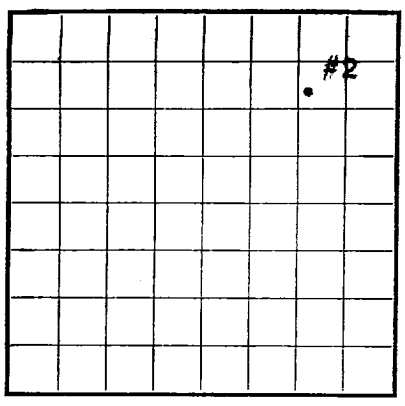
✓2 CC SENT O.C.C. 1/30/58

Form 9-330

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

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Jicarilla "D"
LEASE OR PERMIT TO PROSPECT
Contract #44
Tract #91



LOCATE WELL CORRECTLY

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 "D" Field Undesignated (Gallup) State New Mexico

Well No. 2 Sec. 5 T. 23N R. 4W Meridian N.M.P.M. County Rio Arriba

Location 990 ft. [S.] of N. Line and 990 ft. [W.] of E. Line of Section 5 Elevation 7082' 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 [redacted]

Date January 29, 1958 Title District Superintendent

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

Commenced drilling December 16, 19 57 Finished drilling January 10, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5962' to 5972' No. 4, from 6069' to 6075'

No. 2, from 5997' to 6013' No. 5, from 6083' to 6095'

No. 3, from 6043' to 6059' No. 6, from 6139' to 6149'

IMPORTANT WATER SANDS

No. 1, from None to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing OD	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32.75#	8R	H-40	291	Halliburton cement guide				
5-1/2"	15.5#	8R	J-55	6197	Halliburton Comb. guide & float		5962'	6149'	Production

MUDDING AND CEMENTING RECORD

Size casing OD	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	306	350	Halliburton		
5-1/2"	6207	750	Halliburton		

FOLD

MARK

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Sand-Oil Frac.

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-oil fractured w/25,000 # sand & 25,000 gals. crude oil. Pumped in 19,400# sand & 20,000 gals. oil & sanded off. Reversed out 5,600# sand BDP 800#, Max. TP 3800#, Min. TP 3400#, Inj. rate 30 BPM.						

TOOLS USED

Rotary tools were used from 0 feet to 6208 feet, and from feet to feet

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

DATES

January 29, 19 58 Put to producing January 27, 19 58

The production for the first 24 hours was 36 barrels of fluid of which 99.8% was oil; .2% emulsion; % water; and % sediment. Gravity, °Bé. 41.5°

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Rutledge Drilling Company, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2775	2775	Sand & Shale
2775	2867	92	Pictured Cliffs
2867	3612	745	Lewis
3612	4291	679	Chacra
4291	4368	77	Cliff House
4368	4893	525	Menefee
4893	5100	207	Point Lookout
5100	5960	860	Mancos
5960	6134	174	Gallup "H"
6134	6208	74	Gallup "J"
TOTAL DEPTH		6208'.	
PLUGGED BACK TOTAL DEPTH		6180'.	

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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.