Form 9-330

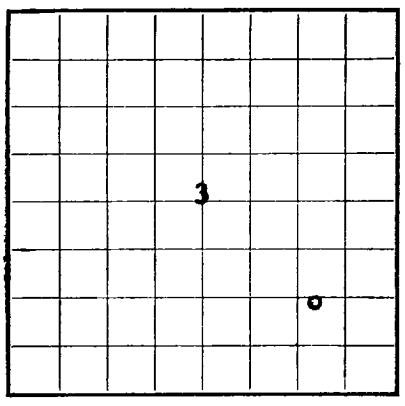
Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

Indian Agency
~~U. S. LAND OFFICE~~ Jicarilla-Apache

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT ~~XXXXXX~~ Tract #13
Contract No. Jicarilla
Total #71

23N



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company United States Smelting Refining & Mining Co. Address P. O. Box 1877, Midland, Texas

Lessor or Tract Jicarilla Field Wildcat State New Mexico

Well No. 1-3 Sec. 3 T. 23N R. 4W Meridian - County Rio Arriba

Location 1070 ft. {N. / ~~S.~~} of South Line and 1100 ft. {~~E.~~ / W.} of East Line of Section 3 Elevation 7249' Gr. (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 [signature]

Date December 2, 1955 Title Assistant to Manager

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

Commenced drilling October 17, 19 55 Finished drilling November 2, 19 55

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

GAS
No. 1, from 3010 to 3078 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
9-5/8	32.30	8 rd	J-55	160.08	Larkin	None	-	-	Surface
7	23	8 rd	N-80	131.15		None	-	-	Production
7	20	8 rd	J-55	2852	Larkin	None	-	-	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	100 sx	Pump & Plug		-
7	3014	150 sx	Pump & Plug		

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
	NONE					

TOOLS USED

Rotary tools were used from 0 feet to 3078 feet, and from - feet to - feet

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

DATES

November 26, 19 55 Put to producing Shut-In Gas Well, 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 Corrected 675,000 Gallons gasoline per 1,000 cu. ft. of gas dry

Rock pressure, lbs. per sq. in. 760 (approx.)

EMPLOYEES

W. K. Wilson, Driller J. D. Loder, Driller

L. W. Hale, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2840	2906	66	Kirtland
2906	3010	104	Fruitland
3010	3078 TD	68	Pictured Cliffs

FOLD MARK

[OVER]

16—43094-3

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.