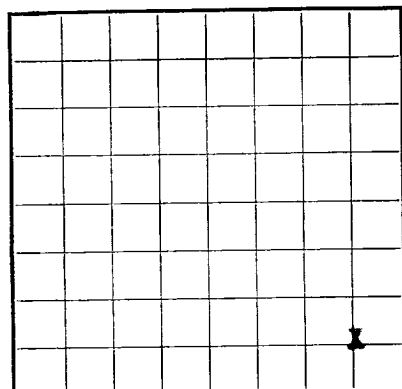




LOCATE WELL CORRECTLY

RECORDED
APR 27 1959U. S. DEPARTMENT OF THE INTERIOR
ARIZONA, NEW MEXICOU. S. LAND OFFICE Roswell
SERIAL NUMBER N.M. 03240
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sunray Mid-Continent Oil Company Address P. O. Box 128, Hobbs, New Mexico
Lessor or Tract N.M. Federal "M" Field Undesignated State New Mexico
Well No. 1 Sec. 23 T. 15S R. 2W Meridian NMPM County Sierra County
Location 660 ft. [N.] of S Line and 660 ft. [E.] of E Line of Sec. 23 Elevation 4668' GL
(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 [Signature]
Date April 22, 1959 Title Hobbs Area Engineer

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

Commenced drilling 1-16, 19 59 Finished drilling 4-12, 19 59

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

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ 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—	
13 3/8	48	5rd		610	Float				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	602	600	Pump		Circulated 70 ex.

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 9765 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Dry Hole, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% 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

D. W. Frawley, Driller Harvin Drough, Driller
E. B. Allen, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red Bed
50	620	570	Red Bed & Shells
620	635	15	Shale
635	983	348	Shale & Lime
983	1105	122	Shale & Lime
1105	1592	487	Lime, Shale & Sand
1592	1828	236	Shale & Sand
1828	2607	779	Sand, Lime & Shale
2607	3221	214	Shale
3221	3410	589	Sand, Shale & Lime
3410	3560	150	Sand & some Shale
3560	3695	135	Sand & Lime
3695	4118	423	Lime, Sand, Shale, Anhy
4118	4185	67	Lime & Dolomite
4185	4302	117	Lime
4302	5231	929	Lime Anhy, Sand, Shale
5231	5494	263	Sand & Shale
5494	5586	92	Lime, Sand, Shale
5586	5758	172	Sand & Shale
5758	5904	146	Shale, Sand, Lime
5904	6171	267	Lime & Shale
6171	6810	639	Lime
6810	7560	750	Lime & Shale
7560	8203	1243	Lime, Shale & Chert
8203	9020	217	Lime, Shale & Sand
9020	9099	79	Lime, Dolomite, Shale
9099	9765	666	Lime & dolomite

FROM-	TO-	TOTAL FEET	FORMATION
			Neas Verde
		954	San Andres
		3605	San Andres
		4044	San Andres
		4300	San Andres
		5145	San Andres
		5145	San Andres
		5260	San Andres
		6065	San Andres
		6692	San Andres
		8902	San Andres
		9010	San Andres
		9083	San Andres
		9210	San Andres
		9425	San Andres
		9755	San Andres

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

16-43004-2 U. S. GOVERNMENT PRINTING OFFICE

EST #1 - 2312 - 2362. Plugged pool.
DST #1 - 2313 - 2413. Open 2 hours. Gear drive turn out. Recovered 460 BM & 180' very slightly gas cut BM. IM 1105, IR 240, FFP 375, 30 min FPH 585, BM 1120.
DST #3. 475 - 5190'. 30 min/round down and open 3 min. Open 30 min. Bypassed pool. Unable to reopen. Recovered 100' BM. No show. IM 1525#, IR 225#, FFP 180, BM 1525. SI N.G.
Drilled to 2765'. Placed 20' SX cement at 9765-9713'. 40' SX cement 627-575'. Job complete 6:00 P.M., 4-18-59.
When final location cleanup has been made, a 10' permanent plug will be placed in top of the surface casing and a 4" x 4' permanent marker will be installed.