

U. S. LAND OFFICE Santa FeSERIAL NUMBER SF 078392

LEASE OR PERMIT TO PROSPECT

O. H. Randel

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Skelly Oil Company Address Box 446, Farmington, New MexicoLessor or Tract O. H. Randel Field Undesignated State New MexicoWell No. 1 on Sec. 14, T. 24 N., R. 11 E., Meridian 1, Co. Santa FeLocation 1850 ft. N. of N. Line and 1850 ft. E. of W. Line of Sec. 14 Elevation 6446'
(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) P. E. CosperDate August 25, 1959 Title District Superintendent

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

Commenced drilling March 8, 1959 Finished drilling March 30, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6400 to 6416 - Dakota No. 4, from 5500 to 5516 - GallupNo. 2, from 5500 to 5561 - Gallup No. 5, from 5500 to 5516 - GallupNo. 3, from 5500 to 5516 - Gallup No. 6, from 5500 to 5516 - Gallup

IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to NoneNo. 2, from None to None No. 4, from None to None

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	22.5	8	J-55	350	Open	6400	6416		Prod
7"	20	8	J-55	350	Open	5500	5561		Prod

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	329'	350 sbs. circulated	Halliburton		
7"	6593'	225 - two stage	Halliburton		
temperature survey found top of cement behind 7" casing at 5341'.					

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
See Reverse						

TOOLS USED

Rotary tools were used from 0 feet to 6600 feet, and from _____ feet to _____ feet

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

DATES

Put to producing Dakota: Shut in for connectionThe production for the first 24 hours was _____ barrels of fluid of which Gallup - July 31, 59 % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. (Dakota)If gas well, cu. ft. per 24 hours 1144 FOP Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

Warren-Bradshaw Drilling Co., Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3570		Top Cliff House 3570'
3570	4285		Sand and Shale
4285	4527		Top Point Lookout 4285'
4527	5376		Sand and Shale
5376	5464		Top Mancoos 4527'
5464	5616		Sand and Shale
5616	5870		Top Gallup 5376'
5870	6222		Sand and Shale
6222	6314		Top Middle Gallup 5464'
6314	6552		Sand and Shale
6552	6600' TD		Top Lower Gallup 5616'
	6549' PBD		Sand and Shale
			Top Sanastee 5870'
			Sand and Shale
			Top Greenhorn 6222'
			Sand and Shale
			Top Dakota 6314'
			Sand and Shale
			Top Morrison 6552'
			Sand and Shale
			Tops by Schlumberger Electric log.

