

U. S. LAND OFFICE Jicarilla TribalSERIAL NUMBER Jicarilla "C"

LEASE OR PERMIT TO PROSPECT _____

Contract #34

Tract #79

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 Jicarilla "C" Field Undesignated State New Mexico
Well No. 16 Sec. 34 T. 29N R. 9W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. N. of N. Line and 990 ft. E. of W. Line of Sec. 34 Elevation 6724 D.F.

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 (Signed) P. B. CooperDate September 10, 1957 Title District Superintendent

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

Commenced drilling May 30, 1957 Finished drilling July 20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6096 to 6105 No. 4, from _____ to _____
No. 2, from 6130 to 6142 No. 5, from _____ to _____
No. 3, from 6152 to 6176 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—	
<u>10-3/4" OD</u>	<u>32.75</u>	<u>8</u>	<u>H-40</u>	<u>341'</u>	<u>Halliburton guide</u>	<u>6096'</u>	<u>6105'</u>		<u>Production</u>
<u>5-1/2" OD</u>	<u>17</u>	<u>8</u>	<u>H-40</u>	<u>275'</u>	<u>Halliburton float</u>	<u>6105'</u>	<u>6130'</u>		<u>Production</u>
					<u>Halliburton float</u>	<u>6130'</u>	<u>6152'</u>		<u>Production</u>
						<u>6152'</u>	<u>6176'</u>		<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4" OD</u>	<u>355'</u>	<u>300</u>	<u>Halliburton</u>		
<u>5-1/2" OD</u>	<u>7237'</u>	<u>900</u>	<u>Halliburton</u>		

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
<u>Sand & Oil Fraced</u>						
<u>Sand-fraced with 25,000# sand & 25,000 gals. crude oil. BDF 2200'</u>						
<u>Max. TP 3100' - Min. TP 2,000' - Inj. rate 37.5 BPM.</u>						

TOOLS USED

Rotary tools were used from 0 feet to 7316 feet, and from _____ feet to _____ feet

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

DATES

_____ September 10, 1957 Put to producing _____ August 15, 1957

The production for the first 24 hours was 80 barrels of fluid of which 99.8 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____ C.P. 6400

EMPLOYEES

Nichols Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>2752'</u>	<u>2752'</u>	<u>Sand & Shale.</u>
<u>2752'</u>	<u>2786'</u>	<u>34'</u>	<u>Pictured Cliffs</u>
<u>2786'</u>	<u>3590'</u>	<u>804'</u>	<u>Lewis</u>
<u>3590'</u>	<u>4910'</u>	<u>1320'</u>	<u>Lewis Sand</u>
<u>4910'</u>	<u>5109'</u>	<u>199'</u>	<u>Point Lookout</u>
<u>5109'</u>	<u>6088'</u>	<u>979'</u>	<u>Mancos</u>
<u>6088'</u>	<u>6254'</u>	<u>166'</u>	<u>Gallup "H"</u>
<u>6254'</u>	<u>6558'</u>	<u>304'</u>	<u>Gallup "J"</u>
<u>6558'</u>	<u>6878'</u>	<u>320'</u>	<u>Sanastee</u>
<u>6878'</u>	<u>6934'</u>	<u>56'</u>	<u>Greenhorn</u>
<u>6934'</u>	<u>6974'</u>	<u>40'</u>	<u>Graneros</u>
<u>6974'</u>	<u>7306'</u>	<u>332'</u>	<u>Dakota</u>
<u>7306'</u>	<u>7316'</u>	<u>10'</u>	<u>(OVER) Morrison</u>

TOTAL DEPTH

FORMATION RECORD—CONTINUED

2 CC TO O.C.C.

PLUGGED BACK TOTAL DEPTH

6382'

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 bailing.