

U. S. LAND OFFICE Window Rock
SERIAL NUMBER 14-20-600-3540
LEASE OR PERMIT TO PROSPECT ☒ ☐

Section 35

#12 •

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shelly Oil Company Address Box 730 - Hobbs, New Mexico
 Lessor or Tract Navajo "P" Field Many Rocks Gallup State New Mexico
 Well No. 12 Sec. 35 T. 32N R. 17W Meridian N.M.P.M. County San Juan
 Location 1830 ft. N. of 8 Line and 810 ft. E. of 8 Line of Section 35 Elevation 5406 KB
(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 (ORIGINAL SIGNED) H. E. Aub

Date October 24, 1963 Title Dist. Supt.

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

Commenced drilling September 11, 19 63 Finished drilling September 14, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1331' to 1335' 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. 2, from _____ to _____

No. 3, 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
7-5/8"	30'	8	By Hand	11.5	1000
4-1/2"	1374'	100	Pump & Plug	11.5	1000

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
Treated through 4-1/2" OD casing perfor. 1929-1935' with 250 gallons 15% HCl Acid, 48,380 gallons lease oil and 50,000# 20/40 sand.						

TOOLS USED

Rotary tools were used from 0 feet to 1375 feet, and from _____ feet to _____ feet

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

DATES

-----, 19----- Put to producing ~~October 17~~-----, 19~~62~~

The production for the first 24 hours was 6 barrels of fluid of which 99.9% was oil; .1% emulsion; % water; and % sediment. Gravity, °Bé. 11.50

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

-----**Johnston**-----, Driller

-----**Odum**-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	984	984	Sand & Shale - Top Mancos - Surface
984	1186	202	Sand & Shale - Top Middle Gallup - 984'
1186	1331	145	Sand & Shale - Top Lower Gallup - 1186'
1331	1339	8	Sand & Shale - Top Tescito - 1331'
1339	1375	36	Sand & Shale - Top Sanastee - 1339'
	1375		Total Depth
	1359		Plugged Back Total Depth
			Geological Tops by Lane Wells Induction Log.

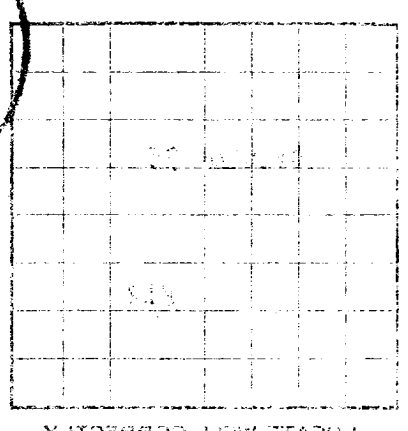
CORE NO. 1 - 1220-1240' - Recovered 20'

Top	- 7'	- Shale with thin streaks of lime
Next	- 2'	- Dark gray lime, finely crystalline & glauconitic possible stain dead oil
Next	- 2'	- Gray shale
Next	- 6'	- Crystalline lime, shaley, sandy
Next	- 2'	- Calcareous shale
Last	- 1'	- Lime

CORE. NO. 2 - 1326-1346' - Recovered 20'

Depth	Interval	Description
Top	0'	- Black shale with thin sand streaks, no shows
Next	1'	- Gray sandstone with shale streaks, fair stain & odor, horizontal fractures
Next	3'	- Gray sandstone with good stain & odor, horizontal fractures
Next	2'	- Tight shaly sandstone with horizontal fractures, fair stain & odor
Next	9'	- Shale with lime streaks

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES



LOG OF OIL OR GAS WELL

Company _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
to far as can be determined from all available records
Shaded

This summary on this page is for the condition of the well at above date
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES	
No. 1 from _____ to _____	(Determine gas by %)
No. 2 from _____ to _____	
No. 3 from _____ to _____	
IMPORTANT WATER SANDS	
No. 1 from _____ to _____	
No. 2 from _____ to _____	

CASING RECORD				
Weight per foot	Weight per inch	Length of piece	Cut and pulled from	Purposes
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 pulling.				

HISTORY OF OIL OR GAS WELL				
RUNNING AND CEMENTING RECORD				
Weight per foot	Weight per inch	Length of piece	Cut and pulled from	Purposes
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PLUGS AND ADAPTERS				
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SHOOTING RECORD				
Shot	Depth shot	Depth of hole	Quantity	Depth of hole
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EMPLOYEES				
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FORMATION RECORD				
FROM	TO	TOTAL FEET	FORMATION	FORMATION
0	100	100	Gravelly sand	Gravelly sand
100	200	200	Gravelly sand	Gravelly sand
200	300	300	Gravelly sand	Gravelly sand
300	400	400	Gravelly sand	Gravelly sand
400	500	500	Gravelly sand	Gravelly sand
500	600	600	Gravelly sand	Gravelly sand
600	700	700	Gravelly sand	Gravelly sand
700	800	800	Gravelly sand	Gravelly sand
800	900	900	Gravelly sand	Gravelly sand
900	1000	1000	Gravelly sand	Gravelly sand