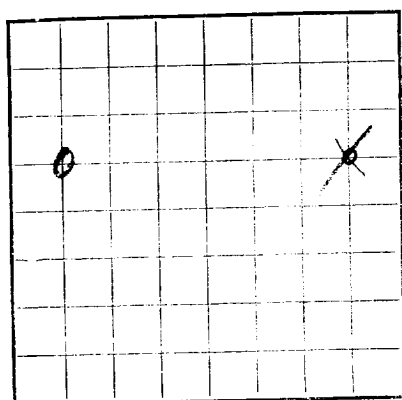


O. C. C.

U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029396-B 029395LEASE OR PERMIT TO PROSPECT Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

DEC 30 1953

Alamogordo, NEW MEXICO

Fort Worth National Bank Bldg.

Company Southern Production Company, Inc. Address Fort Worth, TexasLessor or Tract Turner Field Grayburg-Jackson State New MexicoWell No. 42 Sec. 20 T. 17S R. 31E Meridian NMPM County EddyLocation 1650 ft. S. of N Line and 330 ft. E. of W Line of Sec. 20 Elevation 3626.80
(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

L. E. AndersonDate December 28, 1953Title Dist. Supt.

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

Commenced drilling October 20, 1953 Finished drilling December 5, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1885 to 1889 No. 4, from 3323 to 3328No. 2, from 1919 to 1925 No. 5, from 3350 to 3357No. 3, from 2654 to 2661 No. 6, from 3389 to 3396
2981 2991

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		Purpose
							From—	To—	
9-5/8	36	8-RT	Spang	525	Common				
5-1/2	34.50	8-RT & EW		3430	Baker Float		3389	3391	
							3379	3389	
							3345	3364	
							3318	3323	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	525	50	Plug		
5-1/2	3430	200	Plug		41 Sacks Aquagel

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
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Casing perforated - 6 holes per foot - and acidized at following intervals:
3379 - 3391 treated with 3000 gal. 15% acid, 3345 - 3364 treated with 1500 gal. acid
3318 - 3323 could not treat, formation taking fluid on vacuum

TOOLS USED

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

Cable tools were used from 0 feet to 3430 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing December 17, 1953The production for the first 24 hours was 38 barrels of fluid of which 29% was oil; _____%
emulsion; 71% 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

B. Vandagriff, Driller J. Eskue, DrillerC. Miller, Driller C. Miller, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	35	35	Sand & caliche
35	150	115	Sand
150	265	115	Sand, red beds and anhydrite
265	500	235	Anhydrite and red beds
500	1200	700	Salt
1200	1885	685	Anhydrite
1885	1889	4	Brown lime - show of oil
1889	1896	7	Anhydrite
1896	1901	5	Brown lime
1901	1919	18	Anhydrite
1919	1925	6	Brown lime - Show of oil
1925	2300	375	Anhydrite and lime
2300	2328	8	Red sand
2328	2654	326	Anhydrite and lime
2654	2670	16	Brown lime - Inc. in gas
2670	2981	311	Lime
2981	2991	10	Sandy lime - Inc. in oil & gas
2991	3323	332	Lime
3323	3328	5	Brown lime - Inc. in Oil and Gas
3328	3345	17	Lime
3345	3357	12	Brown lime - Inc. in Gas and Oil
3357	3389	12	Lime
3389	3396	7	Brown lime - Inc. in Gas and Oil
3396	3423	27	Gray lime
3423	3430	7	Brown lime - Water

[illegible]