

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location 790 ft. [N.] of S Line and 790 ft. [E.] of W Line of Section 18 Elevation 6982
(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.

Date May 9, 1957 Signed W. C. Plunkett Title Petroleum Engineer

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

Commenced drilling	4-1 4-19-57	Finished drilling	4-24	19 57
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OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	173'	125	circulated		

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

TOOLS USED

Rotary tools were used from 0 feet to 5715 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

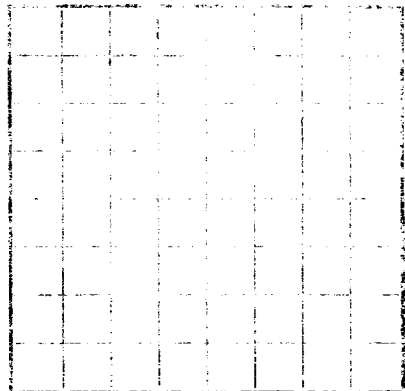
P & A <u>4-26</u> , 19 <u>57</u> The production for the first 24 hours was _____ emulsion; _____% water; and _____% sediment. If gas well, cu. ft. per 24 hours <u>P & A</u> Rock pressure. lbs. per sq. in. _____	Put to producing _____, 19____ barrels of fluid of which _____% was oil; _____% Gravity, °Bé. _____ Gallons gasoline per 1,000 cu. ft. of gas _____
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EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1048	1048	Tan to gry cr-grn ss interbedded w/gry sh.
1048	1275	227	Ojo Alamo ss. White cr-grn s.
1275	1696	421	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1696	2101	405	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2101	2518	417	Mesa Verde form. Gry, fine-grn, dense sil ss. carb sh & coal.
2518	4042	1524	Chacra form. Gry fn grn silty, glauconitic sd stone with drk gry shale.
4042	4234	192	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4234	5087	853	Mancos formation. Gry carb sh.
5087	5669	582	Gallup form. Lt gry to brn calc carb micac glauco very fine grn ss w/irreg. interbed sh.
5669	5715	46	Sanastee form. Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.



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Location or Name _____
County _____
State _____
Field _____

1. Set cement plug from 5715 to 5650 with 25 sacks cement.
2. Set cement plug from 5160 to 5050 with 40 sacks cement.
3. Set cement plug from 4100 to 4000 with 40 sacks cement.
4. Set cement plug from 3800 to 3700 with 40 sacks cement.
5. Set cement plug from 1415 to 1350 with 60 sacks cement.
6. Set cement plug from 1290 to 990 with 120 sacks cement.
7. Set cement plug from 150 to 100 with 60 sacks cement.
8. Set cement plug from 150 to 100 with 60 sacks cement.
9. Set cement plug from 150 to 100 with 60 sacks cement.
10. Set cement plug from 150 to 100 with 60 sacks cement.

This well was plugged and abandoned in the following manner:

OIL OR GAS SANDS OR ZONES
#1. From 5201 to 5301. op. 2.30" Rec. 30' p. mid.

#2. From 5209 to 5265. Rec. 54-1/2' core
#3. From 5266 to 5301. No Recovery
#4. From 5302 to 5352. Rec. 45' core

CASING RECORD
Casing No. _____
Casing Size _____
Casing Depth _____

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 "sidetracked" 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

FROM-		TO-		TOTAL FEET		FORMATION	
5201		5301		100		Oil	
5209		5265		56		Oil	
5266		5301		35		Oil	
5302		5352		50		Oil	
5715		5650		65		Oil	
5160		5050		110		Oil	
4100		4000		100		Oil	
3800		3700		100		Oil	
1415		1350		65		Oil	
1290		990		300		Oil	
150		100		50		Oil	
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