightly argillaceous, very hard, dense, tight. Open vertical fractures.

3883 - 3900 100% Limestone, white, chalky, sandy, fragmental, sparsely fossiliferous, with few microfauna. No porosity. No shows.

3900 - 3910 100% Dolomite, lavender, gray, pink, very fine crystalline, slightly sucrosic. No porosity. No shows.

3910 - 3920 100% Dolomite, tan, microxln, sucrosic, dense, some lavender, gray, pink with large rounded floating sand grains.

3920 - 3930 100% Dolomite, tan, buff, cream, variegated mottled pink, with large rounded floating sand grains.

3930 - 3950 100% Dolomite, tan to buff, very fine crystalline, some sublithographic, some slightly sucrosic, hard, dense, tight. No. shows. Traces of

300

20% Shale, maroon to lavender to green, dolomitic, sandy.
55% Dolomite, as above.

Core No. 6 — 4038' to 4056' - Recovered 17'
1' Shale, dark gray with some mottled red, hard, dense, dolomitic.
6 1/2' Sandstone, white, mottled pale green, glauconitic, very fine grained, dolomitic, hard, dense, tight. Few thin, irregular laminations of green shale.
1 1/2' Shale, green mottled maroon, dolomitic, hard, dense, tight.
7' Sandstone, light gray, pale green, argillaceous, fine grained dolomitic, dense, tight, no shows. Looks wet.

4066 - 4075 — 40% Dolomite, tan, gray, sandy, fine crystalline sucrosic, with some large floating sand grains.
60% Shale, maroon, red green, sandy, waxy, dolomitic.

4075 - 4085 — 100% Shale, maroon, red green, sandy, waxy, dolomitic.

4085 - 4095 — 100% Sandstone, white, medium grained, well sorted, rounded, clear, clean, glassy, dolomitic, glauconitic, good porosity. No shows.

4095 - 4100 — 100% Shale, red brown, sandy, micaceous

4100 - 4105 — 10% Sandstone, white to pink, fine to medium grained, rounded, clear, dolomitic, glauconitic.
20% Dolomite, tan, fine crystalline, sandy, dense, tight.
70% Shale, lavender, maroon, purple, dolomitic.

4105 - 4110 — 40% Siltstone, grading into fine grained sandstone, purple, pink, brown, dolomitic, glauconitic, argillaceous, dense, tight.

Core No. 7	4185' to 4193' - Recovered 6' of light gray, lithographic, sandy dolomite, very hard, dense, tight with open vertical fractures and few thin to hairline laminations of green shale. No porosity. No shows.
Core No. 8	4193' to 4209' - Recovered 15 1/2' 15' Dolomite, light gray to tan, very fine crystalline to sublithographic. Very hard, dense, tight with incipient vertical fractures. Few thin irregular laminations of green shale. 1/2' of gray-green Dolomite, lithographic, shaly with hairline laminations of green shale.
4209 - 4235	100% Dolomite, dark gray to olive, very fine crystalline, sublithographic, slightly sucrosic. Very hard, dense, tight. No shows. Traces of maroon to lavender shale. Traces of fractures.
4235 - 4250	100% Dolomite, tan, fine crystalline, sucrosic, very slightly porous. No gas kick, no oil stain. Dull yellow mineral fluorescence.
4250 - 4265	70% Dolomite, tan, fine crystalline, sucrosic, dense, tight. 30% Sandstone, white, fine to medium grained, subrounded, glassy, dolomitic.
4265 - 4270	20% Sandstone, as above. 20% Shale, brick red, soft, waxy. 60% Dolomite, tan, very fine crystalline, slightly sucrosic, no shows.
4270 - 4280	20% Shale, red to purple, soft, dolomitic. 20% Sandstone, white, fine to medium grained, subrounded, dolomitic. 60% Dolomite, tan to olive, sublithographic, dense, tight. No shows.

300

10

"TIGHT HOLE"

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER

APPLICATION TO DRILL [X] DEEPEN [ ] PLUG BACK [ ] RE-ENTER OLD WELL [ ]

NAME OF COMPANY OR OPERATOR: W. T. Blackburn

DATE: Denver, Colorado 80202

Address: 1650 Denver Club Building — City: Denver — State: Colorado

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number or name of lessor, if fee lease: Navajo Cont. 14-20-0603-8805

Well number: ~~#1-A~~ 6-1

Elevation (ground): 5980

Well location and acreage dedicated to the well (give footage from section lines) — Section—township—range or block & survey: 660' from N line; 660' from W line, NW¼NW¼ Sec. 6-36N-28E, G&SRM

Dedicate W/2 of NW/4 JRS

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

County: Apache County, Arizona

Distance, in miles, and direction from nearest town or post office: 6 miles E; 2 miles N of Round Rock, 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: No previous drilling feet

Proposed depth: 4100 feet to 4500 feet

Rotary or cable tools: Rotary

Approx. date work will start: November 15, 1964

Number of acres in lease: 2,527.00

Number of wells on lease, including this well, completed in or drilling to this reservoir: 1

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

No applicable - no previous drilling on lease

Status and amount of bond: $2,500.00 individual

Organization Report: On file / Or attached on file

Filing Fee of $25.00 Attached $25.00

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)

This well is being drilled as a "tight hole" - do not release any information without permission of operator.

Plan to set 13-3/8" casing deep enough to get good seat, probably about 200 feet. Drill 8-3/4" hole until water flow (?) in Dechelly contacted. If water flow serious, will ream and set 9-5/8" casing through and proceed with 8-3/4" hole. Plan to attempt to core from top of Mississippian to basement.

Estimated Tops

Dechelly	500	Molas	3404	Elbert	3705	Aneth	3965
Cutler	1190	Miss.	3459	McCraken	3865	to Precambrian	4105

(these tops could be easily 300 to 400 feet deeper)

Fill in Proposed Casing Program on reverse side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the said W. T. Blackburn of the XXXXX, and that I am authorized ~~by said company~~ to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature: W. T. Blackburn

Date: November 3, 1964

CONFIDENTIAL

RECEIVED NOV 5 1964 STATE O & G CONS. COMM.

Permit Number: ~~4-56~~ 300

Approval Date: Nov 5, 1964

Approved By: John V. Bannister

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

See Instruction on Reverse Side of Form

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill, Deepen or Plug Back and Plat
File Two Copies

Form No. 3

(Complete Reverse Side)

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

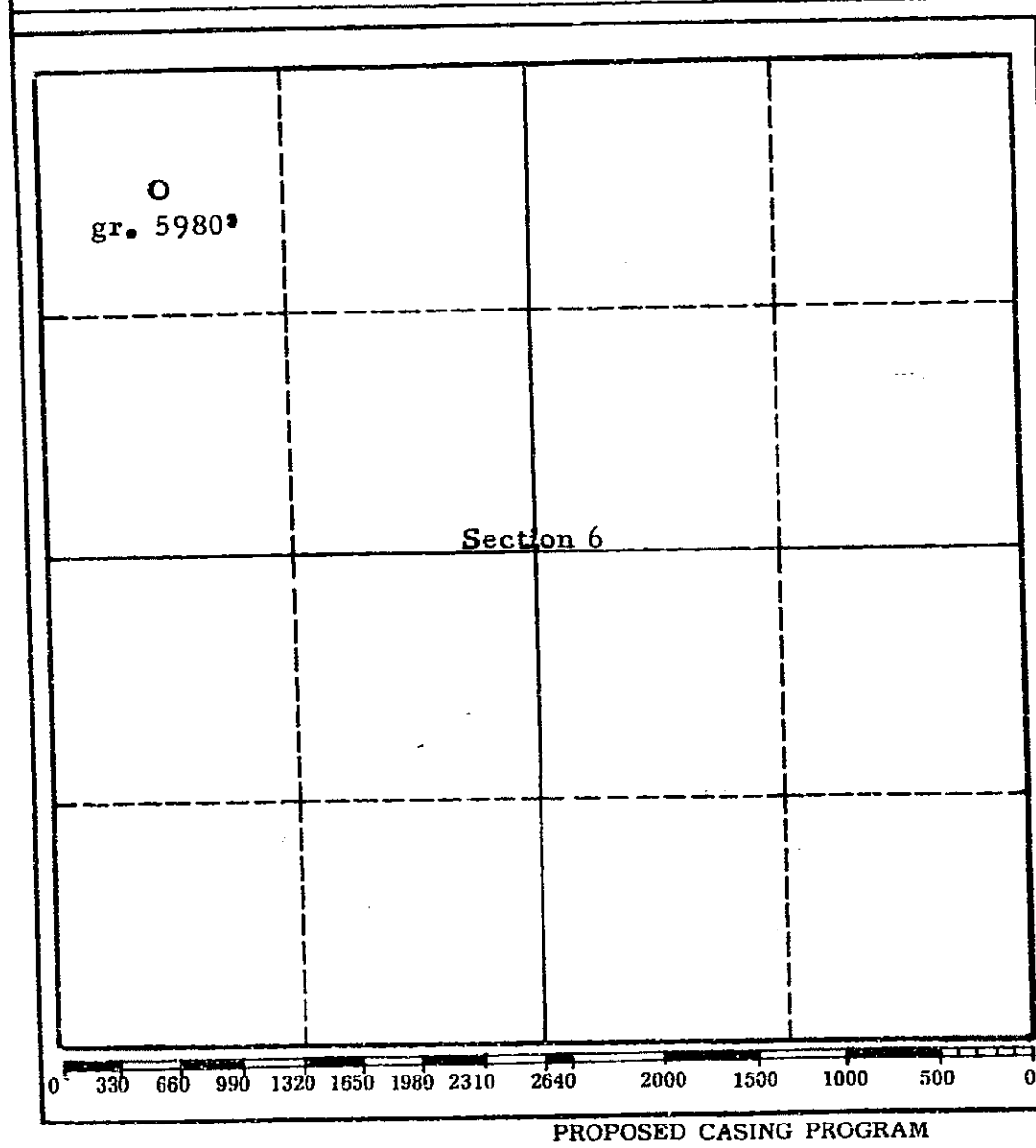
3. All distances shown on the plat must be from the outer boundaries of the Section.

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 one 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 undivided ownership

6. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description
McCullough Oil Corporation of Calif. 1/2	Undivided Ownership
W. T. Blackburn 5/16ths	" "
Buttes Gas & Oil Company - 3/16ths	" "



CERTIFICATION

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

Name W. T. Blackburn an individual

Position

Company

Date November 3, 1964

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 September 7, 1964

Registered Professional Engineer and/or Land Surveyor

Ernest V. Echohawk

Certificate No. Arizona Reg. #2311

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
13-3/8"	32#	H-40 ST&C	- depends on possible water flow			75 approx. Reg. Cement
possible 9-5/8" casing	32#	J-55 ST&C		"		"

COMPANY: W. T. Blackburn

Cont. 14-20-0603-8805

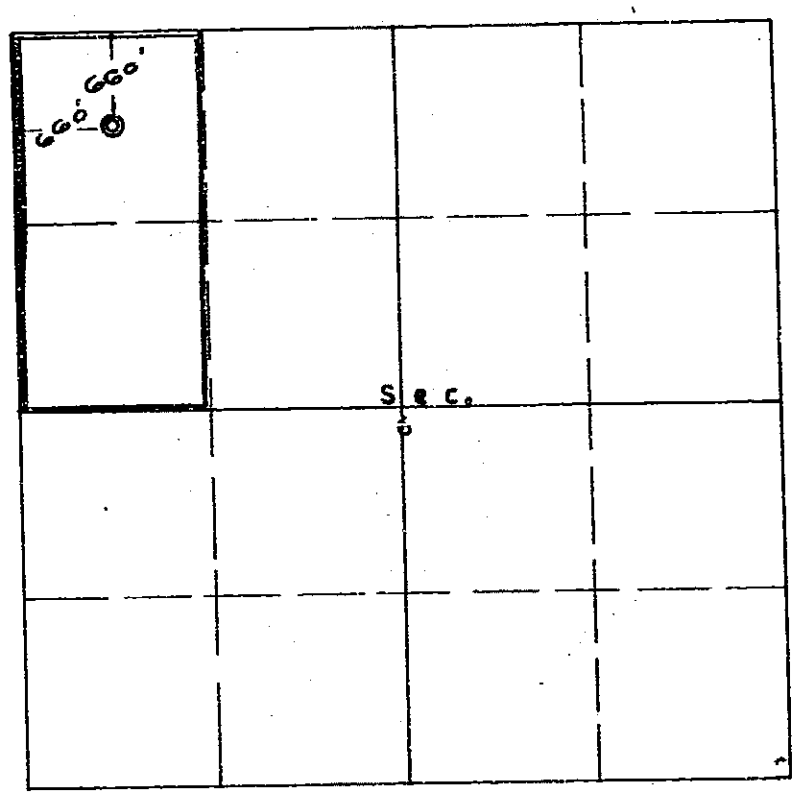
Well Name & No. #1-A Navajo - 8805 Lease No.

Location 660 feet from the North line and 660 feet from the West line.

Being in NW¼NW¼

Sec. 6, T36 N., R28 ~~W.~~ E., ~~N.M.P.M.~~ G & SRM, Apache County, Arizona

Ground Elevation 5980



Surveyed September 7, 19 64

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.

REGISTERED LAND SURVEYOR
CERTIFICATE EXPIRES
ERNEST V. ECHOHAWK
DEC. 31, 1964
ARIZONA, U.S.A.

Ernest V. Echohawk
Registered Land Surveyor
~~N. M. Reg. #1545~~
Arizona Reg. No. 2317

Farmington, New Mexico

RECEIVED
NOV 5
STATE O & G CONS. COMM.

CONFIDENTIAL

300

BOND

KNOW ALL MEN BY THESE PRESENTS

NAVAJO CONTRACT NO.
BOND SERIAL NO. 14-20-0603-8805

That we: W. T. BLACKBURN
1615 Denver Club Building
of the County of: Denver in the State of: Colorado

as principal, and FEDERAL INSURANCE COMPANY

of 90 John Street, New York 38, New York
AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the 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 or stratigraphic purposes in and upon the following described land situated within the State, to wit:

NW¼ NW¼ SEC. 6, TOWNSHIP 36 NORTH, RANGE 28 EAST, G&SRM
(May be used as blanket bond or for single well)

APACHE COUNTY, ARIZONA

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.

Penal sum of TWENTY FIVE HUNDRED AND NO/100 ($2,500.00)

Witness our hands and seals, this 19th day of October, 1964.

Countersigned by:
E. J. O'Malley
Resident Agent

W. T. BLACKBURN
Principal

Witness our hands and seals, this 19th day of October, 1964

FEDERAL INSURANCE COMPANY
BY
Surety Carl Cross, Attorney-in-Fact

Bond No. 8021-75-20

(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 Nov 5, 1964
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John V. Bannister
Permit No. 300

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

CANCELLED
DATE 1-28-65 John V. Bannister

[redacted]

ified Copy of

POWER OF ATTORNEY

Know all Men by these Presents. That the FEDERAL INSURANCE COMPANY, 90 John Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

C. Gale Neiswanger
L. A. Loiseau
Carl Cross
Robert J. Marker
Walter J. Kulp, Jr.
of
Denver, Colorado

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds of either of the following classes, to-wit:

1. Bonds on behalf of contractors in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation.
2. Surety Bonds to the United States of America or any agency thereof, including those required or permitted under the laws or regulations relating to Customs or Internal Revenue; License and Permit bonds or other indemnity bonds under the laws, ordinances or regulations of any State, City, Town, Village, Board or other body or organization, public or private; bonds to Transportation Companies, Lost Instrument bonds, Lease bonds, Workmen's Compensation bonds, Miscellaneous Surety bonds and bonds on behalf of Notaries Public, Sheriffs, Deputy Sheriffs and similar public officials.
3. Bonds and Undertakings (other than Fiduciary Bonds) filed in any suit, matter or proceeding in any Court, or filed with any Sheriff or Magistrate, for the doing or not doing of anything specified in such Bond or Undertaking, in which the penalty of the bond or undertaking does not exceed the sum of Fifty Thousand Dollars ($50,000.00).

In Witness Whereof. the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Vice President and Assistant Secretary and its corporate seal to be hereto affixed this 1st day of February 19 64.

FEDERAL INSURANCE COMPANY
By

Frederick C. Gardner
Vice President

Davis Quinn
Assistant Secretary

STATE OF NEW YORK
County of New York } ss.:

On this 1st day of February 19 64, before me personally came Davis Quinn, to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney and the said Davis Quinn being by me duly sworn, did depose and say that he resides in the City of New York, in the State of New York; that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; that he is acquainted with Frederick C. Gardner and knows him to be Vice President of said Company, and that the signature of said Frederick C. Gardner subscribed to said Power of Attorney is in the genuine handwriting of said Frederick C. Gardner and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me on the date above written.

Notary Public
MARION J. McGRATH
NOTARY PUBLIC, State of New York
No. 24-7837850
Qualified in Kings County
Certificate filed in New York County
Commission Expires March 30, 1964

Form 1187F (Ed. 3-64)

H4369 (5M)

CITY AND COUNTY OF NEW YORK: ss

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended January 2, 1964 and that this By-Law is in full force and effect.

"ARTICLE XIX.

Section 2. All bonds, undertakings, contracts, powers of attorney, and other instruments other than as above, for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in this section, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, Puerto Rico, and each of the Provinces of the Dominion of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by the laws of the United States.

Given under my hand and seal of said Company at New York, N. Y., this 19th day of October, 1964

Walter La Forge
Assistant Secretary

RECEIVED NOV 5 1964 STATE O & G CONS. COMM.

January 28, 1965

Mr. W.T. Blackburn
Vaughey and Vaughey
1650 Denver Club Building
Denver, Colorado 80202

Re: Blackburn Navajo #6-1 well
NW/4NW/4 S6-T36N-R28E, Apache County, Arizona
Permit 300
and
Federal Insurance Company Bond 8021-75-20

Dear Mr. Blackburn:

As requested in your letter of January 26, 1965, we are enclosing an approved copy of your Plugging Record on the captioned well, together with an approved copy of the Application to Plug and Abandon.

This letter will also constitute our authority to cancel the captioned bond at your earliest convenience.

If we may be of further help to you, would you please advise.

Yours very truly,

John Bannister
Executive Secretary
mr
enc

cc: Federal Insurance Company
90 John Street
New York 38, New York

VAUGHEY AND VAUGHEY
OIL PRODUCERS

1650 DENVER CLUB BUILDING
DENVER, COLORADO 80202

January 26, 1965

RECEIVED
JAN 27 1965
STATE O & G
CONS. COMM.

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

Attention: Mr. John Bannister
Executive Secretary

Re: NAVAJO #6-1 Well, NW¼NW¼
Section 6, Township 36 North,
Range 28 East, G&SRM, Apache
County, Arizona , File 300

Gentlemen:

Thank you for your letter of January 21, 1965, and the forms which you enclosed. We are returning herewith the Form No. 4, Well Completion or Recompletion Report and Well Log on the above captioned well.

We very much appreciate your cooperation in this matter. If this is sufficient, we would very much appreciate your releasing our Bond on this well.

Also, if it is convenient, would you please return the extra copy of the Plugging Record which we enclosed in our last letter to you with an "approval" stamped thereon. Several of our participants require this for their files. We are enclosing a stamped envelope for your convenience.

Again, thank you for all your past cooperation and we are looking forward to working with you again.

Very truly yours,

VAUGHEY AND VAUGHEY

By W. T. Blackburn

300

WTB:p
Enclosures

January 21, 1965

Vaughey and Vaughey
1650 Denver Club Building
Denver, Colorado 80202

Attention: Mr. W.T. Blackburn

Re: Blackburn Navajo #6-1 well
NW/4NW/4 S6-T36N-R28E, Apache County, Arizona
File 300

Gentlemen:

In response to your letters of January 14, 1965 we are enclosing a supply of form 4, Well Completion Report.

As soon as this report is received, and since it appear that all other requirements of this Commission have been met, we will be able to release the bond on this well at that time. Meanwhile this bond must remain in force until we receive the Well Completion Report.

Yours very truly,

John Bannister
Executive Secretary

mr
enc

VAUGHEY AND VAUGHEY
OIL PRODUCERS

1650 DENVER CLUB BUILDING
DENVER, COLORADO 80202

January 14, 1965

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

Attention: Mr. John Bannister

Gentlemen:

We are presently completing forms for our recently drilled #6-1 Navajo, NW$\frac{1}{4}$NW$\frac{1}{4}$ Section 6, Township 36 North, Range 28 East, G&SRM, Apache County, Arizona, and find we need a further supply of Form No. 4, Well Completion or Recompletion Report and Well Log.

Will you please forward a supply of 20.

Thank you for your attention to this request.

Very truly yours,

VAUGHEY AND VAUGHEY

By W. T. Blackburn
W. T. Blackburn

WTB:p

Marge please comply - Have you?

300

VAUGHEY AND VAUGHEY
OIL PRODUCERS

1650 DENVER CLUB BUILDING
DENVER, COLORADO 80202

January 14, 1965

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

Attention: Mr. John Bannister

Gentlemen:

With regard to our recently drilled #6-1 NAVAJO, Well, located 660 FNL, 660 FWL Section 6, Township 36 North, Range 28 East, G&SRM, Apache County, Arizona, we enclose herewith the following:

1) Original and one copy of Application to Abandon and Plug, Form No. 9

2) Plugging Record, Form No. 10

3) Copy of Schlumberger Induction-Electrical Log Sonic log w/caliper; Gamma Ray-Neutron

With regard to Number 2 above, you will note we have enclosed an extra copy, with request that you stamp an approval on it and return to us in the enclosed envelope.

If this is satisfactory, will you please advise if we may cancel Bond No. 8021-75-20 which was submitted with our Application to Drill.

Thank you very much for your attention to this matter.

RECEIVED JAN 15 1965 STATE O & G CONS. COMM.

Very truly yours,

VAUGHEY AND VAUGHEY

By W. T. Blackburn

WTB:p
Enclosures

November 9, 1964

Mr. W.T. Blackburn
1615 Denver Club Building
Denver, Colorado 802020

Dear Mr. Blackburn:

We were unable to reach you by telephone Friday, November 6, to discuss your applications to drill two wells in Apache County, Arizona.

In order to avoid confusion, we have designated the well in Section 6 as the Navajo #6-1; and the well in Section 35 is designated as the Navajo #35-1.

Approved copies of these applications and receipt for the filing fees, and approved copies of bonds are enclosed.

Yours very truly,

J.R. Scurlock
Geologist

mr
enc

File 298 & 300

Insurance Broker and Counselor / General Insurance Bonds

E.J. malley

2200 North Central Avenue • Phoenix, Arizona • ALpine 2-3957

November 4, 1964

Mr. John Bannister
State of Arizona
Oil and Gas Conservation Commission
1624 W. Adams
Phoenix, Arizona

RE: W. T. Blackburn
State of Arizona Bond Form No. 2
Federal Insurance Company
Bond No. 8021-75-20
Contract No. 14-20-0603-8805

Dear Mr. Bannister:

In accordance with instructions received from Mr. Blackburn, we are enclosing the captioned bond which has been properly countersigned by our office.

We are pleased to be of service in this connection.

Yours truly,

O'MALLEY INSURANCE
COMPANY, INC.

Eugene A. O'Malley

Eugene A. O'Malley

sab
enc. (2)
cc: Mr. W. T. Blackburn
Vaughey & Vaughey
1650 Denver Club Building
Denver 2, Colorado

Loiseau, Neiswanger & Co.
1410 Security Life Building
Denver, Colorado 80202
Attention: Mr. Carl Cross

RECEIVED NOV 5 1964 STATE O & G CONS. COMM.

CONFIDENTIAL

VAUGHEY AND VAUGHEY
OIL PRODUCERS

1650 DENVER CLUB BUILDING
DENVER 2, COLORADO 80202

November 3, 1964

Oil and Gas Conservation Commission
State of Arizona
Phoenix, Arizona

Attention: Mr. John Bannister
Executive Secretary

Gentlemen:

Enclosed herewith is an original and one copy of your Form No. 3, together with survey plat from Ernest Echohawk, Arizona Registration Number 2311. We also enclose a check for $25.00 for the Permit Fee.

We have forwarded Federal Insurance Company Bond No. 8021-75-20 covering these lands to Mr. E. J. O'Malley of O'Malley Insurance Company requesting he deliver the Bond to you for this application.

May we have your approval for this application.

Very truly yours,

VAUGHEY AND VAUGHEY

By W. T. Blackburn

WTB:p
Enclosures

Certified Mail
No. 701451

CONFIDENTIAL

RECEIVED NOV 5 1964 STATE O & G CONS. COMM.

300

80202

November 3, 1964

O'Malley Insurance Company, Inc.
First National Bank Building
Phoenix, Arizona

Attention: Mr. E. J. O'Malley

Gentlemen:

We enclose herewith State of Arizona Bond Form No. 2, Bond No. 8021-75-20, Navajo Contract No. 14-20-0603-8805, in the amount of $2,500.00, covering the NW¼NW¼ Section 6-36N-28E, GSRM, Apache County, Arizona. You will note this has been executed by Mr. Carl Cross, Attorney-in-Fact for Federal Insurance Company, and must be countersigned by you for the State of Arizona.

We are very anxious to receive the okay for our application and would appreciate your signing where necessary and taking both copies to Mr. John Bannister, Executive Secretary of the Oil and Gas Conservation Commission, State of Arizona, Phoenix, Arizona.

Thank you for your prompt attention to this matter.

Very truly yours,

VAUGHEY AND VAUGHEY

By W. T. Blackburn

CONFIDENTIAL

WTB:p
Enclosures
cc: Mr. John Bannister

Loiseau, Neiswanger & Co.
1410 Security Life Building
Denver, Colorado 80202

Attention: Mr. Carl Cross

RECEIVED NOV 5 1964 STATE O & G CONS. COMM.

300