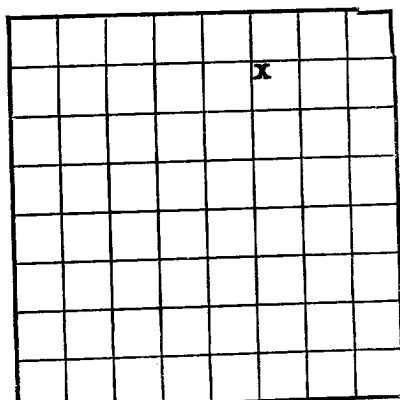


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 064118
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Amon G. Carter Address P. O. Box 1688, Kermit, Texas
Lessor or Tract E. C. Hill Field Teague-Ellenburger State New Mexico
Well No. 3 Sec. 34 T23-S. R37-E Meridian NMPM County Lea
Location 990 ft. {N.} of N. Line and 655 ft. {E.} of E. Line of Section 34 Elevation 3276
(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 Ray E. Eubank Title Field ManagerDate January 28, 1953

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

Commenced drilling October 10, 1952 Finished drilling January 26, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3,390 to 3520 No. 4, from 9,580 to 9,737
No. 2, from 7,287 to 7,358 No. 5, from _____ to _____
No. 3, from 9,084 to 9,569 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 65 to 85 No. 3, from _____ to _____
No. 2, from 615 to 630 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	48#	8	Spang	306	Halliburton				
7-5/8	26#	8	Spang	956	Halliburton				
5-1/2	19#	8	Spang	956	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	322	300 sacks / 3% gel	Pump & plug		
7-5/8	2,918	850 sacks / 3% gel	Pump & plug		
5-1/2	9,582	375 sacks / 3% gel	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

TOOLS USED

Rotary tools were used from Surface feet to 9,737 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing January 27, 1953
The production for the first 24 hours was 648 barrels of fluid of which 100 % was oil; No %

emulsion; No % water; and No % sediment.

Gravity, °Bé. 45.6

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. B. Woods _____, Driller J. D. Callaway _____, Driller
L. F. Whitney _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1,080	1,080	Red Sand & Shale
1,080	1,270	190	Anhy., Sand & Red Shale. Top Anhy. 1080 (-2196)
1,270	2,370	1,100	Salt, potash, Anhy. & Red Shale. Top Salt 1270 (-2006) Base Salt 2370 (-906).
2,370	2,490	120	Anhy. & Red & Green Shale. Top Yates 2490 (-786)
2,490	2,920	430	Anhy., Sand, Red & Green Shale & Dolomite
2,920	3,390	470	Red & Gray Sand, Anhy. & Dolomite. Top Penrose 3390 (-114).
3,390	3,790	400	Dolomite, Sand, Anhy. & Green Shale. Top San Andres 3790 (-514).
3,790	4,916	1,126	Dolomite, Sand & some Chert. Top Glorieta 4916 (-1640).
4,916	5,375	459	Lime & Dolomite. Top Clearfork 5375 (-2099).
5,375	5,895	520	Dolomite. Top Tubbs 5895 (-2619).
5,895	7,287	1,392	Lime, Dolomite & Sand. Top Devonian 7287 (-4011)
7,287	7,755	468	Dolomite & Chert. Top Silurian 7755 (-4479).
7,755	8,204	449	Lime & Dolomite. Top Fusselman 8204 (-4928).
8,204	8,420	216	Dolomite & Chert. Top Montoya 8420 (-5144).
8,420	8,813	393	Lime, Chert & Dolomite. Top Simpson 8813 (-5537).
8,813	9,090	277	Lime, Sand & Black & Green Shale. Top McKee 9090 (-5814).
9,090	9,586	496	Sand, Black & Green Shale & Lime. Top Ellenburger 9586 (-6310).
9,586	9,737	151	Dolomite & Chert. Total Depth 9737 (-6461).

LOG ON OUT OR GAS WELL

[illegible]

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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