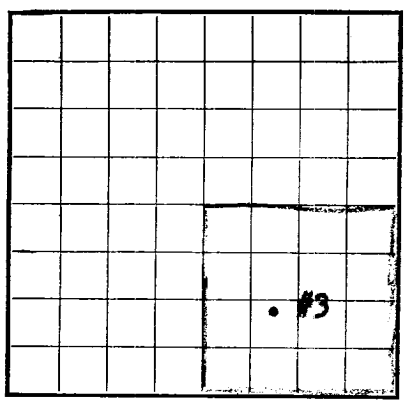
Form 9-330

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

U. S. Land Office Santa Fe
Serial Number SF 079601
Lease or Permit to Prospect Lydia Rentz



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 Lydia Rentz Field South Blanco-P.C. State New Mexico
Well No. 3 Sec. 19 T. 25N R. 3W Meridian NMPM County Rio Arriba
Location 990 ft. {N. / XX / S.} of S. Line and 1850 ft. {XX / E. / W.} of E. Line of Section 19 Elevation 7270'
(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 F. E. Cooper
Date ____ Title District Superintendent

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

Commenced drilling December 14, 19 57 Finished drilling December 23, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 0-3662 to 3684 No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, from ____ to ____ No. 6, from ____ to ____

RECEIVED APR 4 1958 OIL CON. COM. DIST. 3

IMPORTANT WATER SANDS

No. 1, from None to ____ No. 3, from ____ to ____
No. 2, from ____ to ____ No. 4, from ____ to ____

CASING RECORD

OD 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#	8r	H-40	201	Cement guide				
5-1/2"	14#	8r	H-40	1060	Cement guide				
					U Float collar		3662	3684	Production
5-1/2"	14#	8r	J-55	2739					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	208	200	Halliburton		
5-1/2"	3761	150	Halliburton		

Temperature survey indicated top of cement behind 5½" casing at 3150'

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____
Adapters—Material ____ Size ____

Well was Sand-Fraced

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Fraced Pictured Cliffs formation thru 5½" casing perforation 3662-84' down 5½" casing with 40,000# sand & 40,000 gals. water. BDP 1900#. Max. TP 1900#, Min. TP 1800#. Inj. rate 52.6 BPM.						

TOOLS USED

Rotary tools were used from 0 feet to 3762' feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Shut in for connection.

January 8, 19 58 Put to producing ____, 19 ____

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

If gas well, cu. ft. per 24 hours 250,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. TP 740#, CP 740#.

EMPLOYEES

Banner Drilling Company, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3378	3378	Sand & Shale - Top Kirtland 3378'
3378	3554	176	Sand & Shale - Top Fruitland 3554'
3554	3661	107	Sand & Shale - Top Pictured Cliffs 3661'
3661	3685	24	Sand & Shale - Top Lewis 3685'
3685	3762	77	Sand & Shale
			Tops by Schlumberger Electric Log.

TOTAL DEPTH 3762'

PLUGGED BACK TOTAL DEPTH 3731'

[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.