

P-M

MacDonald Oil Corp. 1 Navajo  
SW/4-SW/4 Sec 31-Twp41N-R26E 360  
Apache, County

sl

COUNTY Apache AREA Gila & Salt River Meridian LEASE NO. 14-20-603-4332

WELL NAME MacDonald Oil Corporation # 1 Navajo

LOCATION SW SW SEC 31 TWP 41N RANGE 26E FOOTAGE 520 FSL 610 FWL

ELEV 5124 DFR 5125 KB SPUD DATE 11-15-63 STATUS 12-24-63 TOTAL DEPTH 6500'  
5113 GR

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>8 5/8</u>	<u>789</u>	<u>500 sx</u>		DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>Dry</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Navajo	Surface		<u>x</u>	
DeChelly	1775'			
Organ Rock	2300			
Cutler Eraps	2840			
Hermosa	3805			
Upper Ismay	4500			
Lower Ismay	4634			
Desert Creek	5126			
Lower Hermosa	5276			
Molas	5530			
Miss	5600			
Devonian Ourray	5985			
Elbert	6110			
McCracken	6330			
Ameth	6440			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG	Am Strat
<u>IE, GR Sonic</u>	<u>NA</u>	<u>NA</u>	SAMPLE DESCRP.	<u>x</u>
			SAMPLE NO.	<u>1267*</u>
			CORE ANALYSIS	
			DSTs	<u>x</u>
			<u>*Tucson 1679</u>	

REMARKS <u>Have side wall core descriptions: See File</u>	APP. TO PLUG	<u>x</u>
	PLUGGING REP.	<u>x</u>
	COMP. REPORT	<u>x</u>

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

BOND CO. Travelers Indemnity Company BOND NO. 1138713

BOND AMT. \$ 2,500 CANCELLED 2-24-64 DATE \_\_\_\_\_ ORGANIZATION REPORT 11-5-63

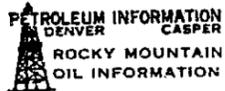
FILING RECEIPT 9359 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. \_\_\_\_\_ DATE ISSUED 11-5-63 DEDICATION W/2 SW/4

PERMIT NUMBER 260



ARIZONA  
APACHE CO.  
WILDCAT (W)



Twp 41n-26e  
Section 31  
SW SW  
520 n/s 610 e/w

OPR: MacDonald Oil; WM. O. Callaway WELL #: 1 Navajo

ELEV: 5124 DF.

TOPS: Log-Sample

Chinle 1092  
Coconino 1690  
Organ Rock 2290  
Hermosa 3662  
Paradox 4845  
Molas 5506  
Mississippian 5597  
Oray 5985  
Elbert 6108  
McCracken 6328  
Aneth 6440

DSTS. & CORES:

No cores.  
DST 4781-4819, SI 30  
mins, open 30 mins,  
SI 30 mins, rec 5 mud,  
FP 75-75#, SIP 755-  
755#, HP 2275-2275#.  
DST 5075-92 (straddle  
pkrs), SI 30 mins, open  
2 hrs, SI 1 hr, rec 1000  
salt wtr, FP 107-485#,  
SIP 1719-1719#, HP  
2422-2422#.

SPUD: 11-15-63 COMPL: 12-24-63

TD: 6500 PB:  
CSG: 8-5/8" @ 789 w/500

PERF:

BROD. ZONE:

INIT. PROD: D & A.

Contr: Cactus

Ariz. 2-464110

### 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 <b>Macdonald Oil Corporation</b>		Address <b>Box 5402 - Midland, Texas</b>		
Lease Name <b>Navajo Indian Reservation</b>		Well Number <b>1</b>	Field & Reservoir <b>Wildcat</b>	
Location <b>530' FSL 610' FWL Sec. 31 T-41N, R26-E Gila &amp; Salt River Meridian</b>				
County <b>Apache</b>	Permit number <b>None</b>	Date Issued <b>-</b>	Previous permit number <b>-</b>	Date Issued <b>-</b>
Date spudded <b>11-15-63</b>	Date total depth reached <b>12-16-63</b>	Date completed, ready to produce <b>-</b>	Elevation (DF, RKB, RT or Gr.) <b>5124 DF</b> feet	Elevation of casing hd. flange <b>-</b> feet
Total depth <b>6500</b>	P.B.T.D. <b>-</b>	Single, dual or triple completion? <b>-</b>	If this is a dual or triple completion, furnish separate report for each completion.	
Producing interval (s) for this completion <b>-</b>		Rotary tools used (interval) <b>0-6500</b>	Cable tools used (interval) <b>-</b>	
Was this well directionally drilled? <b>No</b>	Was directional survey made? <b>Yes - totco</b>	Was copy of directional survey filed? <b>No</b>	Date filed <b>-</b>	
Type of electrical or other logs run (check logs filed with the commission) <b>Induction, Electric, Sonic, Gamma Ray, Caliper</b>			Date filed <b>1-13-64</b>	

#### 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	8 5/8	24	789	500	None

#### TUBING RECORD

#### LINER RECORD

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

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

#### INITIAL PRODUCTION

Date of first production		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'ed 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 Manager of Production of the Macdonald Oil Corporation (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

Signature

STATE OF ARIZONA OIL & GAS  
CONSERVATION COMMISSION  
Well Completion or Recompletion Report and Well Log  
Form No. F-7      File two copies

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Formation Tops	0	330	Red Rock
Navajo Surface	370	1270	Red Bed and Sand
DeChelly 1775	1750	3483	Sand and Shale
Organ Rock 2300	3483	3597	Sand
Cutter Evaporites 2840	3597	4040	Sand & Shale
Hermosa 3805	4040	4249	Shale & Lime
Upper Ismay 4500	4249	4422	Lime, Shale w/streaks of sand
Lower Ismay 4634	4422	4634	Shale & Lime
Desert Creek 4778	4634	4675	Lime, Sand & Chert
Akah 4958	4675	4819	Lime & Shale
Barker Creek 5126	4819	4934	Lime & Chert
Lower Hermosa 5276	4934	5175	Lime & Shale
Nolas 5530	5175	5576	Lime, Shale and Chert
Mississippian 5600	5576	5593	Shale
Devonian-Ouray 5985	5593	5807	Shale and Lime
Elbert 6110	5807	6016	Lime
McCraken 6330	6016	6175	Lime, Shale and Chert
aneth 6440	6175	6356	Lime & Sand
TD 6500	6356	6387	Sand
	6387	6473	Sand and Chert
	6473	6500	Sand & Shale TD 6500'

DST #1 - (4786-4819) Desert Creek Formation. Open tool with very weak blow, died in 5 mins. open 11 mins. Closed for 30 mins. Reopened tool w/no blow. Closed for 75 mins. Recovered 10' drilling mud. IHP 2278, FHP 2293, IFP 15#, FFP 15#, ISIP (30 mins) 755#, ISIP (75 mins) 781#, FSIP 117# (20 mins) FSIP (75 mins) 143#. No water cushion used. Test taken 12-2-63.

DST #2 - (5075-5092) Open tool w/weak blow for 5 mins. Closed tool 30 mins. Reopened tool w/weak increasing to good blow thruout test. Tool open 2 hours then shut in one hour. Recovered 1000' saltwater. IHP 2394, FHP 2385, IFP 50#, FFP 503#. ISIP 1697#, FSIP 1689#. No cushion ran. Test taken 12-19-63.

\* 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 driller's 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>Macdonald Oil Corporation</b>		Address <b>Box 5402 - Midland, Texas</b>	
Name of Lease <b>Navajo Indian Reservation</b>		Well No. <b>1</b>	Field & Reservoir <b>Wildcat</b>
Location of Well <b>510' F/S/L &amp; 610' F/W/L - Sec. 31, T41N, R26E, Gila &amp; Meridian</b>		Sec-Twp-Rge or Block & Survey <b>Salt River</b>	County <b>Apache</b>
Application to drill this well was filed in name of <b>Macdonald Oil Corporation</b>	Has this well ever produced oil or gas <b>No</b>	Character of well at completion (initial production): Oil (bbls/day) <b>---</b> Gas (MCF/day) <b>---</b> Dry? <b>Dry</b>	
Date plugged: <b>December 24, 1963</b>	Total depth <b>6500'</b>	Amount well producing when plugged: Oil (bbls/day) <b>-0-</b> Gas (MCF/day) <b>-0-</b> Water (bbls./day) <b>-0-</b>	
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</b>			<b>6500-6250-50 Sx Cement</b>
			<b>5650-5540-40 Sx Cement</b>
			<b>3850-3700-40 Sx Cement</b>
			<b>1750-1600-40 Sx Cement</b>
			<b>850- 750-40 Sx Cement</b>
			<b>30- 0-15 Sx Cement</b>

**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>8-5/8"</b>	<b>789</b>	<b>-0-</b>	<b>789</b>	<b>-0-</b>	<b>None</b>

Was well filled with mud-laden fluid, according to regulations? **Yes**      Indicate deepest formation containing fresh water. **Unknown**

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

Name	Address	Direction from this well:
<b>Navajo Tribal Council</b>	<b>Windowrock, Arizona</b>	<b>Surrounding</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.

Use reverse side for additional detail  
File this form in duplicate with the State of Arizona Oil & Gas Conservation Commission

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **Manager of Production** of the **Macdonald Oil Corporation** (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 **January 10, 1964**

*P. J. Conner*  
Signature

**STATE OF ARIZONA OIL & GAS  
CONSERVATION COMMISSION**

Form No. P-15

Plugging Record    File two copies

200

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
OPERATOR Macdonald Oil Corporation ADDRESS Box 5402 - Midland, Texas
LEASE Navajo Indian Resv. WELL NO. 1 COUNTY Apache
SURVEY Gila & Salt River Meridion SECTION -- 31 DRILLING PERMIT NO. None
LOCATION 510' F/S/L and 610' F/W/L - Section 31, T41N, R26E
500

TYPE OF WELL Dry Hole (Oil, Gas or Dry Hole) TOTAL DEPTH 6500'

ALLOWABLE (If Assigned)
LAST PRODUCTION TEST OIL (Bbls.) WATER (Bbls.)
GAS (MCF) DATE OF TEST

PRODUCING HORIZON PRODUCING FROM TO

1. COMPLETE CASING RECORD 8-5/8" Set @ 789' - Cemented with 500 sacks
regular with 2% Gel. Cement circulated.

2. FULL DETAILS OF PROPOSED PLAN OF WORK Spot cement plugs as follows.
6500' to 6250' - 50 Sacks cement.
5650' to 5540' - 40 Sacks cement.
3850' to 3700' - 40 Sacks cement.
1750' to 1600' - 40 Sacks cement.
850' to 750' - 40 Sacks cement. Put dry hole marker in top of plug.
30' to 0' - 15 Sacks cement.

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 24, 1963

NAME OF PERSON DOING WORK Cactus Drlg. Corp ADDRESS Midland, Texas

CORRESPONDENCE SHOULD BE SENT TO Macdonald Oil Corporation - Box 5402 - Midland
Texas

NAME [Signature]
TITLE Manager of Production

Date Approved

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
Form No. 15A File 2 Copies

MACDONALD OIL CORPORATION  
SEC 31 - T41N - R26E  
APACHE COUNTY, ARIZONA

SIDE WALL CORE DESCRIPTION

4665 LS, LT GRN-BRN, DNS, SLTY.  
4673 LS, LT BRN, DNS, SLTY, FRACS.  
4680 LS, LT BRN, DNS.  
4686 AS ABOVE, FRACS?  
4694 LS, BRN, DNS, SLTY, FRACS.  
4706 LS, DK BRN, DNS.  
4713 LS, DK BRN, DNS, HRD, BIOCLASTIC, FORAM FOSS.  
4718 LS, GRN, DNS, SLTY/SDY.  
4727 LS, GRN, DNS, SLTY.  
4738 LS, LT BRN, DNS.  
4755 LS, BRN, DNS, SCAT MED XLS, SDY.  
4774 AS ABOVE.  
4783 V POOR SAMPLE, AS ABOVE?  
4786 LS, BRN, DNS, DEAD OIL IN FRAC, SLICKENSIDES?  
4797 AS ABOVE, DEAD OIL?  
4817 LS, BRN, DNS, SLTY.  
4831 LS, BRN, DNS, FRACS.

MACDONALD OIL CORPORATION  
 SEC 31 - T41N - R26E  
 APACHE COUNTY, ARIZONA

SAMPLE DESCRIPTION

2550 - 2830	SH, DK BRN, PURP, LT GRN.
2830 - 2870	SH, RD BRN, PURP, LT GRN.
2870 - 3000	SH, DK BRN, PURP BRN, LT GRN.
3000 - 3100	SH AS ABOVE.
3100 - 3160	SH AS ABOVE.
3160 - 3270	SH AS ABOVE - INCR IN LT GRN.
3270 - 3480	SH AS ABOVE.
3480 - 3510	SH AS ABOVE, SDY.
3510 - 3530	SH, RD BRN, PURP BRN, INCR LT GRN.
3530 - 3550	SH, BRN, RD BRN, PURP BRN, LT GRN; TR WH CHT?
3560 - 3640	SH AS ABOVE, SDY.
3640 - 3680	SH AS ABOVE.
3680 - 3700	SH, RD BRN, SMALL AMT LT GRN, LT GRY.
3700 - 3720	SH, RD BRN, PURP BRN, SDY; INCR LT GRN, LT GRY.
3720 - 3750	SH AS ABOVE.
3750 - 3770	SH BRN, RD BRN, PURP BRN, LT GRN, SDY; TR LS, LT BRN, DNS.
3770 - 3800	SH AS ABOVE W/ MANY LSE SS GRAINS, F/M, SBA/SBR.
3800 - 3840	AS ABOVE; TR LS, LT GRY, LT BRN, DNS, SOME FOSS.
3840 - 3860	AS ABOVE W/ OR CHT.
3860 - 3870	SH AS ABOVE W/ LSE SS GRAINS; SS, OR RD, FG, ANG.
3870 - 3880	SH RD BRN, LT GRN; SS, OR RD, VF/F; TR LS, GRY, DNS/F, FOSS?
3880 - 3920	SLST, OR RD, SHY; SS, OR RD, WH, SHY MATRIX; TR LS, LT GRY, DNS, SOME SDY.
3920 - 3960	AS ABOVE? MUCH LC MATERIAL.
3960 - 3980	SLST & SS AS ABOVE; SOME BRN SH.
3980 - 3990	SH BRN, LT GRY.
3990 - 4010	SH DK BRN, SLTY; LT GRN, GRY; SS, LT GRY, WH, FG, CALC, ANG.
20	LS, WH, FXLN, SDY; SS & SH AS ABOVE.
30	AS ABOVE
40	AS ABOVE
50	SH DK BRN, GRY GRN; TR LS, LT GRY, BRN, DNS; TR SS, WH, NG, SBR, PRI.
60	AS ABOVE; LS SDY.
70	LS, DK GRY, DNS, V SLTY, SOME LT GRY, DNS.
80	LS, DK GRY, DNS/VFLN, SLTY/SDY.
90	AS ABOVE, DOLOMITIC.
L100 - 4110	AS ABOVE, SL FOSS. START 5' SAMPLES.
20	LS, GRY, DNS, DOLO, SLTY/SDY; TR TAN CHT.
30	SH, RD BRN, SLTY; SLST OR RD; TR SS, LT GRY, F/C, SBR; TR LS AS ABOVE.
40	AS ABOVE; TR BRN CHT.
50	LS, GRY, DNS, SLTY, DOLO; SH & SLST AS ABOVE.
60	SH & SLST AS ABOVE; TR LS AS ABOVE.
70	SH BRN, RD BRN, GRN GRY; TR LS, GRY, BRN, DNS; TR SLST, GRY.
80	SH AS ABOVE; SS, GRY, F/M, SBA.
90	SH AS ABOVE SDY; TR SS AS ABOVE.
4200 - 4205	SH & SS AS ABOVE; TR LS, GRY, BRN, DNS.
10	AS ABOVE
20	AS ABOVE; LS SDY.

4230 - 4250 SH, BRN, GRY, GRN, SLTY; LS, LT BRN, GRY, DNS/VFXLN, SLTY/SDY, SOME FOSS.  
 4250 - 4280 SH & LS AS ABOVE.  
 4280 - 4310 LS, LT GRY, LT BRN, DNS/VFXLN, SDY; SH, RD BRN, BRN, GRY-GRN, SLTY; SOME TAN CHT.  
 4310 - 4370 LS & SH AS ABOVE.  
 4370 - 4385 SH, MED GRY, SLTY.  
 4385 - 4420 LS, LT GRY, LT BRN, DNS; SH GRY, BRN, RD BRN, SLTY.  
 4420 - 4430 SH, GRY, BRN, RD BRN.  
 4430 - 4460 SH, GRY, BRN, RD BRN; TR LS, BRN, GRY, DNS.  
 4460 - 4485 SH & LS AS ABOVE; SLST DK GRY.  
 4485 - 4510 SH AS ABOVE - INCR IN MED GRY SH, SCME DK GRY; LS, LT GRY, LT BRN, SDY, DNS, SOME SI FOSS.  
 4510 - 4525 SH & LS AS ABOVE; SS, LT GRY, FG, ANG, FRI.  
 4525 - 4535 SH AS ABOVE; LS, LT BRN, LT GRY, DNS/VFXLN, SLTY/SDY; TR OR CHT; GRN GRY SH.  
 4535 - 4540 AS ABOVE; INCR IN GRN GRY SH.  
 4540 - 4555 SH, GRN GRY, BRN, PURP.  
 4555 - 4570 SH AS ABOVE; TR LS, GRY, BRN, DNS, SDY; TR TAN CHT.  
 4570 - 4590 SH AS ABOVE; LS, LT GRY, BRN, DNS, SDY; LT BRN CHT.  
 4590 - 4610 SH & LS AS ABOVE; SS, LT GRY, FG, LSE.  
 4610 - 4635 SH RD BRN, TR GRN. POOR SAMPLES.  
 4635 - 4645 SH AS ABOVE; TR LS, BRN, DNS; TR LT BRN CHT.  
 4645 - 4690 SH RD BRN, RD, GRN GRY; SLST GRY; POOR SAMPLES?  
 4690 - 4740 SH AS ABOVE - INCR IN GRN & GRY GRN SH; LS, BRN, DNS, HRD; BRN CHT.  
 4740 - 4765 SH, BRN, GRY GRN; LS, DK BRN, DOLC, DNS/VFXLN, CHTY.  
 4765 - 4795 POOR SAMPLES. SH AS ABOVE; LS, LT/DK BRN, DNS, DOLC.  
 4795 - 4800 SH BRN, GRN GRY, GRN.  
 4800 CIRC OUT ONE HOUR: LS, LT BRN, LT GRY, DNS/VFXLN, NO SHOWS OR VISIBLE POROSITY.  
 4800 - 4815 SH, BRN, GRN GRY; TR LS AS ABOVE; TR LS, WH, DNS, SDY.  
 4819 CIRC OUT ONE HOUR: LS BRN, VFXLN, SFT, SL FOSS; NO VISIBLE POROSITY; FAINT FLOR & CUT.  
 DST NO. 1.  
 4820 - 4845 LS, LT BRN, DNS/VFXLN, HRD; SH, BRN, GRN GRY.  
 4845 - 4855 LS, LT/DK BRN, GRY, DNS/VFXLN, CHTY.  
 4855 - 4875 LS, BRN, GRY, DNS/VFXLN, SLTY; SLST, GRY, CALC.  
 4875 - 4900 LS, WH, LT GRY, BRN, DNS/VFXLN; SH, GRY, SLTY; SLST, GRY.  
 4900 - 4910 POOR SAMPLES. AS ABOVE?  
 4910 - 4925 LS, BRN, GRY, DNS/VFXLN; SH, GRY, GRN GRY.  
 4925 - 4960 LS, LT GRY, LT BRN, DNS/VFXLN, SLTY/SDY, FOSS; SH, GRY; TAN CHT.  
 4960 - 4990 LS, LT GRY, LT BRN, DNS/VFXLN, HRD; SH, GRY, GRN GRY, SLTY; CHT, WH, TAN.  
 4990 - 5000 LS AS ABOVE; TR SS, WH, F/MG, CALC, POROUS.  
 5000 - 5005 LS AS ABOVE.  
 5005 - 5020 LS, LT GRY, LT BRN, SDY; SS AS ABOVE; SH, GRY, RD BRN, SLTY.  
 5020 CIRC OUT. SS, LT GRY, MG, V FRI; LS AS ABOVE.  
 5020 - 5025 SS, LS & SH AS ABOVE.  
 5025 - 5055 LS, LT BRN, DNS; TAN CHT; SH, GRY, GRN GRY, SLTY; TR ANHY, WH, XLN (CVG?).

5055 - 5065 LS, BRN, DNS; SH, GRY, GRN GRY, SLTY; TR SS, GRY, MG, ANG, MARLY MATRIX, FRI; TAN CHT.  
 5065 - 5085 CIRC OUT: SLST, DK GRY, V SFT, CALC. NO SHOWS.  
 5065 - 5085 LS, LT/DK BRN, DNS, SOME OOIC; SH, BRN, GRY, PURP, GRN GRY, SLTY.  
 5085 - 5120 LS, LT GRY, LT BRN, DNS/VFXLN, SDY; SH, BRN, GRY, GRN GRY, SLTY.  
 5120 - 5140 LS AS ABOVE, SOME OOIC; SH AS ABOVE.  
 5140 - 5155 LS AS ABOVE; INCR IN SH.  
 5155 - 5180 LS, LT GRY, LT BRN, DNS/VFXLN, SDY; SH, DK GRN GRY, DK GRY.  
 5180 - 5200 LS & SH AS ABOVE; TR BRN SLST.  
 5200 - 5210 TR LS AS ABOVE; SH AS ABOVE; TR BRN, GRY SLST & SS WH, F/M.  
 5210 - 5220 AS ABOVE.  
 5220 - 5230 LS, LT BRN, DNS/VFXLN; TR SS, WH, F/M, LSE; SH, GRN GRY, GRY; TR LT BRN CHT.  
 5230 - 5280 LS & SH, SLTY AS ABOVE.  
 5280 - 5340 LS, LT GRY, LT BRN, DNS/VFXLN, SOME SLTY; CHT, LT BRN; SH, GRY, GRN GRY, GRY RD, SLTY.  
 5342 CIRC OUT: LS, LT GRY, LT BRN, DNS/VFXLN, SFT, SOME STYOLITIC; SH, GRN GRY, SLTY.  
 5340 - 5355 LS & SH AS ABOVE; SLST CVGS?  
 5355 - 5360 AS ABOVE; TR SS, LT GRY, F/MG, SBR, W/GRN SH PEBS.  
 5360 - 5390 LS, LT GRY, LT BRN, DNS/VFXLN; LT BRN CHT; SH, GRN, GRY RD.  
 5390 - 5410 LS AS ABOVE, SOME OOIC; SH AS ABOVE.  
 5410 - 5430 LS, LT GRY, DNS/VFXLN, SOME CHKY & STYOLITIC; SH AS ABOVE.  
 5430 - 5455 LS, LT GRY, LT BRN, DNS/VFXLN; LT BRN CHT; SH, GRN, GRN GRY, BRN, SLTY; TR SS, GRY, F/MG, LSE.  
 5455 - 5485 LS, V LT GRY, DNS/VFXLN, CHKY; TR OR CHT.  
 5485 - 5490 LS AS ABOVE WITH CORAL FOSS.  
 5490 - 5515 LS, LT GRY, DNS/VFXLN; SH, GRN, GRN GRY, BRN, SLTY.  
 5515 - 5615 MUCH SH AS ABOVE.  
 5615 - 5625 SH, GRN GRY, GRY RD.  
 5625 - 5670 LS, LT GRY, LT BRN, DNS/VFXLN; CHT, WH, TAN, OR; SOME SH AS ABOVE.  
 5670 - 5725 LS AS ABOVE; CHT, WH, OR.  
 5725 - 5765 LS, LT GRY, DNS/VFXLN, SOME OOIC; CHT, WH.  
 5765 - 5800 LS, LT GRY, DNS/VFXLN, YEL/WH, SFT, CHKY, SOME OOIC.  
 5800 - 5810 LS, YEL, F/MXLN, TR OOIC.  
 5810 - 5820 LS, LT BRN, F/MXLN, DOLO?, F/G INTXLN POR, NO SHOWS.  
 5820 - 5860 LS, LT BRN, CRM, F/MXLN, DOLO?  
 5860 - 5895 LS, CRM, F/MXLN, TR CXLN; WH CHT; TR BRN LS, FXLN, DCLD?  
 5895 - 5910 LS AS ABOVE; CHT, WH, TAN, OR; SH, GRY RD, GRN GRY (CVG?).  
 5910 CIRC OUT: LS AS ABOVE, MUCH CHT; SH AS ABOVE SOME BRN GRN.  
 5910 - 5950 LS, LT GRY, LT BRN, DNS/VFXLN; CHT, WH, TAN; SH AS ABOVE, CVG?  
 5950 - 5975 LS, VLT GRY, VFXLN; DOLO, WH, FXLN; SH AS ABOVE.  
 5975 - 5985 LS, WH, VFXLN; DOLC, LT BRN, FXLN, SUC; SH AS ABOVE.  
 5985 - 5990 DOL, BRN, SUC, HRD, NO SHOWS.  
 5990 - 5995 LS, LT GRY, DNS/VFXLN, SFT; DOL AS ABOVE; SH AS ABOVE.  
 5995 - 6010 LS AS ABOVE; DOL, BRN, WH, FXLN; SH VARICLORED; SLST, GRY.  
 6010 - 6030 LS, BRN, DNS, CLASTIC, TR PYRITE; DOL, BRN, FXLN, SLTY; SS, WH, GRN, GRY, VFG, ANG.

6030 - 6060 LS, BRN, DNS/VFXLN, TR PYR; DOL, WH, BRN, FXLN; SH  
 VARICOLORED; SS VARICLD, VF/F, ANG.  
 6060 - 6090 SH, GRN GRY, GRY, PURP., SDY; LT GRN, WXY; SS, WH/LT GRY,  
 VF/FG; TR LS & DOL AS ABOVE.  
 6090 - 6115 SH VARICLORED, INCR IN GRN SH; LS & DOL AS ABOVE; SS, WH,  
 LT GRY, VF/CG.  
 6115 - 6120 DOL, LT BRN, DNS/VFXLN.  
 6120 - 6155 LS, LT GRY, DNS/VFXLN; DOL, LT BRN, DNS/VFXLN; VARICLD SH;  
 SS, WH, GRY, VF SOME CSE, GLAUC?  
 6155 - 6160 DOL, BRN, DNS, VFXLN; CHT, TAN; SH, LT GRN, GRY, PURP.  
 6160 - 6165 AS ABOVE; TR SS GRY, SHY MATRIX, CG, RDED, LSE.  
 6165 - 6170 LS & DOL, BRN, DNS/VFXLN; SH AS ABOVE; SOME LS WI CSE,  
 RDED QTZ GRAINS.  
 6170 - 6175 AS ABOVE; TR SS, WH, FG, HRD; TR PYR.  
 6175 - 6200 LS & DOL AS ABOVE; SS, WH, CLR, M/CG, ANG/SUBANG, SOME  
 RDED; TR SS, RD BRN, VFG, HRD; TR RD BRN LS, SLTY, HRD.  
 6200 - 6210 AS ABOVE; DECR IN SS.  
 6210 - 6225 AS ABOVE; SS, LT GRY, VFG, ANG, GLAUC.  
 6225 - 6230 DOL, WH, LT BRN, SUC, SOME W/ RDED SS GRAINS; LS, LT GRY,  
 LT BRN, DNS/VFXLN, HRD, SLTY; VARICLD SH; SS, GRY, VFG.  
 6230 - 6235 DOL, DK BRN, DNS/VFXLN, HRD; LS, LT BRN, DNS/VFXLN.  
 6235 - 6240 DOL & LS AS ABOVE; SH GRY, LT GRN, OR RD; TR SH, BLK, HRD,  
 SLTY; SS, GRY, GRN, VFG, HRD.  
 6240 - 6245 AS ABOVE.  
 6245 - 6260 DOL, LT/MED BRN, DNS/VFXLN, HRD, SLTY/SDY; SH, GRY, GRN  
 GRY, BLK, SLTY; TR LT GRN, WXY SH; SS, LT GRY, F/MG, RDED,  
 W/CSE BRN LS PEBS.  
 6260 - 6270 DOL, LT/MED BRN, DNS/VFXLN, HRD, SOME SDY; SH AS ABOVE.  
 6270 - 6280 DOL, BRN, SOME WH AS ABOVE; SH, GRN GRY, GRY, LT GRN, LAV,  
 RD BRN; SS WH, PURP BRN, GRN, VF/FG, RDED, SOME GLAUC.  
 6280 - 6290 AS ABOVE.  
 6290 - 6300 DOL, LT GRY, LT BRN, TR PURP, DNS/VFXLN, SOME V WH, DNS;  
 SH AS ABOVE; TR SS, WH, LT GRN, VF/FG, SOME GLAUC.  
 6300 - 6315 AS ABOVE, DOL DK BRN; TR BLK SH.  
 6315 - 6320 AS ABOVE, INCR IN SS, WH, VF/F/CSEG, RDED; TR LAV LS.  
 6320 - 6330 DOL, GRY, BRN, DNS/SUC, SOME W/RDED QTZ GRAINS; SS, WH,  
 LT GRY, VF/MG, RDED; SH, GRN, GRN GRY, PURP, TR BLK.  
 6330 - 6345 SS, WH, LT GRY, F/C, RDED, V HRD; DOL AS ABOVE; SH AS  
 ABOVE, SOME LAV.  
 6345 - 6355 DOL, MED/DK BRN, GRY, DNS/VFXLN, SLTY/SDY, SOME W/RDED  
 QTZ GRAINS; SH VARICLD, SOME BLK, HRD; SS, LT GRY, RDED.  
 6355 - 6365 DOL & SS AS ABOVE; TR BLK FLATY SH.  
 6365 - 6375 AS ABOVE.  
 6375 - 6380 DOL AS ABOVE; SS, WH, F/MG, GLAUC; SH AS ABOVE.  
 6380 - 6385 AS ABOVE, INCR IN WELL SORTED SS.  
 6385 - 6395 AS ABOVE.  
 6395 - 6410 DOL, LT BRN, DNS/VFXLN; SS, WH, VF/MG, SOME GLAUC;  
 VARICOLORED SH(CVG?).  
 6410 - 6415 SS, WH, FG, SL FRIABLE, SL GLAUC.  
 6415 - 6420 SS, DULL RD BRN, VFG, GLAUC; DOL, RD BRN, BRN, VFXLN,  
 SOME SDY, GLAUC; SOME WH SS, F/C; SH BRN, GRN, RD BRN.

6420 - 6435 AS ABOVE, INCR IN SH.  
 6435 - 6455 AS ABOVE, INCR IN SH; TR GRY ARKOSIC SS, W/GRN SH INCL,  
 PK FELD, GLAUC.  
 6455 - 6460 SS, WH, RD BRN, VF/MG, GLAUC; SH, RD BRN, LT PURP, GRN.  
 6460 - 6465 AS ABOVE.  
 6465 - 6470 DOL & LS, LT BRN, DNS/VFXLN; SH AS ABOVE; SS AS ABOVE;  
 TR CGL, RDED GRAINS; TR ARKOSE, GRN GRY, SHALY.  
 6470 - 6480 DOL LT GRY, LT BRN, DNS/VFXLN; SS, WH, PK, FG, GLAUC.  
 6480 - 6500 SH RD BRN; DOL, LT GRY, DNS/FXLN. POOR SAMPLES?  
 6500 CIRC OUT SAMPLES: DOLO, LT GRY, DNS/FXLN, HRD.

#### DRILL STEM TESTS

DST NO. 1-4786 - 4819. Opened with very weak blow, dead in  
 five minutes. Rec. 10' mud.  
 TO 86 minutes.  
 IFP 14# (11 min)  
 FFP 14# (60 min)  
 ISIP 755# (30 min)  
 FSIP 117# (75 min)  
 IHH 2278#  
 FHH 2249#

DST NO. 2-5075 - 5092. Straddle Packer Test.  
 Opened five minutes with weak blow.  
 Shut In 30 Minutes.  
 TO 2 Hours.  
 Started with weak blow, ended with strong blow.  
 Recovered 1000 feet salt water.  
 ISIP 1719 # (30 min)  
 FSIP 1719# (60 min)  
 IFP 107#  
 FFP 485#  
 IHH 2422#  
 FHH 2422#

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-4332</b>	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>	
2. NAME OF OPERATOR <b>Donald Oil Corporation</b>		7. UNIT AGREEMENT NAME <b>---</b>	
3. ADDRESS OF OPERATOR <b>Box 5402 - Midland, Texas</b>		8. FARM OR LEASE NAME <b>Navajo Indian Reservation</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <b>510' SL &amp; 610' WL Sec. 31, T41N, R26E</b> At top prod. interval reported below: At total depth:		9. WELL NO. <b>#1</b>	
14. PERMIT NO. <b>None</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>	
DATE ISSUED <b>---</b>		11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA <b>510' SL 610' WL Sec. 31 T41N R26E</b>	
15. DATE SPUNDED <b>11-15-63</b>		12. COUNTY OR PARISH <b>Apache</b>	
16. DATE T.D. REACHED <b>12-16-63</b>		13. STATE <b>Arizona</b>	
17. DATE COMPL. (Ready to prod.) <b>Feb 12-24-63</b>		18. ELEVATIONS (DF, RB, BT, OR, ETC.) <b>5124 DF* 5114 GR</b>	
19. ELEV. CASINGHEAD <b>---</b>		20. TOTAL DEPTH, MD & TVD <b>6500'</b>	
21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY <b>6500'</b>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>None</b>	
25. ROTARY TOOLS		26. CABLE TOOLS	
27. WAS DIRECTIONAL SURVEY MADE <b>Yes-None</b>		28. WAS WELL CORED <b>No</b>	
29. TYPE ELECTRIC AND OTHER LOGS RUN <b>LES, SCR-C, Velocity Survey</b>			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE <b>8 5/8</b>	WEIGHT, LB./FT. <b>24</b>	DEPTH SET (MD) <b>789</b>	HOLE SIZE <b>12 1/4</b>
CEMENTING RECORD <b>300 sx reg. w/25 Gal circulated 25 sx.</b>		AMOUNT PULLED <b>None</b>	
29. LINER RECORD			
SIZE <b>None</b>	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		PACKER SET (MD)	
SIZE <b>None</b>	DEPTH SET (MD)		
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		AMOUNT AND KIND OF MATERIAL USED	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
<b>6900-6950</b>		<b>50 sacks cement 0-30-15 sacks</b>	
<b>5510-5650</b>		<b>40 "</b>	
<b>3850-3700</b>		<b>40 "</b>	
<b>1750-1650</b>		<b>40 "</b>	
33. PRODUCTION <b>750-850</b>		<b>40 "</b>	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		<b>---</b>	
WELL STATUS (Producing or shut-in) <b>---</b>			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
			GAS—MCF.
			WATER—BBL.
			OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED	<i>P. J. Kenney</i>	TITLE	<b>Manager of Production</b>
		DATE	<b>1-9-64</b>

\*(See Instructions and Spaces for Additional Data on Reverse Side)

J  
560

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions; (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DIRECTIONAL TESTS, INCLUDING DEPTH INTERVAL TESTING, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Desert Creek Zone			<p>LOG No. 1 - 4785-4819. Log 10' bed. Tool open 66 min. opened with weak blow, closed 5 min. IFF 146' (11 min) FFP 146' (68 min) ISIP 755' (30 min) FSIP 1178' (75 min) IH 2278-2289</p> <p>LOG #2 - 5075-5092 Straddle Packer Tool open 2 hrs. SI 90 min. Opened 5 min with weak blow, ended with strong blow. Rec. 1000' salt water. ISIP 1719-FSIP 1719 (60 min) IFF 167'-FFP 489' - IH 2422 FPH 2422</p>	<p>Havajs DeChally Organ Hook Cutter Evaporites 2840 Hermosa Upper Lamy Lower Lamy Desert Creek Akab Barter Creek Lower Hermosa Melas Mississippi Devonian-Curry Elbert McCabe Aneth</p>	<p>Surface 1775 2300 3805 4300 4624 4778 4938 5126 5276 5530 5600 5985 6110 6330 6440</p>	

38. GEOLOGIC MARKERS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

2. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

3. NAME OF OPERATOR: **Handonald Oil Corporation**

4. ADDRESS OF OPERATOR: **Box 5402 - Midland, Texas**

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):  
At surface: **500' W. & 610' N. Sec. 31, T13N, R26E**  
At top prod. interval reported below: \_\_\_\_\_  
At total depth: \_\_\_\_\_

6. LEASE DESIGNATION AND SERIAL NO.: **14-20-603-6332**

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: **Navajo**

8. UNIT AGREEMENT NAME: \_\_\_\_\_

9. FARM OR LEASE NAME: **Navajo Indian Reservation**

10. WELL NO.: **71**

11. FIELD AND POOL, OR WILDCAT: **Wildcat**

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: **500' W. 610' N. Sec. 31 T13N R26E**

13. COUNTY OR PARISH: **Apache**

14. STATE: **Arizona**

15. DATE SPUNDED: **11-15-63**

16. DATE T.D. REACHED: **12-16-63**

17. DATE COMPL. (Ready to prod.): **Feb 12-24-63**

18. ELEVATIONS (DF, RKB, BT, CH, ETC.): **5124 DF, 5114 CR**

19. ELEV. CASINGHEAD: \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD: **6500'**

21. PLUG, BACK T.D., MD & TVD: \_\_\_\_\_

22. IF MULTIPLE COMPL., HOW MANY: \_\_\_\_\_

23. INTERVALS DRILLED BY: \_\_\_\_\_

24. ROTARY TOOLS: **6500'**

25. CABLE TOOLS: \_\_\_\_\_

26. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): **None**

27. WAS DIRECTIONAL SURVEY MADE: **Yes-Noted**

28. TYPE ELECTRIC AND OTHER LOGS RUN: **LES, SGR-C, Velocity Survey**

29. WAS WELL CORED: **No**

30. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8</b>	<b>24</b>	<b>769</b>	<b>12 1/4</b>	<b>500 sz reg. w/25 Gal circulated 25 sz.</b>	<b>None</b>

31. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<b>None</b>				

32. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<b>None</b>		

33. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>6500-6830</b>	<b>90 sacks cement 0-30-15 sacks</b>
<b>6810-6850</b>	<b>40 sacks</b>
<b>6850-6700</b>	<b>40 "</b>
<b>1750-1800</b>	<b>40 "</b>

34. PRODUCTION: **750-850**

35. DATE FIRST PRODUCTION: \_\_\_\_\_

36. PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): \_\_\_\_\_

37. WELL STATUS (Producing or shut-in): **ISA**

38. DATE OF TEST: \_\_\_\_\_

39. HOURS TESTED: \_\_\_\_\_

40. CHOKER SIZE: \_\_\_\_\_

41. PROD'N. FOR TEST PERIOD: \_\_\_\_\_

42. OIL—BBL.: \_\_\_\_\_

43. GAS—MCF.: \_\_\_\_\_

44. WATER—BBL.: \_\_\_\_\_

45. GAS-OIL RATIO: \_\_\_\_\_

46. FLOW. TUBING PRESS.: \_\_\_\_\_

47. CASING PRESSURE: \_\_\_\_\_

48. CALCULATED 24-HOUR RATE: \_\_\_\_\_

49. OIL—BBL.: \_\_\_\_\_

50. GAS—MCF.: \_\_\_\_\_

51. WATER—BBL.: \_\_\_\_\_

52. OIL GRAVITY-API (CORR.): \_\_\_\_\_

53. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): \_\_\_\_\_

54. TEST WITNESSED BY: \_\_\_\_\_

55. LIST OF ATTACHMENTS: \_\_\_\_\_

56. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: **R. J. Kenney** TITLE: **Manager of Production** DATE: **1-2-64**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s), and name(s), (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:** SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COILED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL DOWN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERY

DESCRIPTION, CONTENTS, ETC.

**Well No. 1 - 1785-2019, Hole 10' Prod.**  
 Tool open 86 min. opened with weak blow,  
 closed 5 min. IFF 147 (11 min) FFF 249 (40 min)  
 ISIP 755 (30 min) ISIP 2178 (75 min) BE  
 2278-2289

**Well No. 2 - 5075-2072 Studdable Packer**  
 Tool open 2 hrs. 31 30 min. Opened 5 min  
 with weak blow, ended with strong blow.  
 Hole 1000' well number. ISIP 1719-5119 1719  
 (40 min) IFF 107-FFF 485 - IFF 2422  
 FFF 2422

FORMATION	TOP	BOTTOM	GEOLOGIC MARKERS		
			NAME	MEAN DEPTH	TRUE VERT. DEPTH
Dovecreek Creek Zone			Hawaii	Surface	
			DeChally	1775	
			Organ Rock	2300	
			Letter Suspension	2640	
			Hermosa	3005	
			Upper Lenny	4500	
			Lower Lenny	4634	
			Dovecreek Creek	4778	
			Alach	4958	
			Barber Creek	5126	
			Lower Hermosa	5276	
			Melias	5530	
			Mississippi	5600	
Alach Formation			Dorvilan-Curry	5985	
			Elbert	6110	
			McCabe	6330	
			Anetha	6440	

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THIS ENVELOPE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-4334

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo Indian Reservation

9. WELL NO.

# 1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31, T41N, R26E

12. COUNTY OR PARISH

Apache

13. STATE

Arizona

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

1. OIL WELL  GAS WELL  OTHER  Dry Hole

2. NAME OF OPERATOR  
Macdonald Oil Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 5402 - Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 520' F/S/L; 610' F/W/L, Section 31, R26E, Apache County, Arizona. (Approximately 40 miles West of Shiprock, New Mexico).

14. PERMIT NO.

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

5114' Ground

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	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"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input checked="" type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

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.)

Drilled 12 1/2" hole to 789'. Ran 27 joints 8-5/8" 24#, J-55, 5mls casing and set at 789'. Cemented with 500 sacks of regular cement with 2% gel. Circulated 25 sacks of cement. Tested casing to 800# and held okay. Plug down @ 8:30 AM November 16, 1963.  
Drilled to total depth of 6500' with 7-7/8" hole. No show of oil or gas. Ran ES - Ind. log and Gamma Ray Sonic log. Obtained verbal approval to plug and abandoned. Will set cement plugs at following intervals: 6500' - 6250', 5500' - 5650', 3700' - 3850', 1600' - 1750', 750' - 850', will weld plate on top of surface pipe. Space between plugs to be filled with heavy mud laden fluid. Expect to plug December 24, 1963. Will install dry hole marker in top of casing. Location will be cleaned up as soon as rig moved out of way.

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

SIGNED [Signature]

TITLE Manager of Production

DATE December 24, 1963

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL  DEEPEN  PLUG BACK

NAME OF COMPANY OR OPERATOR \_\_\_\_\_ DATE November 5, 1963

MACDONALD OIL CORPORATION Dallas, Texas  
 Address City State  
 3333 Republic Bank Building, Dallas 1, Texas

DESCRIPTION OF WELL AND LEASE

Name of lease Navajo Indian Reservation	Well number 1	Elevation (ground) 5114'
Well location (give footage from section lines) Section—township—range or block & survey 520' from South line and 610' from West line, Section 31, T-41N R-26E		
Field & reservoir (If wildcat, so state) Wildcat	County Apache	
Distance, in miles, and direction from nearest town or post office Approx. 40 miles West of Shiprock, New Mexico		
Nearest distance from proposed location to property or lease line: 520 feet feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: None feet	
Proposed depth: 6500 feet	Rotary or cable tools Rotary	Approx. date work will start November 15, 1963
Number of acres in lease: 2560 Acres	Number of wells on lease, including this well, completed in or drilling to this reservoir: One	
If lease, purchased with one or more wells drilled, from whom purchased: Name Address		

Status of bond

Applied for.

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)

\* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the Macdonald Oil Corporation (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.

November 5, 1963  
Date

Signature

*Robert E. Mead*

Permit Number: 260  
 Approval Date: 11/13-63  
 Approved By: R. E. Mead

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

Form No. P-1

File two copies

Effective Feb. 28, 1962.

OK John Pelt

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

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

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

Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

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

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	24#	F-25 ST & C	0	700	Will circulate cement	75

Form No. P-1

COMPANY Macdonald Oil Corporation

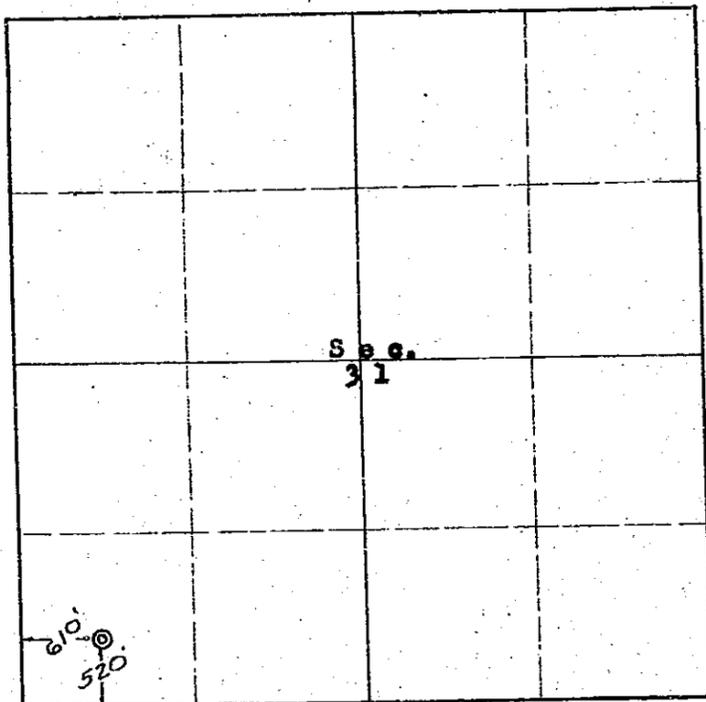
Well Name & No. No. 1 Navajo Indian Reservation Lease No. \_\_\_\_\_

Location 520 feet from the South line and 610 feet from the West line.

Being in SW/4SW/4

Sec. 31, T. 11 N., R. 26 E., ~~Range~~, Gila & Salt River Meridian, Apache County, Arizona.

Ground Elevation 5114



Scale, 4 inches = 1 mile

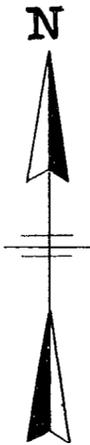
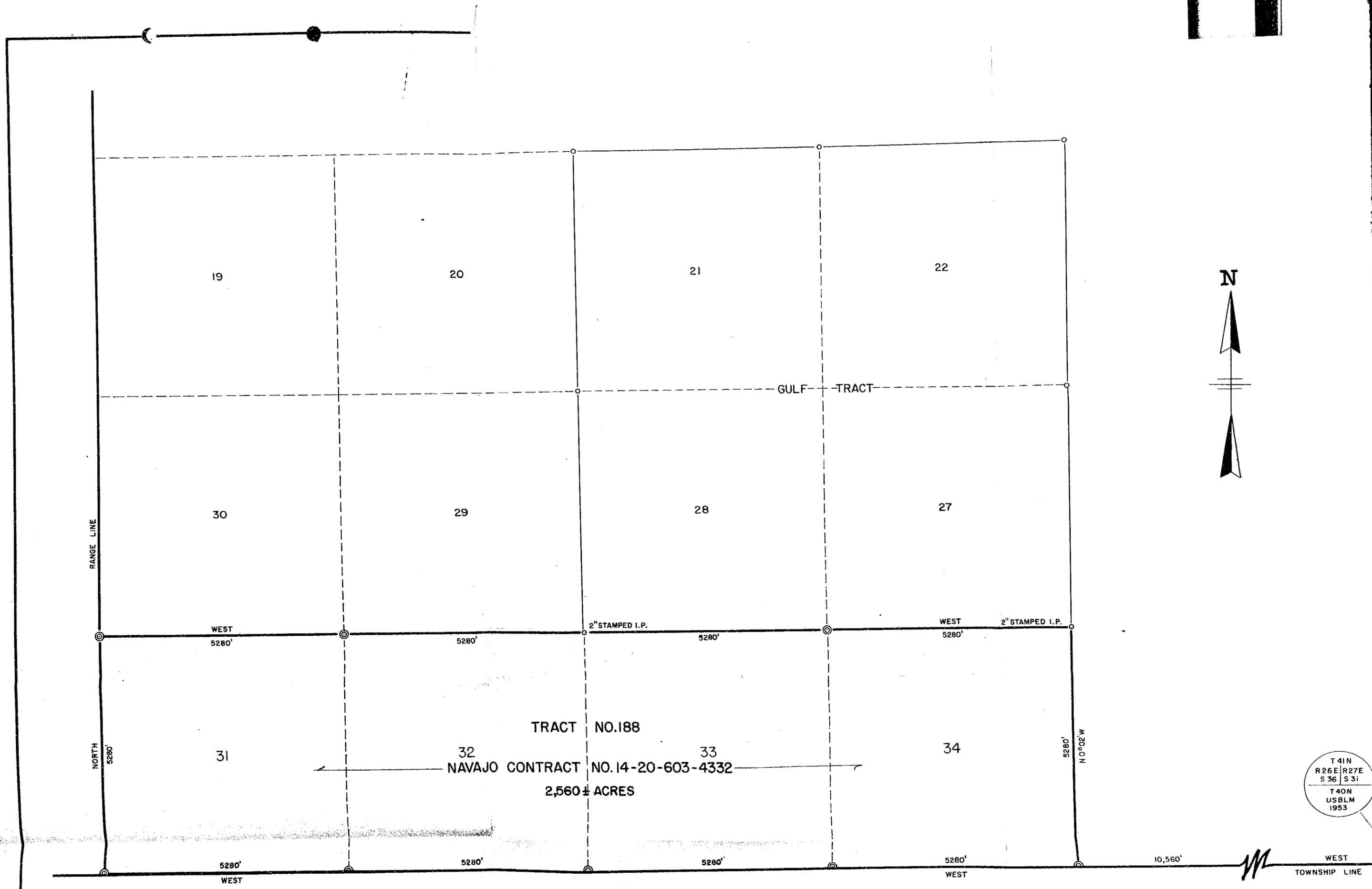
Surveyed November 3, 1963

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.



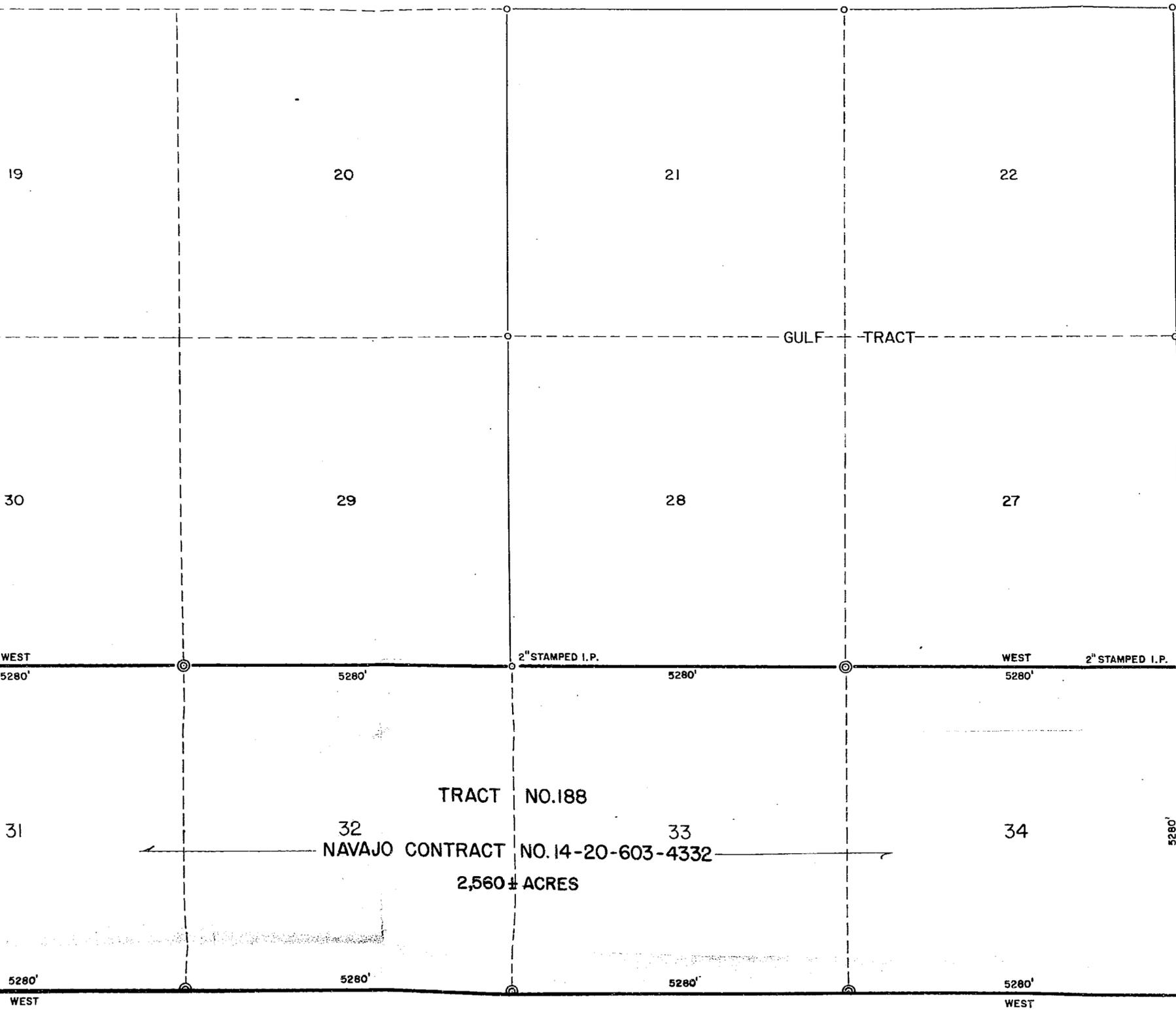
*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor  
N. M. Reg. #1545  
Arizona Reg. No. 2311



T 41N  
R 26E | R 27E  
S 36 | S 31  
T 40N  
USBLM  
1953

WEST TOWNSHIP LINE



T  
41  
N

T 41N  
R 26E | R 27E  
S 36 | S 31  
T 40N  
USBLM  
1953

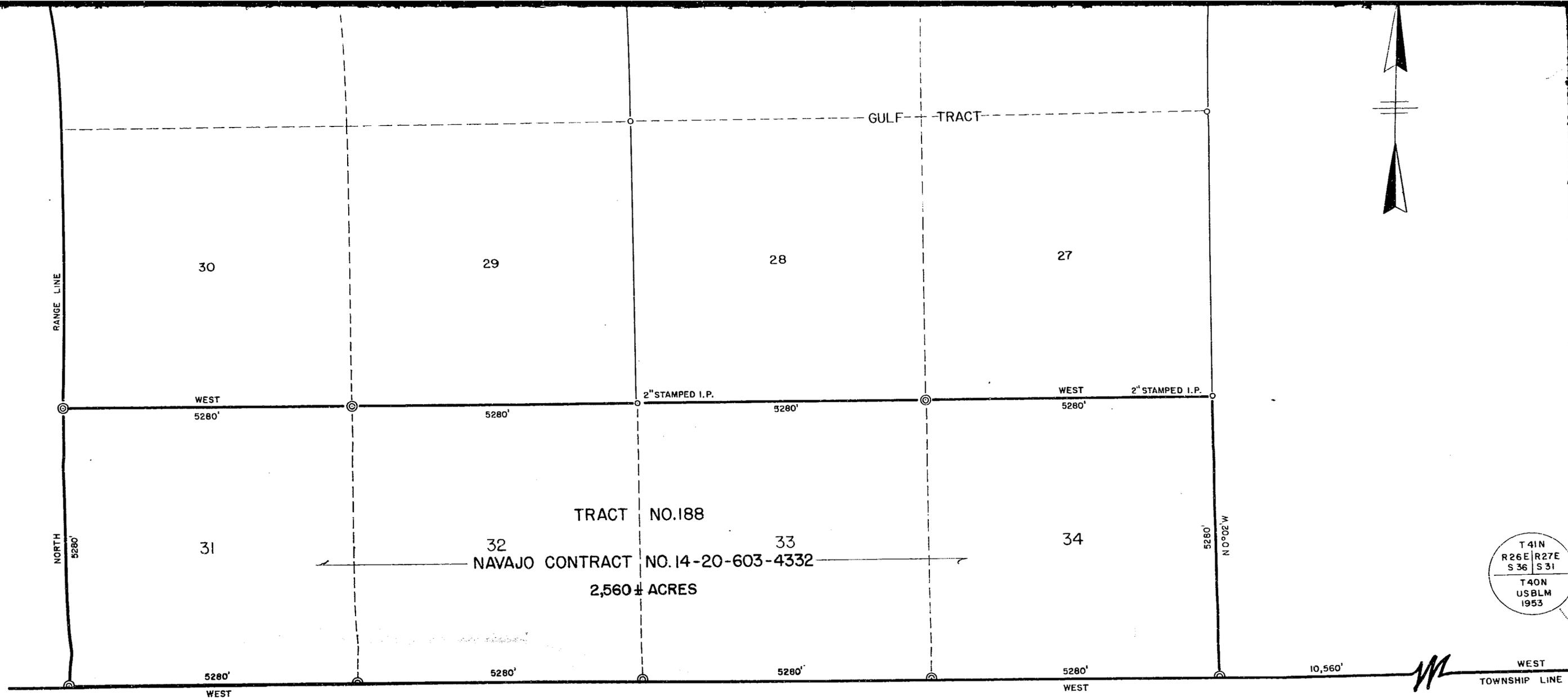
RANGE LINE  
NORTH

STANDARD BLM  
BRASSCAP COR.

WEST  
TOWNSHIP LINE

R 26 E

448 501 CORP. - NAVAJO



T 41N  
R 26E | R 27E  
S 36 | S 31  
T 40N  
USBLM  
1953

R 26 E

—○— STAMPED BRASSCAP IRON PIPE CORNERS ESTABLISHED THIS SURVEY

SCALE 4 INCHES = 1 MILE

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.

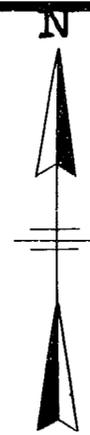
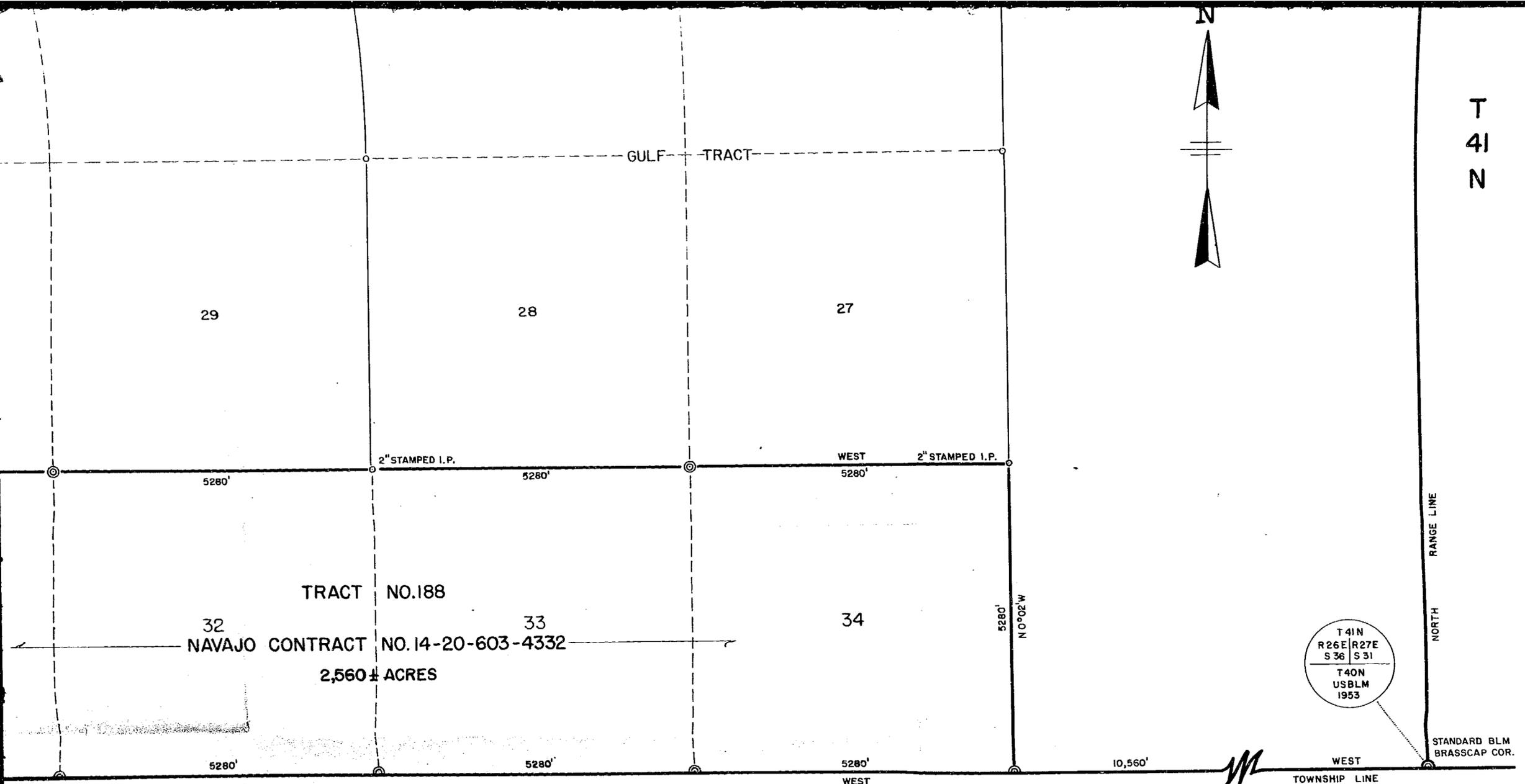


*Ernest V. Echohawk*  
ERNEST V. ECHOHAWK  
REGISTERED LAND SURVEYOR  
REG. NO. 2311  
ARIZONA

UTAH					
ARIZONA					
6	5	4	3	2	1
7					12
18					13
19					24
30					25
31	TRACT NO. 188	32	33	34	35
					36

R 26 E  
UNSURVEYED TOWNSHIP

**MACDONALD OIL CORPORATION**  
TRACT NO. 188 - NAVAJO CONTRACT NO. 14-20-603-4332, T 41N - R 26E, GULF TRACT  
NAVAJO INDIAN RESERVATION  
**APACHE COUNTY**  
SURVEYED BY E.V. ECHOHAWK, FARMINGTON, NEW MEXICO



R 26 E

—○— STAMPED BRASSCAP IRON PIPE CORNERS ESTABLISHED THIS SURVEY  
SCALE 4 INCHES = 1 MILE

THIS SURVEY PLAT WAS PREPARED FROM THE ORIGINAL FIELD NOTES MADE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*E. V. Echohawk*  
E. V. ECHOHAWK  
SURVEYOR

UTAH					
ARIZONA					
6	5	4	3	2	1
7					12
18					13
19					24
30					25
31	TRACT NO. 188 32	33	34	35	36
R 26 E					
UNSURVEYED TOWNSHIP					
T 41 N					

**MACDONALD OIL CORPORATION**

TRACT NO.188 - NAVAJO CONTRACT NO.14-20-603-4332  
SECTIONS 31-32-33-34, T 41N-R 26E, G. & S.R. MERIDIAN

NAVAJO INDIAN RESERVATION

APACHE COUNTY ARIZONA

SURVEYED BY E.V.ECHOHAWK, FARMINGTON, NEW MEX. NOVEMBER 1963

1963 NOV 11 10 11 AM  
BLM  
APACHE COUNTY ARIZONA

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND NO. 1138713

That we: MACDONALD OIL CORPORATION

of the County of: Dallas in the State of: Texas

as Principal, and THE TRAVELERS INDEMNITY COMPANY

of Hartford, Connecticut 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 condition 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:

Sec. 31, 32, 33, 34 TP 31N, R 26E  
(May be used as blanket bond or for single well)

**CANCELLED**

DATE 2-24-64

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 TWO THOUSAND FIVE HUNDRED AND NO/100 - - - - - (\$2,500.00) DOLLARS

Witness our hands and seals, this 5th day of November, 1963

MACDONALD OIL CORPORATION  
BY: Robert E. Mead (President)  
Principal

Witness our hands and seals, this 5th day of November, 1963

THE TRAVELERS INDEMNITY COMPANY  
BY: William R. Snow  
William R. Snow, Attorney-in-Fact Surety

(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.)

g6c Approved \_\_\_\_\_  
Date \_\_\_\_\_  
*Richard A. Samulsky Phoenix, Arizona*

STATE OF ARIZONA  
OIL AND GAS CONSERVATION COMMISSION

The Travelers Indemnity Company  
Hartford, Connecticut

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS:

That THE TRAVELERS INDEMNITY COMPANY, a corporation of the State of Connecticut, does hereby make, constitute and appoint

F. Leslie Campbell, Jr., D. M. Dunlevie, Asa Jackson, Sam R. Kimmell,  
Ronald G. McDearman, C. W. Morgan, William R. Snow, J. Leroy Tull,  
all of Dallas, Texas, EACH

its true and lawful Attorney(s)-in-Fact, with full power and authority, for and on behalf of the Company as surety, to execute and deliver and affix the seal of the Company thereto, if a seal is required, bonds, undertakings, recognizances or other written obligations in the nature thereof, as follows:

Any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind THE TRAVELERS INDEMNITY COMPANY thereby, and all of the acts of said Attorney(s)-in-Fact, pursuant to these presents, are hereby ratified and confirmed. This appointment is made under and by authority of the following by-laws of the Company which by-laws are now in full force and effect:

ARTICLE IV, SECTION 10. The President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, any Vice President, any Secretary or any Department Secretary may appoint attorneys-in-fact or agents with power and authority, as defined or limited in their respective powers of attorney, for and on behalf of the Company to execute and deliver, and affix the seal of the Company thereto, bonds, undertakings, recognizances or other written obligations in the nature thereof and any of said officers may remove any such attorney-in-fact or agent and revoke the power and authority given to him.

ARTICLE IV, SECTION 12. Any bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and duly attested and sealed, if a seal is required, by any Secretary or any Department Secretary or any Assistant Secretary, or when signed by the President, the Chairman of the Finance Committee, the Chairman of the Insurance Executive Committee, or any Vice President and countersigned and sealed, if a seal is required, by a duly authorized attorney-in-fact or agent; and any such bond, undertaking, recognizance or written obligation in the nature thereof shall be valid and binding upon the Company when duly executed and sealed, if a seal is required, by one or more attorneys-in-fact or agents pursuant to and within the limits of the authority granted by his or their power or powers of attorney.

This power of attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Directors of THE TRAVELERS INDEMNITY COMPANY at a meeting duly called and held on the 30th day of November, 1959:

VOTED: That the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney or special power of attorney or certification of either given for the execution of any bond, undertaking, recognizance or other written obligation in the nature thereof; such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

This power of attorney revokes that dated May 22, 1962 on behalf of D. C. Bowers, D. M. Dunlevie, Sam R. Kimmell, Alden L. Lancaster, Ronald G. McDearman, C. W. Morgan, William R. Snow, J. Leroy Tull

IN WITNESS WHEREOF, THE TRAVELERS INDEMNITY COMPANY has caused these presents to be signed by its proper officer and its corporate seal to be hereunto affixed this 8th day of April 19 63.

THE TRAVELERS INDEMNITY COMPANY

By

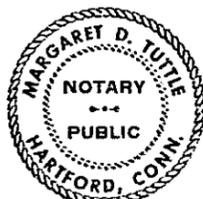
*R. W. Kammann*

Secretary, Fidelity and Surety



State of Connecticut, County of Hartford--ss:

On this 8th day of April in the year 1963 before me personally came R. W. Kammann to me known, who, being by me duly sworn, did depose and say: that he resides in the State of Connecticut; that he is Secretary (Fidelity and Surety) of THE TRAVELERS INDEMNITY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of his office under the by-laws of said corporation, and that he signed his name thereto by like authority.



*Margaret D. Tuttle*

Notary Public

My commission expires April 1, 1964

(Over)

CERTIFICATION

I, W. A. Person, Assistant Secretary (Fidelity and Surety) of THE TRAVELERS INDEMNITY COMPANY certify that the foregoing power of attorney, the above quoted Sections 10 and 12 of Article IV of the By-Laws and the Resolution of the Board of Directors of November 30, 1959 have not been modified or revoked and are now in full force and effect.

Signed and Sealed at Hartford, Connecticut, this 5th day of November 19 63 .



  
Assistant Secretary, Fidelity and Surety

XXXXXXXXXX

February 24, 1964

Mr. William R. Snow  
The Travelers Indemnity Company  
1400 Adolphus Tower Building  
1412 Main Street  
Dallas 2, Texas

Re: Oil Well Drilling Bond No. 1138713  
Macdonald Oil Corporation

Dear Mr. Snow:

In regard to your form letter of February 4, 1964, in which you had typed in "The lands covered are not State lands, but Indian lands".

This is true, but they are still governed by Arizona Statutes. I don't imagine anyone represented them as being State lands as there are no Arizona State lands in the Navajo Reservation within many miles of the Four Corners. (Was this what you meant?)

There are several townships of minerals (oil, gas, and all other minerals) in the Reservation which belong to a land company. This is the reason we have the Statute. If we didn't, these once fee land mineral rights would be violated by allowing contamination of fresh water, etc.

Since the Macdonald Oil Corporation fully satisfied the bonding requirements for a drilling bond in the State of Arizona, the bond on their #1 Navajo Indian Reservation Well in Section 31-T41N-R26E, Apache County, is herewith released.

We would like very much for them to drill some more in Arizona as they were very cooperative and we are sorry theirs was an unfortunate project. I am sending you a copy of our Rules and Regulations, as well as something about the oil, gas and helium industry in Arizona. We do not curb any production, and are very lenient on operators.

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:mkc  
Encl. 2



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 959  
Farmington, New Mexico

IN REPLY REFER TO:

Feb. 13, 1964

*McDonald Oil Co.  
& Partners well*

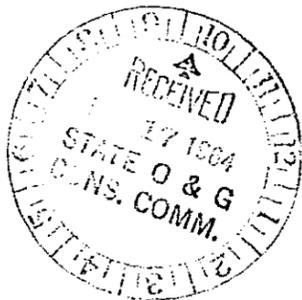
Mr. John K. Petty  
State of Arizona  
Oil Conservation Commission  
1624 W. Adams  
Phoenix 7, Arizona

Dear John:

Today we approved the abandonment of the MacDonald Oil Corp.  
well No. 1 Navajo, located in the SW $\frac{1}{4}$  sec. 31, T. 41 N., R. 26 E.,  
Apache County, Arizona.

Very truly yours,

Richard B. Krahl  
Acting District Engineer



NOTICE OF CANCELATION

DATE February 4, 1964

Oil and Gas Conservation Commission  
State of Arizona  
Phoenix, Arizona

GENTLEMEN:

Notice is hereby given of the cancellation of a bond issued to \_\_\_\_\_

THE JURED MacDonald Oil Corporation

ADDRESS Dallas, Texas

STREET \_\_\_\_\_

OCCUPATION Drilling Company

LOCATION \_\_\_\_\_

\*\*\*\*\*

TITLE OF BOND Oil Well Drilling Bond

BOND NO. 1138713

EFFECTIVE DATE November 5, 1963

CANCELATION PROVISION \_\_\_\_\_

CANCELATION EFFECTIVE November 5, 1963

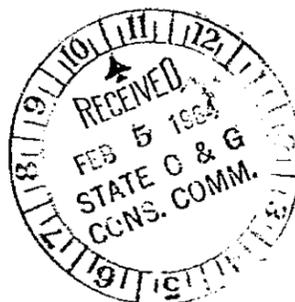
The captioned bond was issued in error. The lands covered are not State lands, but Indian Lands. If you are unable to give us a cancellation date of 11-5-63, please send back the original bond in order for us to cancel this bond flat. Thank you for your help.

THE TRAVELERS INDEMNITY COMPANY  
1400 ADOLPHUS TOWER BUILDING  
1612 MAIN STREET  
DALLAS 2, TEXAS

BY William R. Snow  
Attorney-in-Fact

William R. Snow

WRS:ls



MACDONALD OIL CORPORATION

Box 5402

MIDLAND, TEXAS

January 20, 1964

Oil and Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix 7, Arizona

Re: Navajo Indian Resv. # 1  
Apache County, Arizona

Attn: Mr. John Petty  
Acting Exec. Secretary

Dear Sir:

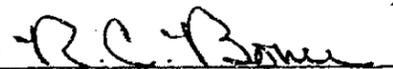
Please find attached sample descriptions on the  
above subject well.

I believe this completes the information requested  
by you in your letter of January 2, 1964. Should you need  
additional information, please advise.

Yours very truly

Macdonald Oil Corporation

By



R. C. Boner

XXXXXXXXXX  
XXXXXXXXXX

January 20, 1964

Mr. B. J. Bonner,  
Manager of Production  
Macdonald Oil Corporation  
P. O. Box 5402  
Midland, Texas

Re: Macdonald Oil Corporation #1 Navajo  
Indian Reservation, Apache County, Arizona

Dear Mr. Bonner: and Forms 15 and 15A

This acknowledges receipt of Form P-7/on above  
well and logs.

Thanks very much for your cooperation, and we  
will appreciate receiving the sample log at  
your convenience.

Hoping you will open a new field in Arizona this  
year, I am,

Sincerely,

John K. Petty  
Acting Executive Secretary

JKP:mkc

Encl. Approved Form 15 and 15A.

MACDONALD OIL CORPORATION

BOX 5402

MIDLAND, TEXAS  
January 13, 1964

Oil & Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix 7, Arizona

Re: Navajo Indian Reservation #1  
Apache County, Arizona

Attention: Mr. John Petty,  
Acting Exec. Secretary

Dear Sir:

Please find attached completed Form P-7 pertaining to the above subject well. We have included on this form a description of our two DST's taken on the well.

We are also inclosing a copy of the logs run on the well.

We will mail you a copy of the sample description as soon as it is received from our geologist in Farmington, New Mexico.

Should you need additional information or data please let us know.

Very truly yours,

MACDONALD OIL CORPORATION

*B. J. Bonner*

B. J. Bonner

BJB/jg

January 2, 1964

Mr. B. J. Bonner  
Macdonald Oil Corporation  
Box 5402  
Midland, Texas

Dear Mr. Bonner:

Herewith find attached Arizona State forms: Application to Abandon and Plug, and Plugging Record. We will appreciate receiving an original and a carbon. The carbon will be approved and sent back for your files.

The plugging procedure you have mentioned in the U.S.G.S. report is satisfactory with us.

Also attached find Completion forms of which we would like for you to send us an original and one copy, the latter to be approved and to be sent back for your files.

Then, we'd like two copies of all logs run on the well, one copy of your geologist's sample description. If you employed core lab, rotary, etc. instead, please send a copy of their sample and core descriptions. If possible, I'd appreciate a description of your DST's.

Hoping you are hugely successful in your next project in Arizona as well as all your undertakings elsewhere, I am,

Yours truly,

John K. Petty  
Acting Executive Secretary

JKP:mkc  
Encl.

MACDONALD OIL CORPORATION

Box ~~2052~~ 5402

MIDLAND, TEXAS

December 24, 1963

State of Arizona  
Oil and Gas Conservation Commission  
Tucson, Arizona

Re: Navajo # 1, Sec.  
31, T41N, R26E,  
Apache Co., Ariz.

Gentlemen:

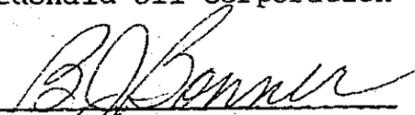
Please find attached a completed U. S. G. S.  
Plugging Report on the above subject well.

If the State of Arizona has state reports that  
should be filed on the plugging of the above referred to  
well, would you please forward a supply of the forms  
to the above address. Upon receipt of the forms we will  
complete and return to your office at once.

Should you need additional information please  
advise.

Very truly yours

Macdonald Oil Corporation

By 

B. J. Bonner

Manager of Production

Mr. B. J. Bonner:

Herewith attached find Arizona state forms on  
intention to plug and plugging. We will appreciate  
an original and a carbon, which will be approved and  
sent back for your files. The plugging procedure you have  
mentioned in the U.S.G.S. report is satisfactory with us.

Also attached find completion forms of which we would like for you to send us an original and one copy. latter ~~for~~ appraisal not to be sent back for your files.

Then we'd like two copies of ~~your~~ logs run on the well, one copy of <sup>your geologist's</sup> sample description. If you employed Corbale-Rotary etc instead please send a copy of their sample or core descriptions.

~~Also~~ If possible I'd appreciate a description of your DST's. Hoping you are largely successful in your next project in Arizona as well as all your undertakings elsewhere. I am yours truly,

November 19, 1963

Mr. Robert E. Mead, President  
Macdonald Oil Corporation  
3333 Republic Bank Building  
Dallas 1, Texas

Re: Well No. 1 Navajo Indian Reservation  
Section 31-T41N-R26E, Apache County, Arizona

Dear Mr. Mead:

Enclosed find your approved Permit to Drill together  
with receipt for the \$25.00 fee.

We wish you all the luck in the world on your venture.

When you finish your well, we have some completion forms,  
etc., which we will send you and we trust that you will  
save a sample bag of samples from each sampled interval  
and deposit these with the Four Corners Sample Cut at  
Farmington, New Mexico, when your well is completed.

If you have any questions regarding this sampling or  
any of our rules and regulations, please let us know and  
we will clarify same.

Very truly yours,

John K. Petty  
Acting Executive Secretary

JKP:mkc  
Encl.

# THE TRAVELERS

THE TRAVELERS INSURANCE COMPANY · THE TRAVELERS INDEMNITY COMPANY



November 11, 1963

DALLAS OFFICE  
Adolphus Tower Building  
1412 Main Street  
DALLAS, TEXAS 75202  
Telephone: Riverside 7-8261

Oil and Gas Conservation Commission  
State of Arizona  
Phoenix, Arizona

Gentlemen:

RE: Bond No. 1138713 Oil Well Drilling Bond  
MacDonald Oil Corporation

Enclosed, please find bond as above captioned, further described as being executed by the undersigned as Attorney-in-Fact in the penal amount of \$2,500.00, effective November 5, 1963, and properly countersigned by Resident Agent of your State.

We trust you will find the bond suitable for filing with your Department, but if not, please advise and we will do the necessary.

Yours very truly,

*William R. Snow*  
William R. Snow  
Field Supervisor

WRS:fn

Enclosure

FINAL SETTLEMENT OF INVOICES LISTED BELOW IS ACKNOWLEDGED BY ENDORSEMENT OF CHECK

DATE	INVOICE	AMOUNT	DISCOUNT	NET
11/7/63	Fee for Application			\$ 25.00

DETACH THIS STATEMENT BEFORE DEPOSITING . . . MACDONALD OIL CORPORATION

260

MACDONALD OIL CORPORATION  
3333 REPUBLIC BANK BUILDING  
DALLAS, TEXAS

November 7, 1963

Mr. John K. Petty  
Oil & Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix, Arizona

Re: SW SW Section 31-T41N-R26E  
Apache County, Arizona

Dear Mr. Petty:

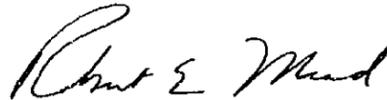
Enclosed are the following forms necessary to  
drill the above captioned land:

1. Application to Drill, in duplicate.
2. Check for \$25.00 to the Oil & Gas Conservation  
Commission.
3. A copy of the plat showing the lease.
4. One copy of the Organization Report.

You will be sent a copy of the well location plat  
showing the location of the drill site as soon as  
we receive it from the surveyor.

Best regards,

MACDONALD OIL CORPORATION



Robert E. Mead, President

REM:sd  
Encl.

