Copy

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028992
LEASE OR PERMIT TO PROSPECT V.L. Arnold et al, assigns.

30-015-04298
04298

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company C. J. Dexter Address Artesia

Lessor or Tract _____ Field Beeson Area State New Mexico

Well No. 1 Sec. 23 T. 17S R. 30E Meridian NMPM County Eddy

Location 990 ft. {N./S.} of S Line and 330 ft. {E./W.} of E Line of Sec. 23 Elevation 3678
(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 C. J. Dexter

Date May 26, 1930 Title Owner

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

Commenced drilling Dec. 14, 1929 Finished drilling March 15, 1930

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3150 to 3185 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 3678 Sulphur Water 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
15-1/2"	70	8		85'	Regular	Pulled 85'			
10"	40	8		520'	"	None			
8-1/4"	32	8		1256'9"	"	"			
6-5/8"	24	10		3250'	"	3250			Pulled for Shot

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	520'	25 sacks	Used Bailer		
8-1/4"	1258'9"	25 sacks	" "		

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
6"	5"	Solidified	160	4-12-30	3150-85	
	5"	Glycerin	20	"		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3678 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was 80 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

J. L. Briscoe, Driller _____, Driller

J. R. Evarts, Driller P. F. Johnson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Gyp
20	60	40	Sand Rock
60	285	225	Sand and Red beds
285	515	230	Gyp and Red beds
515	1250	735	Salt
1250	1435	185	Anhydrite
1435	1455	20	Anhydrite and red bed
1475	1505	50	Anhydrite and Red Shale
1505	1545	40	Red bed and anhydrite
1545	1640	95	Anhydrite and blue shale
1640	1730	90	Anhydrite and red shale
1730	1830	100	Shale and Anhydrite
1830	1930	100	Anhydrite and Brown Lime
1930	1945	15	Brown Lime, Gas show
1945	1955	10	Anhydrite and gray lime
1955	1975	20	Anhydrite and brown lime
1975	2130	155	Anhydrite and gray lime
2130	2345	215	Anhydrite and red shale
2345	2370	25	Anhydrite and Gray shale
2370	2390	20	Anhydrite
2390	2395	5	Anhydrite and red shale
2395	2423	28	Anhydrite and brown shale
2423	2450	27	Red Sand
2450	2625	195	Anhydrite
2645	2655	10	Anhydrite and red shale
2655	2665	10	Anhydrite and gray lime

(OVER)

16—43094-1

COPY: 10-25-51 gb (Formation Record condensed)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2665	2675	10	Sandy shale
2675	2745	70	Anhydrite and brown sand
2745	2790	55	Lime
2790	2800	10	Anhydrite
2800	2830	30	Gray lime and anhydrite w/ shale breaks
2830	3040	210	Gray and Brown lime
3040	3050	10	Gray and white lime - O & G Show
3050	3135	85	Gray and white lime
3135	3200	65	White lime - Oil 3150-3185
3200	3655	455	Gray and White lime
3655	3678	23	Gray lime - Sulphur Water

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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.

Upon reaching sulphur water at a depth of 3678', the hole was plugged back to 3305 feet. In plugging back, we used rock with four sacks of cement at bottom of hole and then filled up with heavy mudy placing rock and wood plug on top of the mud at 3290'. At 3290' we set two solid lead plugs and drove down on each of them, then set a shell of shel cuttings and drove on that, this plugging job proved successful.

We then pulled the 6-5-8 casing, and after cleaning sides of wall where an oil show at approximately 3165' had been mudded off, we shot the well with 180 qts. and this shot apparently increased the oil. After cleaning hole, we ran rods and tubing and pumped 80 bbls. first 24 hours. After pumping well off, we estimate well doing from 20 to 25 barrels daily.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR

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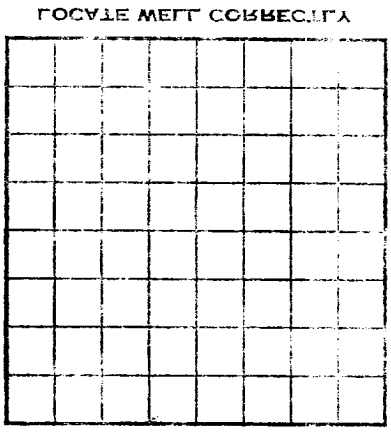

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