

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **028731 (B)**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Co. Address Box 128 - Hobbs, New Mexico
Lessor or Tract M. Dodd "B" Field Anderson State New Mexico
Well No. 12 Sec. 10 T. 17 R. 29 Meridian _____ County Eddy
Location 1980 ft. N of N Line and 1980 ft. E of W Line of Sec. 10 Elevation 3593

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 March 6, 1957 Signed J. A. Hobbs Title Hobbs Area Superintendent

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

Commenced drilling 2-2-57 19____ Finished drilling 3-5-57 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ----- to ----- No. 4, from ----- to -----
 No. 2, from **2458** to **2477** No. 5, from ----- to -----
 No. 3, from ----- to ----- No. 6, from ----- to -----

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
8 5/8	24#	8R	J55	362	Tex. Pat.				Surface
5 7/8	19#	8R	J55	150	Rising				Old string
HISTORY OF OIL ON CV2 UNIT									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	362	250 w/ 8% Gel	Pap & Plug	Native	
5 1/2	2438	150	" "	"	

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

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

Cable tools were used from 0 feet to 24.77 feet, and from _____ feet to _____ feet

DATES

Put to producing March 6, 1957

The production for the first 24 hours was 140 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 35

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Cactus Drilling Co.	Driller		Driller
	Driller		Driller

FORMATION RECORD

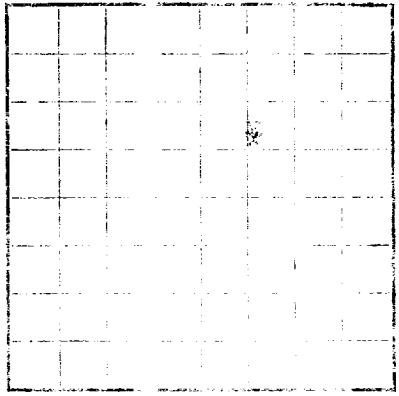
FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Sand, Caliche, and Shale
290	330	40	Red Bed
330	400	70	Red Bed & Salt
400	770	370	Salt
770	935	165	Salt & Anhydrite
935	1075	140	Sand, Shale & Anhydrite
1075	1766	691	Anhydrite
1766	1800	34	Queen Sand
1800	1960	160	Anhydrite & Lime
1960	2260	300	Dolomite & Sand
2260	2266	6	Sand
2266	2366	100	Dolomite & Sand
2366	2377	11	Motex Sand
2377	2458	81	Dolomite, Sand & Shale
2458	2477	19	Premier Sand
		Tops	
Yates	935		
Queen	1766-1800		
Grayburg	2090		
Premier	2458		
			AT THE TIME OF LOGGING, NO WHITE SANDS WAS OBSERVED.

16-42094-S

U.S. Land Office
Serial Number
Leave on Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name
Location
Well Name
Date
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

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

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

IMPORTANT WATER SANDS

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

CASING RECORD

Casing	Size	Length	Weight	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 "packed" 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 pipes or bridges were put in for testing, state size and location. Kind of material used, position, and results of pumping or boring.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Kind of mud	Method used	Mud gravity	Amount of mud used

LOGS AND APPENDICES

Depth set
Six

SHOOTING RECORD

Depth set	Depth shot	Remarks

LOGS USED

Log of No. 1 well from 0 to 100 feet
Log of No. 2 well from 0 to 100 feet

DATA

Gravelly sand, 100 to 150 feet
Gravelly sand, 150 to 200 feet
Gravelly sand, 200 to 250 feet
Gravelly sand, 250 to 300 feet
Gravelly sand, 300 to 350 feet
Gravelly sand, 350 to 400 feet
Gravelly sand, 400 to 450 feet
Gravelly sand, 450 to 500 feet
Gravelly sand, 500 to 550 feet
Gravelly sand, 550 to 600 feet
Gravelly sand, 600 to 650 feet
Gravelly sand, 650 to 700 feet
Gravelly sand, 700 to 750 feet
Gravelly sand, 750 to 800 feet
Gravelly sand, 800 to 850 feet
Gravelly sand, 850 to 900 feet
Gravelly sand, 900 to 950 feet
Gravelly sand, 950 to 1000 feet

EMPLOYEES

Driller
Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
Gravelly sand	100	0	100
Gravelly sand	100	100	200
Gravelly sand	100	200	300
Gravelly sand	100	300	400
Gravelly sand	100	400	500
Gravelly sand	100	500	600
Gravelly sand	100	600	700
Gravelly sand	100	700	800
Gravelly sand	100	800	900
Gravelly sand	100	900	1000
Gravelly sand	100	1000	1100
Gravelly sand	100	1100	1200
Gravelly sand	100	1200	1300
Gravelly sand	100	1300	1400
Gravelly sand	100	1400	1500
Gravelly sand	100	1500	1600
Gravelly sand	100	1600	1700
Gravelly sand	100	1700	1800
Gravelly sand	100	1800	1900
Gravelly sand	100	1900	2000
Gravelly sand	100	2000	2100
Gravelly sand	100	2100	2200
Gravelly sand	100	2200	2300
Gravelly sand	100	2300	2400
Gravelly sand	100	2400	2500
Gravelly sand	100	2500	2600
Gravelly sand	100	2600	2700
Gravelly sand	100	2700	2800
Gravelly sand	100	2800	2900
Gravelly sand	100	2900	3000
Gravelly sand	100	3000	3100
Gravelly sand	100	3100	3200
Gravelly sand	100	3200	3300
Gravelly sand	100	3300	3400
Gravelly sand	100	3400	3500
Gravelly sand	100	3500	3600
Gravelly sand	100	3600	3700
Gravelly sand	100	3700	3800
Gravelly sand	100	3800	3900
Gravelly sand	100	3900	4000
Gravelly sand	100	4000	4100
Gravelly sand	100	4100	4200
Gravelly sand	100	4200	4300
Gravelly sand	100	4300	4400
Gravelly sand	100	4400	4500
Gravelly sand	100	4500	4600
Gravelly sand	100	4600	4700
Gravelly sand	100	4700	4800
Gravelly sand	100	4800	4900
Gravelly sand	100	4900	5000
Gravelly sand	100	5000	5100
Gravelly sand	100	5100	5200
Gravelly sand	100	5200	5300
Gravelly sand	100	5300	5400
Gravelly sand	100	5400	5500
Gravelly sand	100	5500	5600
Gravelly sand	100	5600	5700
Gravelly sand	100	5700	5800
Gravelly sand	100	5800	5900
Gravelly sand	100	5900	6000
Gravelly sand	100	6000	6100
Gravelly sand	100	6100	6200
Gravelly sand	100	6200	6300
Gravelly sand	100	6300	6400
Gravelly sand	100	6400	6500
Gravelly sand	100	6500	6600
Gravelly sand	100	6600	6700
Gravelly sand	100	6700	6800
Gravelly sand	100	6800	6900
Gravelly sand	100	6900	7000
Gravelly sand	100	7000	7100
Gravelly sand	100	7100	7200
Gravelly sand	100	7200	7300
Gravelly sand	100	7300	7400
Gravelly sand	100	7400	7500
Gravelly sand	100	7500	7600
Gravelly sand	100	7600	7700
Gravelly sand	100	7700	7800
Gravelly sand	100	7800	7900
Gravelly sand	100	7900	8000
Gravelly sand	100	8000	8100
Gravelly sand	100	8100	8200
Gravelly sand	100	8200	8300
Gravelly sand	100	8300	8400
Gravelly sand	100	8400	8500
Gravelly sand	100	8500	8600
Gravelly sand	100	8600	8700
Gravelly sand	100	8700	8800
Gravelly sand	100	8800	8900
Gravelly sand	100	8900	9000
Gravelly sand	100	9000	9100
Gravelly sand	100	9100	9200
Gravelly sand	100	9200	9300
Gravelly sand	100	9300	9400
Gravelly sand	100	9400	9500
Gravelly sand	100	9500	9600
Gravelly sand	100	9600	9700
Gravelly sand	100	9700	9800
Gravelly sand	100	9800	9900
Gravelly sand	100	9900	10000