Form 9-330

COPY RETAINED ROSWELL 059400

GEOLOGICAL SURVEY
RECEIVED
AUG 9 1935
ROSWELL, NEW MEXICO

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 029321

LEASE OR PERMIT TO PROSPECT Permit

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Copy to Roswell 3-2-37

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Argo Royalty Company Address ~~New Mexico~~

Lessor or Tract .... Field .... State ....

Well No. 1 Sec. 6 T. 20 R. 32 Meridian N.M.P.M. County Lea 3513 L-S.

Location 750 ft. {N./S.} of N. Line and 990 ft. {E./W.} of E. Line of Sec. 6 Elevation .... (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 R. H. Stovall

Date 8/8/35 Title Contractor

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

Commenced drilling January 31, 1935 Finished drilling March 18, 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from .... to .... 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 .... 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
8-1/4"	32	8	Natl	1130'	Tex Pat	800'			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

MARK

FOLD

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to [illegible] feet, and from _____ feet to 2925 feet

DATES

_____, 19____ 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	40		Red Sand, 15½ inch hole
40	115		Red Sand
115	125		Red Beds
125	170		Red Sand
170	190		Red Sand, reduced hole to 12½" @ 190
190	235		Red Beds
235	245		Red Sand
245	290		Red Water Sand - 1½ B W P H 280-290
290	300		Sandy
300	335		Red Sandy
335	340		Red water sand - 6 B W P H
340	350		Red sandy - Bailed 16-20 B.PH while drilling about 350; water stood 205 ft. from surface (Sd.LM) on 2-10-35
350	395		Red Beds
395	480		Red Rock
480	505		Red Beds
505	545		Red Rock
545	550		Red Sand
550	570		Red Rock
570	600		Red Beds
600	705		Red Rock
705	730		Red Beds
730	750		Red Rock

FORMATION CONTINUED (OVER)

6—0745

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
750	775		Red sandy
775	865		Red beds, - reduced hole to 10" @ 829'
865	885		Anhydrite
885	945		Gray anhydrite
945	955		Gray shale
955	1005		Gray anhydrite
1005	1060		Salt
1060	1065		Anhydrite and salt
1065	1070		Gray shale
1070	1075		Red shale
1075	1090		Anhydrite
1090	1105		Gray lime
1105	1112		Gray anhydrite
1112	1117		Brown shale
1117	1128		Red beds
1128	1130		White anhydrite and white salt
1130	1145		Salt
1145	1175		Brown salt
1175	1190		Soft brown shale
1190	1200		Salt
1200	1245		Red salt
1245	1255		Red shale
1255	1350		Salt
1350	1385		White salt
1385	1670		Salt
1670	1730		White salt
1730	1755		Salt
1755	1870		Soft white salt
1870	1880		Anhydrite and salt, white and hard
1880	1900		Hard white salt
1900	1925		Soft white salt
1925	2040		Salt
2040	2095		Soft white salt
2095	2140		Salt
2140	2175		White Salt
2175	2240		Soft white salt
2240	2330		Salt
2330	2340		Anhydrite
2340	2360		Salt
2360	2400		White salt
2400	2455		Salt
2455	2465		Anhydrite
2465	2482		White Anhydrite
2482	2510		Anhydrite
2510	2534		Brown lime
2534	2629		Gray lime
2629	2639		Hard gray lime
2639	2653		Brown lime
2653	2664		Broken gray lime
2664	2679		Gray shale
2679	2685		Sharp sandy lime and gray shale
2685	2718		Hard gray lime and shale breaks
2718	2727		Brown lime with shale breaks
2727	2735		Hard brown sandy lime
2735	2752		Hard sandy lime
2752	2769		White lime
2769	2785		Hard white lime
2785	2800		Sandy lime
2800	2813		Broken lime and sandy shale
2813	2828		White lime
2828	2836		Gray lime and shale

From	To	Formation
		sandy lime
		Hard sandy lime
2752	2769	White lime
2769	2785	Hard white lime
2785	2800	Sandy lime
2800	2813	Broken lime and sandy shale
2813	2828	White lime
2828	2836	Gray lime and shale
2836	2840	Hard gray lime
2840	2854	Gray lime and hard green shale
2854	2874	Gray & white lime, some green shale cave
2874	2887	Lime

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.

From	To	Formation
2887	2900	Gray lime
2900	2920	Gray lime and sharp blue lime
2920	2925	Lime - 2000 ft. Su. W. 2 hr. 2920-25 T.D. (Sd. LM)