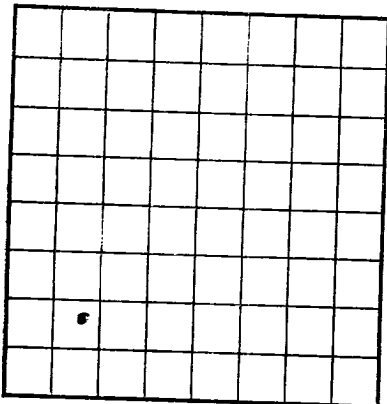
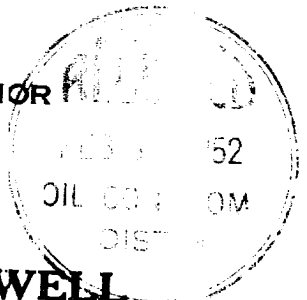




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03295
LEASE OR PERMIT TO PROSPECT 03295UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sunray Oil Corporation Address Aztec, New Mexico
Lessor or Tract Sec. 14-30 N. 10 E. Field Blanco-Mariata State New Mexico
Well No. 1 Sec. 11 T30 N. R10 E. Meridian N.M.P.M. County San Juan
Location 1080 ft. [N.] of S. Line and 1190 ft. [E.] of N. Line of Sec. 11-30 N. 10 E. Elevation 5541
(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 February 5, 1952Title Group Foreman

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

Commenced drilling August 2, 1951 Finished drilling November 20, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

C. No. 1, from 3105 to 3295 C. No. 4, from 5454 to 5645
C. H. No. 2, from 4770 to 4863 No. 5, from _____ to _____
H. No. 3, from 4863 to 5454 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—	
10-3/4"	32.75	8	40	261	Sec. rat.	0			
7" 5/8"	23.00	8	55	5374	maker guide shoe & float collar				
7" 5/8"	23.00	8	55	5374					
							5374	5374	Queue

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	261'	185	Halliburton		Cement circulated
7" 5/8"	5387'	125	Halliburton		
	3300'	75	Halliburton		
		150	Halliburton		
			Halliburton	2 stage w. tool	
				Squeeze thru perforations	5372' to 5374'

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
5"	151'	J.H.G.			5400' to	
3"	34'	J.H.G.	612 lbs.	11/21/51	5645'	5645'

TOOLS USED

Rotary tools were used from 0 feet to 5387' feet, and from _____ feet to _____ feet
Cable tools were used from 5387' feet to 5645' feet, and from _____ feet to _____ feet

DATES

_____, 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. _____

Open flow after 72 hrs. shut in _____
If gas well, cu. ft. per 24 hours 2,150 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1025

EMPLOYEES

Penman Drilling Co., Driller well incorporated, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Alluvial sandstone
100	175	75	Sandstone, shale and siltstone
175	250	75	Sandstone
250	375	125	Siltstone, minor amounts of sandstone & shale
375	500	125	Sandstone, some siltstone
500	700	200	Sandstone, some siltstone & shale. Top <u>Torrejon and Guereco fm. 698'</u>
700	820	120	Sandstone med. gr. light gray to white
820	1050	230	Shale, light gray to dark gray, some siltstone
1050	1120	70	Siltstone, light green to light brown, some sandstone and shale.
1120	1130	10	Shale, light green
1130	1200	70	Siltstone, light green to light gray
1200	1220	20	Sandstone, light gray to white
1220	1330	110	Siltstone, light gray, some shale
1330	1380	50	Sandstone, fine gr. slightly calcareous
1380	1410	30	Shale, light gray to dark gray
1410	1520	110	Sandstone
1520	1800	280	Shale, light gray to dark gray
1800	1810	10	Sandstone, Top <u>Ojo Alamo sandstone 1830'</u>
1810	1890	80	Shale
1890	1900	10	Sandstone
1900	1950	50	Shale, Top <u>Kirtland 1959'</u>
1950	2550	600	Shale, some free qtz. at 2450'
2550	2560	10	Shale, some sandstone, Top <u>Fruitland 2561'</u>
2560	2580	20	Sandstone, yellowish brown

LOCATE WELL CORRECTLY

GEOLOGICAL SURVEY

2501 5 21
2502 1 30 110
8 7513

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.

Commenced drilling _____, finished drilling _____.

(b) (5) DPP, (b) (5) ACP

IMPORTANT WATER SAMPLES

1. *Chlorophyll a* (Chl *a*)

CASINO RECORD

9917079

U. S. GOVERNMENT PRINTING OFFICE 16-43044-1 HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

best part to invent?

Don't

Two baggage dogs

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

Driver	Driver		
Driver	Driver		

FORMATION

FORMATION RECORD—Continued