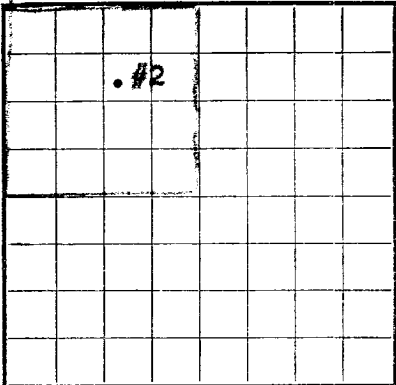




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079958
LEASE OR PERMIT TO PROSPECT _____
Lockhart "A"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company SKELLY OIL COMPANY Address P.O. Box 426, Farmington, New Mexico
Lessor or Tract Lockhart "A" Field Disti - Gallup State New Mexico
Well No. 2 Sec. 31 T. 25N R. 10W Meridian NMPN County San Juan
Location 990 ft. S. of N. Line and 1650 ft. E. of W. Line of Section 31 Elevation 6712'
(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 _____
Date April 1, 1958 Title District Superintendent

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

Commenced drilling November 4, 1957 Finished drilling November 25, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5114 to 5129 No. 4, from _____ to _____
No. 2, from 5150 to 5160 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	36#	8r	J-55	245	Cement guide				
5-1/2"	14#	8r	J-55	5259	Cement guide & float collar				
							5114	5129	Production
							5150	5160	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	239	275	Halliburton		
5-1/2"	5227	250	Halliburton		
Temperature Survey indicated top of cement behind 5 1/2" casing at 4440'					

PLUGS AND ADAPTERS

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

Sand-Fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Pumped down 5 1/2" casing thru perfs. 5114-5129' & 5150-5160', w/40,000 # sand & 39,320 gals. crude oil. BDP 2800#, Max. TP 2950#, Min. TP 2750#.						

TOOLS USED

Rotary tools were used from 0 feet to 5227 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Shut in for connection _____
Put to producing December 16, 1957

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

If gas well, cu. ft. per 24 hours 3,000,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____ TP 1225#, CP 1300#.

EMPLOYEES

Schafer Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1500	1500	Sand & Shale - Top Pictured Cliffs 1500'
1500	1595	95	Sand & Shale - Top Lewis 1595'
1595	3912	2317	Sand & Shale - Top Point Lookout 3912'
3912	4115	203	Sand & Shale - Top Mancom 4115'
4115	5006	891	Sand & Shale - Top Gallup "H" 5006'
5006	5114	108	Sand & Shale - Top Gallup "J" 5114'
5114	5227	113	Sand & Shale Tops by Schlumberger Electric Log.
TOTAL DEPTH		5227'	
PLUGGED BACK TOTAL DEPTH		5184'	

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 falling.

HISTORY OF OIL OR GAS WELL

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