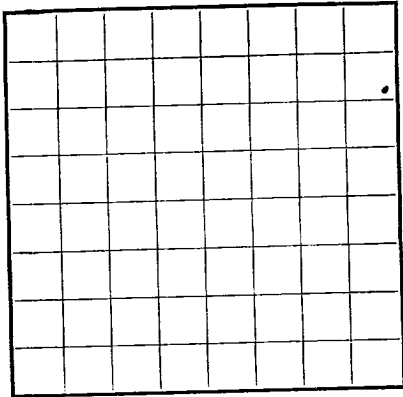




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER 01085
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southwestern, Inc. Address Box 1116 Lovington, New Mexico
Lessor or Tract Southern Cal. Pet. Corp. Field Undesignated State New Mexico
Well No. 1 Sec. 14 T. 19S R. 30E Meridian NMPM County Eddy
Location 2310 ft. S of N Line and 330 ft. W of E Line of Sec 14 Elevation 3370
(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 Frank L. Beard Title Office Manager

Date June 16, 1960

The summary on this page is for the condition of the well at above date.
Commenced drilling May 15, 1960 Finished drilling June 2, 1960

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2097 to 2102 No. 4, from _____ to _____
No. 2, from 2110 to 2136 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 200 to 205 No. 3, from _____ to _____
No. 2, from 300 to 305 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—	
8-5/8	28#	8 Rd.	Used	558'	HOWCO	- - -	-	-	Shut Off H2O
5 1/2	17#	8 Rd.	Grade H	2136'	Larkin		2098 2110	2104 2120	Oil String
							2122	2130	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	558'	75 Sacks	Halliburton	- -	- -
5 1/2	2136'	270 Sacks	Halliburton	- -	- -

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 2136 feet, and from _____ feet to _____ feet

DATES

May 15, 1960 Put to producing June 11, 1960
The production for the first 24 hours was 45 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 33.6
If gas well, cu. ft. per 24 hours 0 Gallons gasoline per 1,000 cu. ft. of gas -
Rock pressure, lbs. per sq. in. -

EMPLOYEES

Roy Hill, Driller Jack Burrows, Driller
Melvin H Crabb, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Cleat Clay
25	160	135	Red Bed
160	235	75	Red Shale
235	250	15	Anhydrite
250	285	35	Anhydrite & Gyp
285	320	35	Anhydrite & Lime
320	415	95	Anhydrite
415	435	20	Lime
435	470	35	Anhydrite
470	500	30	Lime, Shale & Anhydrite
500	520	20	Red Shale
520	540	20	Anhydrite
540	1650	1110	Salt
1650	1685	35	Salt & Polyhalite
1685	1905	220	Anhydrite
1905	1950	45	Lime & Anhydrite with Shale Breakers
1950	1990	40	Broken Anhydrite
1990	2000	10	Sandy Shale
2000	2016	16	Gray Sand
2016	2062	46	Anhydrite
2062	2070	8	Brown Lime
2070	2087	17	Broken Lime
2087	2094	7	Gray Lime
2094	2100	6	Brown Sandy Lime
2100	2104	4	Sand
2104	2112	8	Lime
2112	2136	24	Sand

FORMATION RECORD—Continued

[illegible]

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.