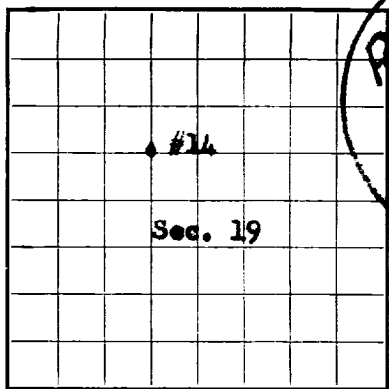


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 013492
LEASE OR PERMIT TO PROSPECT A. L. Duff

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 426 Farmington, New Mexico
Lessor or Tract A. L. Duff Field Bisti - Ext. State New Mexico
Well No. 14 Sec. 19 T. 26N R. 13W Meridian N.M.P.M. County San Juan
Location 1980 ft. S. of N. Line and 2503 ft. E. of W. Line of Section 19-26N-13W Elevation 6523'
(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 A. L. Duff

Date September 9, 1958 Title District Superintendent

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

Commenced drilling August 2, 1958 Finished drilling August 15, 1958

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

No. 1, from 5318 to 5324 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

OD	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
10-	3 1/4"	32.75#	8rd	H-40	214	Cement guide				
	5 1/2"	14#	8rd	J-55	5431	Cement guide & float collar				
								5318	5324	Production

MUDDING AND CEMENTING RECORD

OD	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-	3 1/4"	225	250	Halliburton		
	5 1/2"	5402	200	Halliburton		
Temperature survey indicated top of cement behind 5 1/2" casing at 4635'.						

PLUGS AND ADAPTERS

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

Well was sand-fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Treated with 20,000# sand and 20,000 gals. lease oil. BDP 2200#. Max. TP 2200#.						
Min. TP 1200#. Inj. rate 36 BPM.						

TOOLS USED

Rotary tools were used from 0 feet to 5402 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 9, 1958 Put to producing September 8, 1958

The production for the first 24 hours was 138 barrels of fluid of which 99.8 % was oil; .2 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1658	1658	Sand and Shale - Top Pictured Cliffs 1658'
1658	1787	129	Sand and Shale - Top Lewis 1787'
1787	3150	1363	Sand and Shale - Top Cliff House 3150'
3150	3214	64	Sand and Shale - Top Menefee 3 1/4'
3214	4080	866	Sand and Shale - Top Point Lookout 4080'
4080	4281	201	Sand and Shale - Top Mancos 4281'
4281	5209	928	Sand and Shale - Top Upper Gallup 5209'
5209	5314	105	Sand and Shale - Top Lower Gallup 5314'
5314	5402	88	Sand and Shale
Tops by Schlumberger Electric Log.			
TOTAL DEPTH		5402'	
PLUGGED BACK TOTAL DEPTH		5369'	

[OVER]

