

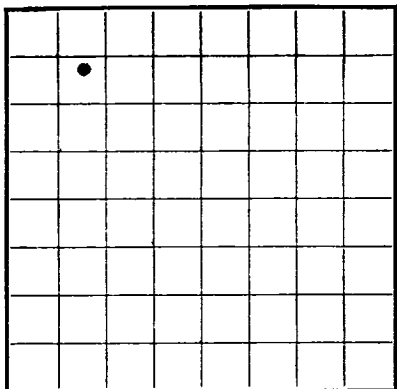
U. S. LAND OFFICE Navajo

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

11-20-603-2081UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Standard Oil Company of Texas Address Box 1581, Farmington, New Mexico
Lessor or Tract Navajo Tribal 2 #1 Field Wildcat State New Mexico
Well No. #1 Sec. 2 T. 26 N R. 15 W Meridian NMP County San Juan
Location 226' ft. 111' of N Line and 21' ft. E. of N Line of SEC. 2 Elevation 5752' 01
(Derrick floor relative to sea level)

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

Title Field ForemanDate March 2, 1959

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

Commenced drilling November 29, 1958, 19 58 Finished drilling December 16, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1520 to 1515 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 _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2-5/8	26.3	100			plug				
3-1/2	47.0	300			plug				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2-5/8	263'	100	plug	9.0	
3-1/2	4700'	300	plug	9.4	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from surface feet to 1530' (15) feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing January 1, 1959, 19____

The production for the first 24 hours was 9 BBL barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39.0° API

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
851'	950'	99'	Pictured Cliffs
950'	1592'	642'	Cliff House Transition Zone Lewis Shale
1592'	3322'	1730'	Cliff House Transition Zone
3322'	3483'	161'	Point Lockout
3483'	4355'	872'	San Jose Shale
4355'	4521'	166'	Gallup Zone
4521'	4542'	22'	Marys Sand
4542'	4816'	274'	Lower Gallup Zone
4816'	4830'	14'	San Jose
TOTAL DEPTH 4830'			
PERFS AT 4522 to 4534, and 4536 to 4542 SQUEEZED WITH 15 SIS NEAT CEMENT TO 500'			
SPOTTED 10 SX CEMENT PLUG OPPOSITE PERFS AT 4522 to 4534, and 4536 to 4542.			
SPOTTED 7 SX CEMENT PLUG AT 4500 to 4550'.			
SET 20' CEMENT PLUG AT TOP OF SURFACE CASING WITH 8 SIS.			
PLUGGED AND ABANDONED JANUARY 22, 1959.			

FROM—

TO—

TOTAL FEET

FORMATION

FORMATION RECORD—CONTINUED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

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LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Commenced drilling _____ Finished drilling _____ 19____

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

Date _____ Title _____

NO. 10 GAS SANDS OR FOULS

(b) (5) DPP, (b) (5) ACP

No. 1 from	to	No. 1 from	to
No. 2 from	to	No. 2 from	to
No. 3 from	to	No. 3 from	to

IMPORTANT WATER SAVING

..... to No. 1 from
..... to No. 2 from

CASING RECORD

Casing	Bit hole	Time used	Yards	Amount	Kind of shot	From	Returned To	Purpose
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 detached or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.								

HISTORY OF OIL OR GAS WELL

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

SLUDDING AND CEMENTING RECORD

[illegible]

PLUG AND ADAPTERS

Adapters—Material	Size
Leaving pipe	1/2 in.

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	test to	test and from	test to
Table tools were used from	test to	test and from	test to

DATE

Rock pressure, lbs. per sq. in.	
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
emulsion; % water; and % sediment.	Gravity, °Bé.
The production for the first 24 hours was	barrels of fluid of which % was oil; %
	But to producing

EMPLOYEES

Driller			
Driller			

FORMATION RECORD

[illegible]

DST #1, 4565-4650, tool open 1 hr, very weak air blow limited and cont thru test, recovered 330, mud 400, HGM, ISP 230#/25"ISP 2250#/30", LFP 360#, LFP 550#, THN 2740#, THN 2738#.

DST#2, 4460-4550, tool open 1 hr, good air blow thruout test, recovered 1260, HGM with trace of oil, ISP 2265#/30", LFP 275#, LFP 725#, THN 2730#, THN 2705#.

CORE #1, 4560-4599, sec 29, shale, 31, sand, f-mg, shly, calc, with scattered flint, thinly interbedded with shale.

CORE #2, 4591-4650, sec 31, 31, interbedded sands as above and siltstones.