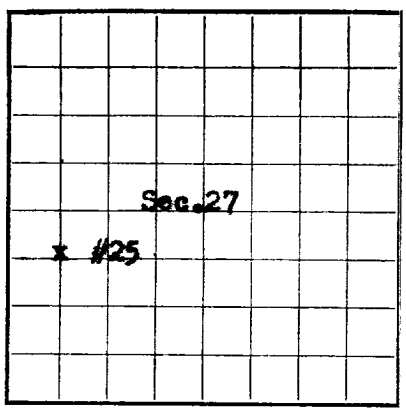
2 CC SENT O.C.C. 5/12/59

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Contract #34
LEASE OR PERMIT TO PROSPECT Jicarilla "C"



LOCATE WELL CORRECTLY

RECEIVED
MAY 13 1959
OIL CON. COM.
DIST.

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 "C" Field Otero (Gallup) State New Mexico

Well No. 25 Sec. 27 T. 25N R. 5W Meridian N.M.P.M. County Rio Arriba

Location 1980 ft. {N.} of S. Line and 660 ft. {E.} of W. Line of Section 27 Elevation 6674 (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 (Signed) P. E. Cooper

Date May 12, 1959 Title District Superintendent

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

Commenced drilling April 6, 19 59 Finished drilling April 22, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6078' to 6084' No. 4, from 6177' to 6184'

No. 2, from 6110' to 6126' No. 5, from to

No. 3, from 6140' to 6158' 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 From—	Perforated To—	Purpose
OD									
10-3/4"	32.75#	8R	54 N-80	295	Guide				
5-1/2"	14#	8R	55 J-55	6305	Cement guide				
5-1/2"	15.5#	8R	55 J-55	1408	Float collar.		6078	6184	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"	309	300	B.J. Service, Inc.		
5-1/2"	6304	(2-stage) 750	Halliburton		

Temperature survey on 1st stage indicated top of cement behind 5½" OD casing at 5140'.
Temperature survey on 2nd stage indicated top of cement behind 5½" OD casing at 2656'.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Well was Sand/Oil Fraced

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Fraced Gallup formation, down 5½" OD casing & 2" tubing, thru 5½" OD casing perfs. with 25,000# 20/40 sand & 31,500 gals. lse. oil by Dowell, Inc., using 35 rubber frac balls. BDP 1700#, Max. TP 3200#, Min. TP 1700#, Inj. rate 22 BPM. Shut-down pressure 1700#, 20 min. standing pressure 900#.

TOOLS USED

Rotary tools were used from 0 feet to 6305 feet, and from feet to feet

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

DATES

May 12, 19 59 Put to producing May 8, 19 59

The production for the first 24 hours was 78 barrels of fluid of which 99.8% was oil; .2 % emulsion; 0 % water; and % sediment. GOR 2296:1 Gravity, °Bé. 41.6

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 Company, Inc., Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2724	2724	Sand & Shale.
2724	2798	74	Sand & Shale - Top Pictured Cliffs 2724'
2798	4368	1570	Sand & Shale - Top Lewis 2798'
4368	4436	68	Sand & Shale - Top Cliff House 4368'
4436	4911	475	Sand & Shale - Top Menefee 4436'
4911	5127	216	Sand & Shale - Top Point Lookout 4911'
5127	6052	925	Sand & Shale - Top Mancos 5127'
6052	6305	253	Sand & Shale - Top Gallup 6052'
			Tops by Schlumberger Induction-Electrical Log.
TOTAL DEPTH		6305'	
PLUGGED BACK TOTAL DEPTH		6278'	

FOLD | MARK

(OVER)

16—43064-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
UNITED STATES
GEOLOGICAL SURVEY