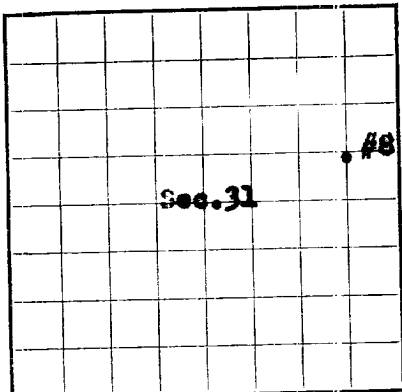


2 CC SENT O.C.C. 5/15/58

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla "B"
LEASE OR PERMIT TO PROSPECT _____

Contract #68
Tract #127

UNITED 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 Jicarilla "B" Field Otero-Gallup State New Mexico
Well No. 8 Sec. 31 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 1980 ft. S. of N. Line and 660 ft. W. of E. Line of Sec. 31 Elevation 6730 D.F.
(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 _____ Title District Superintendent

Date May 15, 1958

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

Commenced drilling April 10, 19 58 Finished drilling April 25, 19 58

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

No. 1, from 5983 to 6103 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 LTM	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
OD									
10-3/4"	32.75#	8r	H-40	326	Guide				
Top 5-1/2"	17#	8r	J-55	190					
Middle 5-1/2"	15.5#	8r	J-55	5632					
Bottom 5-1/2"	17#	8r	J-55	388	Guide & float collar	# 5983	6103		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
OD					
10-3/4"	338' KB	350	Halliburton		
* 5-1/2"	6224' KB	750	Halliburton		

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
Sand-oil fraced thru casing perfs. 5983'-6103' w/30,000# 20-40 sand & 34,660 gals. oil. Perfs. sande off after pumping 29,000# sand into formation. Back washed sand out of hole. BDF 2750#, Max. TP 3800#, Min. TP 2700#, Inj. rate 22.6 BPM. TOOLS USED						

Rotary tools were used from 0 feet to 6225 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 15, 19 58 Put to producing May 5, 19 58
The production for the first 24 hours was 309 barrels of fluid of which 99.8 % was oil; .2 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 42.9
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Nichols Drilling Co., Inc., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2634	2634	Sand & Shale - Top Pictured Cliffs 2634'
2634	2708	74	Sand & Shale - Top Lewis 2708'
2708	3474	766	Sand & Shale - Top Chacra 3474'
3474	4197	723	Sand & Shale - Top Cliff House 4197'
4197	4263	66	Sand & Shale - Top Menefee 4263'
4263	4866	603	Sand & Shale - Top Point Lookout 4866'
4866	5028	162	Sand & Shale - Top Mancos 5028'
5028	5945	917	Sand & Shale - Top Gallup 5945'
5945	6036	91	Sand & Shale - Top Gallup "H" 6036'
6036	6225	189	Sand & Shale - Tops by Schlumberger Electric log.
TOTAL DEPTH		6225'	
PLUGGED BACK TOTAL DEPTH		6207'	

* Set 5-1/2" casing at 6224' with Halliburton "DV" tool set at 3746'. Cemented around shoe with 250 sks. reg. cement, 2% CaCl. Ran temperature survey to 6203', found top of cement behind 5-1/2" OD casing at 5499'. Cemented thru "DV" tool at 3746' with 500 sks. reg. cement, 2% CaCl. Ran temperature survey & found top of cement behind 5-1/2" OD casing at 1900'.

* Perforated 5-1/2" casing with 4 jet shots per ft. as follows: 5983-88', 5993-98', 6002-22', 6036-51', 6064-84' & 6096-6103'.

U. S. GOVERNMENT PRINTING OFFICE 16-5094-2

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FORMATION RECORD—Continued