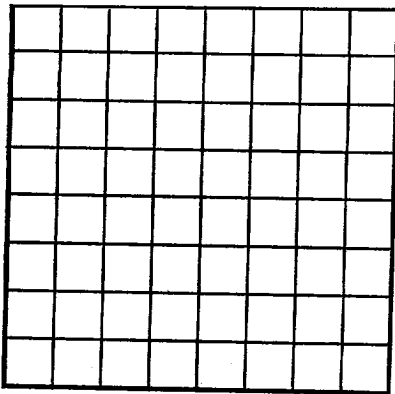


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029395 B
LEASE OR PERMIT TO PROSPECT Turner

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Production Co., Inc. Address W. T. Waggoner Bldg., Fort Worth, TexasLessor or Tract Turner Field Fren State N. Mex.Well No. 32-B Sec. 17 T. 17N R. 31E Meridian NMPM County EddyLocation 330 ft. {N.} of {S.} Line and 1650 ft. {E.} of {W.} Line of {Sec. 17} Elevation 3686'
(Derriat 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 Harold K. KrayDate Nov. 26, 1951 Title Agent

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

Commenced drilling Sept. 26, 1951, 19____ Finished drilling Oct. 29, 1951, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1968 to 1971' No. 4, from _____ to _____No. 2, from 2004 to 2008' 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		Purpose
							From—	To—	
9 5/8"	32	8	562'	562'					
7"	28	8	1976'	1976'					
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	562'	50	Plug		
7"	1976'	100	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
10 cone shots	2004-2008'	and acidized with 2500 gallons				
15 bullets and 9 cone shots	1968-1971'	and acidized with 400 gallons				

TOOLS USED

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

Cable tools were used from _____ feet to 2021' feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Oct. 29th, 1951, 19____The production for the first 24 hours was 24 barrels of fluid of which 100 % was oil; _____ %emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

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	95	95	Sand
95	300	205	Sandy Red Rock
300	430	130	Anhy
430	540	110	Red Beds
540	1330	790	Salt
1330	1968	638	Anhy
1968	1971	3	Brown Lime - Oil & Gas
1971	2004	33	Anhy
2004	2008	4	Brown Lime - Oil & Gas
2008	2021	13	Anhy

LOG OF OIL OR GAS WELL

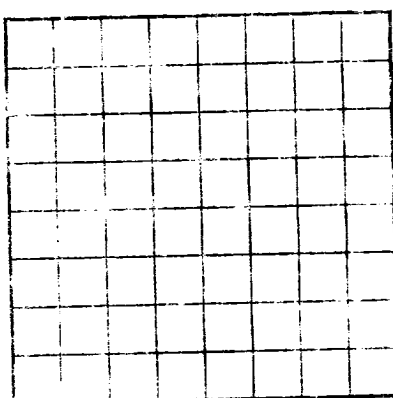
GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Form 0-230



LOCATE WELL CORRECTLY

Company Name
Location of well
Section, T. and R.
County, State
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.

Date
Title
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from
No. 2 from
No. 3 from

IMPORTANT WATER SANDS

No. 1 from
No. 2 from
No. 3 from
No. 4 from

CASING RECORD

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

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 "backed" 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

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

MUDDING AND CEMENTING RECORD

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

PLUGS AND BRIDGES

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

SHOOTING RECORD

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

TOOLS USED

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

DATES

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

EMPLOYEES

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

FORMATION RECORD

Depth	Weight	Length	Amount	Kind of pipe	Cut and drilled from	Remarks

FORMATION RECORD—Continued