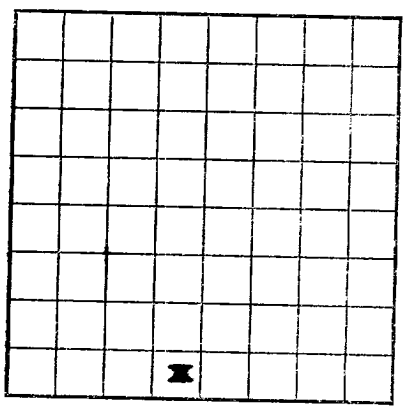
Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. Land Office Santa Fe
Serial Number LC-063645
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Thomas J. Sivley Address Box 1208, Artesia, New Mexico

Lessor or Tract Thomas J. Sivley Field E.K. Queen State New Mexico

Well No. 3 Sec. 19 T. 18S R. 34E Meridian NMPM County Lea

Location 343 ft. {N.} of S Line and 2970 ft. {E.} of E Line of 19 Elevation 3966 DF
(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 1/14/56 Title Owner, Operator

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

Commenced drilling 11/7, 19 56 Finished drilling 11/22, 19 56

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4438 to 4488 No. 4, from ____ to ____

No. 2, from 4713 to 4725 No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from ____ 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
8-5/8"	24#	8 Vthd	L.W.	294'	T.P.				Surface
5-1/2"	14#	8Rnd	Smls	4734'	Float				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	294'	175	Halliburton		Cement Circulated
5-1/2"	4734	525	"	40	

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

TOOLS USED

Rotary tools were used from 0 feet to 4735 feet, and from ____ feet to ____ feet

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

DATES

____, 19____ Put to producing 1/12, 19 57

The production for the first 24 hours was 115 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé. ____

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

E.R. Mitchell, Driller H.T. Dymke, Driller

Lloyd Wells, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Red Bed
200	310	110	Red Bed & sand
310	1720	1410	Red Bed & Red Rock
1720	2334	614	Anhy. & Red Beds
2334	3037	703	Salt & Anhy.
3037	3251	214	Anhy. & Red Beds
3251	3520	269	Anhy. & Shale
3520	3704	184	Lime, Shale & Anyh.
3704	4264	560	Lime & Shale
4264	4422	158	Lime
4422	4481	59	Dolo & Sand (Core #1 4450-4481 Queen)
4481	4705	224	Lime & Dolo.
4705	4735	30	Dolo & Sand.(Core #2 4705-4735 Penrose)

Electric Logs run from Ground Level Elevation of 3956' . Penrose Zone Perforated from 4708-4718 with Jet Shots, 6 Holes per ft.

Top of Queen - 4428' - G.L.
Top Penrose - 4708' - G.L.

FOLD | MARK

16—43594-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-1 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.