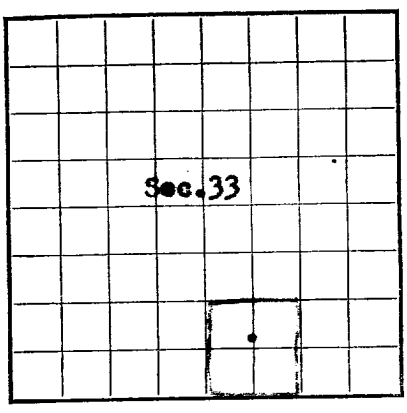
Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 079958
LEASE OR PERMIT TO PROSPECT L. E. Lockhart

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company SKELLY OIL COMPANY Address Box 426, Farmington, New Mexico

Lessor or Tract L. E. Lockhart Field Undesignated (Gallup) State New Mexico

Well No. 1 Sec. 33 T. 25N R. 10W Meridian N.M.P.M. County San Juan

Location 660 ft. {N.} of S Line and 1980 ft. {W.} of E Line of Section 33 Elevation 6831'
(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 August 22, 1957 Title District Superintendent

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

Commenced drilling June 18, 1957 Finished drilling July 6, 1957

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5320' to 5366' 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	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	32.75#	8rd	H-40	248'	Halliburton guide				
5-1/2"	14#	8rd	J-55	5485'	Halliburton guide		5320'	5340'	Production
					Halliburton guide		5359'	5369'	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	261'	200	Halliburton		
5-1/2"	5496'	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

Sand-Frac

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Fraced through perforations w/40,000# & 41,160 gals. crude oil. Flushed w/5460 gals. crude oil BDP 1950# Max. TP 2250# Min. TP 1750#. Inj. rate 58.5 BPM.						

TOOLS USED

Rotary tools were used from 0 feet to 5500 feet, and from ____ feet to ____ feet

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

DATES

July 23, 1957 Put to producing Installing pumping unit 19____

The production for the first 24 hours was 624 barrels of fluid of which 100% was oil; ____% emulsion; ____% water; and ____% sediment.

Gravity, ~~Be.~~ 40.8° API

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Foree Drilling Company, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	1670'	1670'	Sand & Shale
1670'	3158'	1488'	Pictured Cliffs
3158'	3200'	42'	Cliff House
3200'	4130'	930'	Menefee
4130'	4327'	197'	Point Lookout
4327'	5240'	913'	Mancos
5240'	5326'	86'	Hospah
5326'	5500'	174'	Gallup
TOTAL DEPTH		5500'	
PLUGGED BACK TOTAL DEPTH		5441'	

[OVER]

16—43094-4

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.