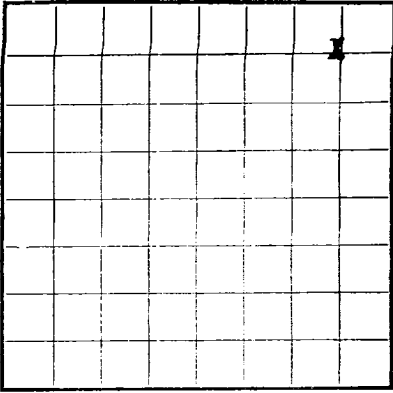


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028731 - A
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Company Address Box 128, Hobbs, New Mexico
Lessor or Tract A. Dodd "A" Field Grayburg - Keely State New Mexico
Well No. 10-X Sec. 22 T. 17S R. 29E Meridian County Eddy
Location 675 ft. EX of N Line and 660 ft. EX of E Line of Sec. 22 Elevation 3572
(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 J. A. Parry Title Robb's Area Superintendent

Date December 29, 1955

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

Commenced drilling 10-27, 1955 Finished drilling 12-9, 1955

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

No. 1, from 2410 to 2495 No. 4, from 3175 to 3200
No. 2, from 2710 to 2780 No. 5, from 3245 to 3260
No. 3, from 2910 to 2980 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 140 to 145 No. 3, from _____ to _____
No. 2, from 360 to 370 S. W. 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-	
<u>8 5/8</u>	<u>24</u>	<u>8</u>	<u>J-55</u>	<u>449</u>	<u>Tex. Pat.</u>				<u>Surface</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>J-55</u>	<u>3284</u>	<u>Pipe</u>				<u>Oil</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>449</u>	<u>450 with 4% gel</u>	<u>Pump & Plug</u>	<u>Native</u>	
<u>5 1/2</u>	<u>3284</u>	<u>250 sacks</u>	<u>Pump & plug</u>	<u>Native</u>	

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 3285 feet, and from _____ feet to _____ feet

DATES

Put to producing 12-20, 1955
The production for the first 24 hours was 120 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 37.2 at 60°
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

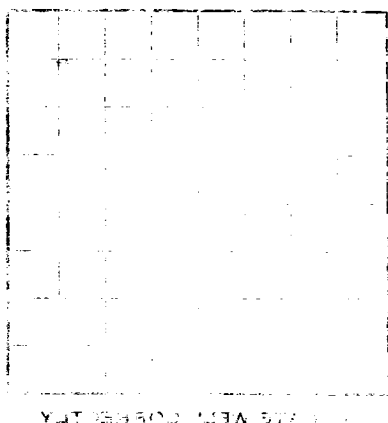
EMPLOYEES

Cactus Drilling Company, Driller _____, Driller _____
Robbie McCarroll - Pusher, Driller _____, Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	225	225	Shale and Sand
225	270	45	Red Bed
270	50	80	Shale and Anhydrite
350	755	405	Salt
755	760	5	Potash
760	780	20	Anhydrite
780	785	5	Red Shale
785	815	30	Anhydrite
815	1275	460	Red Shale and Anhydrite
1275	1285	10	Brown Lime, show of gas
1285	1810	525	Anhydrite with streaks of red shale
1810	1840	30	Red sandy shale
1840	2060	220	Anhydrite, show of oil 1815 - 30'
2060	2070	10	Broken sand, show of oil
2070	2180	110	Anhydrite
2180	2195	15	Red sand
2195	3285	90	Lime

U.S. Land Office
Special Number
Date of Permit to Prospect



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Well No. _____
Location _____
Date of completion _____



The well was drilled to a depth of _____ feet.

OIL OR GAS SANDS

Depth	Oil	Gas
0 to 10		
10 to 20		
20 to 30		

IMPORTANT WATER SANDS

Depth	Water
0 to 10	
10 to 20	
20 to 30	

OTHER SANDS

Depth	Other
0 to 10	
10 to 20	
20 to 30	

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

FROM	TO	TOTAL FEET	FORMATION
0	10	10	...
10	20	20	...
20	30	30	...
30	40	40	...
40	50	50	...
50	60	60	...
60	70	70	...
70	80	80	...
80	90	90	...
90	100	100	...
100	110	110	...
110	120	120	...
120	130	130	...
130	140	140	...
140	150	150	...
150	160	160	...
160	170	170	...
170	180	180	...
180	190	190	...
190	200	200	...
200	210	210	...
210	220	220	...
220	230	230	...
230	240	240	...
240	250	250	...
250	260	260	...
260	270	270	...
270	280	280	...
280	290	290	...
290	300	300	...
300	310	310	...
310	320	320	...
320	330	330	...
330	340	340	...
340	350	350	...
350	360	360	...
360	370	370	...
370	380	380	...
380	390	390	...
390	400	400	...
400	410	410	...
410	420	420	...
420	430	430	...
430	440	440	...
440	450	450	...
450	460	460	...
460	470	470	...
470	480	480	...
480	490	490	...
490	500	500	...