

Gallup

U. S. LAND OFFICE Navajo - Ute Mtn

SERIAL NUMBER

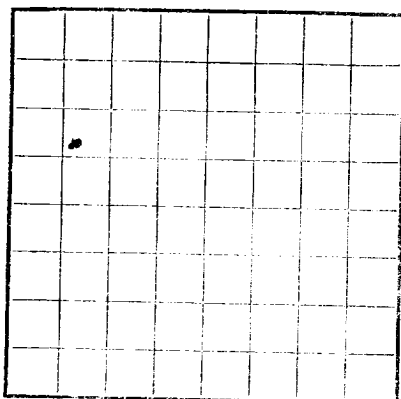
LEASE OR PERMIT TO PROSPECT

14-20-600-3530

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 2197, Farmington, New Mexico
 Lessor of Tract Navajo - Ute Mtn Tribal Field Undesignated State New Mexico
Mobil Navajo
 Well No. 2 Sec. 7 T. 31N R. 16W Meridian NMPM County San Juan
 Location 1900 ft. [X] of N Line and 850 ft. [E] of W Line of Sec. 7 Elevation 5375 G.L.
[S] [X]

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date 5-28-63

Title Drlg & Prod. Supv.

The summary on this page is for the condition of the well at above date.

Commenced drilling May 13, 1963 Finished drilling May 18 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>1332</u> to <u>1339</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	97.71	60	Pump & Plug		Cement Circulated
1/2	1397.34	90	Pump & Plug	8.7	Annulus Full

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
SAND-OIL-FRACTURE	perfs. 1332-39 w/18000#	10/20 sand and 2000#	8/12 glass beads in			
27,720 gallons lease crude.	FBD 3500/900 psi	Avg rate 28.5 BPM,	Avg press 1775 psi.			
Job complete 7:50 am	5-21-63.					

TOOLS USED

Rotary tools were used from Surface feet to 1402 T.D. feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----5-29-63-----, 19----- Put to producing 5/22 (New Oil) ----- 19 63

The production for the first ¹¹~~24~~ hours was ³⁰⁵~~665~~ barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. ^{Daily rate}~~BEPD~~ Gravity. °Be. ^{41.0°}~~41.0°~~ APT

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

La Plata Drilling Corp., Driller

_____, Driller

FORMATION RECORD

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1164	1164	Mancos Shale
1164	1342	178'	Niobrara Upper Niobrara Sand 1206-1221 Lower Niobrara Sand 1324-1342
1342	1402 T.D.	60	Juana Lopez (Member of Carlisle Formation)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND SURVEY

NEW 640 RO AND RO 600

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 Telex 123456
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ENVOY TO CHINA AND RO LIO

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added to the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If any of the bridges were put in to test for strength, state in detail the material used, position, and results of pumping or loading.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-48094-2

FROM-	TO-	TOTAL FEET	FORMATION
1000	1100	100	Upper Miocene sand 1000-1100
1100	1200	100	Lower Miocene sand 1100-1200
1200	1300	100	Upper Miocene sand 1200-1300
1300	1400	100	Lower Miocene sand 1300-1400
1400	1500	100	Upper Miocene sand 1400-1500
1500	1600	100	Lower Miocene sand 1500-1600
1600	1700	100	Upper Miocene sand 1600-1700
1700	1800	100	Lower Miocene sand 1700-1800
1800	1900	100	Upper Miocene sand 1800-1900
1900	2000	100	Lower Miocene sand 1900-2000
2000	2100	100	Upper Miocene sand 2000-2100
2100	2200	100	Lower Miocene sand 2100-2200
2200	2300	100	Upper Miocene sand 2200-2300
2300	2400	100	Lower Miocene sand 2300-2400
2400	2500	100	Upper Miocene sand 2400-2500
2500	2600	100	Lower Miocene sand 2500-2600
2600	2700	100	Upper Miocene sand 2600-2700
2700	2800	100	Lower Miocene sand 2700-2800
2800	2900	100	Upper Miocene sand 2800-2900
2900	3000	100	Lower Miocene sand 2900-3000
3000	3100	100	Upper Miocene sand 3000-3100
3100	3200	100	Lower Miocene sand 3100-3200
3200	3300	100	Upper Miocene sand 3200-3300
3300	3400	100	Lower Miocene sand 3300-3400
3400	3500	100	Upper Miocene sand 3400-3500
3500	3600	100	Lower Miocene sand 3500-3600
3600	3700	100	Upper Miocene sand 3600-3700
3700	3800	100	Lower Miocene sand 3700-3800
3800	3900	100	Upper Miocene sand 3800-3900
3900	4000	100	Lower Miocene sand 3900-4000
4000	4100	100	Upper Miocene sand 4000-4100
4100	4200	100	Lower Miocene sand 4100-4200
4200	4300	100	Upper Miocene sand 4200-4300
4300	4400	100	Lower Miocene sand 4300-4400
4400	4500	100	Upper Miocene sand 4400-4500
4500	4600	100	Lower Miocene sand 4500-4600
4600	4700	100	Upper Miocene sand 4600-4700
4700	4800	100	Lower Miocene sand 4700-4800
4800	4900	100	Upper Miocene sand 4800-4900
4900	5000	100	Lower Miocene sand 4900-5000
5000	5100	100	Upper Miocene sand 5000-5100
5100	5200	100	Lower Miocene sand 5100-5200
5200	5300	100	Upper Miocene sand 5200-5300
5300	5400	100	Lower Miocene sand 5300-5400
5400	5500	100	Upper Miocene sand 5400-5500
5500	5600	100	Lower Miocene sand 5500-5600
5600	5700	100	Upper Miocene sand 5600-5700
5700	5800	100	Lower Miocene sand 5700-5800
5800	5900	100	Upper Miocene sand 5800-5900
5900	6000	100	Lower Miocene sand 5900-6000
6000	6100	100	Upper Miocene sand 6000-6100
6100	6200	100	Lower Miocene sand 6100-6200
6200	6300	100	Upper Miocene sand 6200-6300
6300	6400	100	Lower Miocene sand 6300-6400
6400	6500	100	Upper Miocene sand 6400-6500
6500	6600	100	Lower Miocene sand 6500-6600
6600	6700	100	Upper Miocene sand 6600-6700
6700	6800	100	Lower Miocene sand 6700-6800
6800	6900	100	Upper Miocene sand 6800-6900
6900	7000	100	Lower Miocene sand 6900-7000
7000	7100	100	Upper Miocene sand 7000-7100
7100	7200	100	Lower Miocene sand 7100-7200
7200	7300	100	Upper Miocene sand 7200-7300
7300	7400	100	Lower Miocene sand 7300-7400
7400	7500	100	Upper Miocene sand 7400-7500
7500	7600	100	Lower Miocene sand 7500-7600
7600	7700	100	Upper Miocene sand 7600-7700
7700	7800	100	Lower Miocene sand 7700-7800
7800	7900	100	Upper Miocene sand 7800-7900
7900	8000	100	Lower Miocene sand 7900-8000
8000	8100	100	Upper Miocene sand 8000-8100
8100	8200	100	Lower Miocene sand 8100-8200
8200	8300	100	Upper Miocene sand 8200-8300
8300	8400	100	Lower Miocene sand 8300-8400
8400	8500	100	Upper Miocene sand 8400-8500
8500	8600	100	Lower Miocene sand 8500-8600
8600	8700	100	Upper Miocene sand 8600-8700
8700	8800	100	Lower Miocene sand 8700-8800
8800	8900	100	Upper Miocene sand 8800-8900
8900	9000	100	Lower Miocene sand 8900-9000
9000	9100	100	Upper Miocene sand 9000-9100
9100	9200	100	Lower Miocene sand 9100-9200
9200	9300	100	Upper Miocene sand 9200-9300
9300	9400	100	Lower Miocene sand 9300-9400
9400	9500	100	Upper Miocene sand 9400-9500
9500	9600	100	Lower Miocene sand 9500-9600
9600	9700	100	Upper Miocene sand 9600-9700
9700	9800	100	Lower Miocene sand 9700-9800
9800	9900	100	Upper Miocene sand 9800-9900
9900	10000	100	Lower Miocene sand 9900-10000