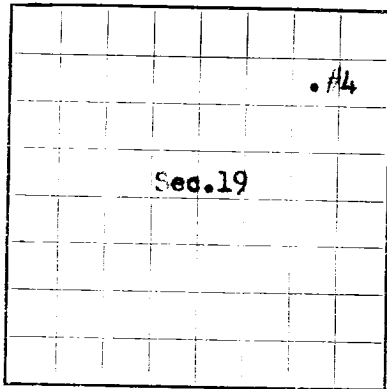




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079601
LEASE OR PERMIT TO PROSPECT Lydia RentzUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SKELLY OIL COMPANY Address Box 426, Farmington, New Mexico
Lessor or Tract Lydia Rentz Field Undesignated State New Mexico
Well No. 4 Sec. 19 T. 25N R. 3E Meridian N.M.P.M. County Rio Arriba
Location 990 ft. S. of N. Line and 990 ft. W. of E. Line of Section 19 Elevation 7291'
(Denotes true 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 S. B. CooperDate June 19, 1958 Title District Superintendent

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

Commenced drilling May 2, 1958 Finished drilling June 5, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 8096' to 8130' 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

	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
	13-3/8"	48#	8r	H-40	305	Cement guide				
Top	5 1/2"	17#	8r	N-80	403					
Middle	5 1/2"	17#	8r	J-55	7548					
Bottom	5 1/2"	17#	8r	N-80	366	Cement guide & float collar	8096	8130		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	316	350	Halliburton		
5-1/2"	8264	375	Halliburton		
		375 cu. ft.			

Temperature survey indicated top of cement behind 5 1/2" casing at 5030'.
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
Fraced thru perforations 8096-8130' w/26,000# 40-60 sand & 28,560 gals. crude oil.						
IDP 4900#, Max. IP 3400#, Min. IP 2500#, Inf. rate 29 BPM.						

TOOLS USED

Rotary tools were used from _____ 0 feet to 8298 feet, and from _____ feet to _____ feet

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

DATES

_____ June 19, 1958 Put to producing _____ June 15, 1958The production for the first 24 hours was 116 barrels of fluid of which 99.8 % was oil; .2 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 42.8

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hondo Drilling Company _____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3713	3713	Sand & Shale
3713	5412	1699	Sand & Shale - Top Pictured Cliffs 3713'
5412	5470	58	Sand & Shale - Top Cliff House 5412'
5470	5860	390	Sand & Shale - Top Menefee 5470'
5860	6023	163	Sand & Shale - Top Point Lookout 5860'
6023	7068	1045	Sand & Shale - Top Mancos 6023'
7068	7263	195	Sand & Shale - Top Gallup "H" 7068'
7263	7856	593	Sand & Shale - Top Gallup "J" 7263'
7856	7942	86	Sand & Shale - Top Greenhorn 7856'
7942	8265	323	Sand & Shale - Top Dakota 7942'
8265	8298	33	Sand & Shale - Top Morrison 8265'
TOTAL DEPTH		8298'	Tops by Schlumberger Electric-Induction Log.
PLUGGED BACK TOTAL DEPTH		8234'	

[illegible]