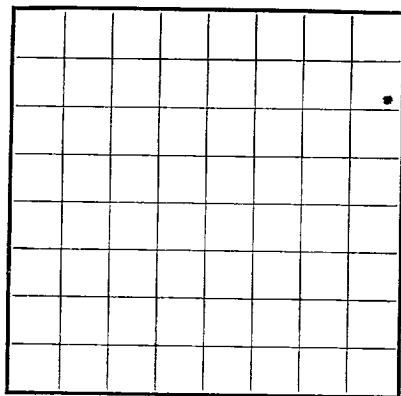


U. S. LAND OFFICE _____
SERIAL NUMBER **01085** _____
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

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 C. Beard**Date **June 16, 1960** Title **Office Manager**

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

Commenced drilling **May 15**, 19 **60** Finished drilling **June 2**, 19 **60**

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	2104	Oil string
							2110	2120	
							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, 19 **60** Put to producing **June 11**, 19 **60**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 L. 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

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

[illegible]