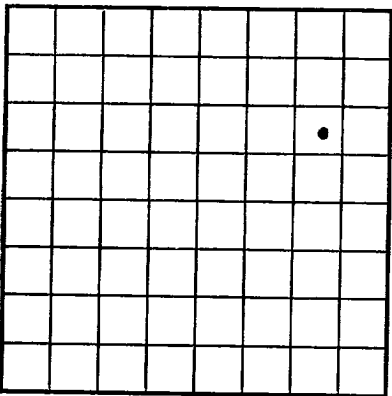




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078208
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Sunray Oil Corporation Address First Nat'l Bldg. Tulsa 2, Oklahoma
Lessor or Tract h. 1 Sec. 1-30 N. -10 W. Field Blanco State New Mexico
Well No. 1 Sec. 1 T. 30 N. R. 10 W. Meridian N.M.P.M. County San Juan
Location 1650 ft. (N.) of N. Line and 940 ft. (E.) of E. Line of SE-NE Elevation 6569
(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 E. P. Head
Date June 14, 1952 Title Group Foreman

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

Commenced drilling March 28, 1952 Finished drilling May 28, 1952

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

No. 1, from 3292 to 3462 G. No. 4, from 5492 to 5653 G.
No. 2, from 4922 to 5120 G. No. 5, from _____ to _____
No. 3, from 5120 to 5492 G. 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"	40.5	8.0	Halliburton	200.07	Open hole	Surface to 3292			Drill pipe
7"	28	8.0	Do.	117.0	Open hole	3292 to 5653			Drill pipe

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	210'	140	Halliburton		circulated cement
7"	4899	400	Do.		

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
3" & 5"	Tin	SNG EP-134	1774 lbs.	5/29/52	5010'-5700'	5687'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from 4909 feet to 5700 feet (Using gas)
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Tested June 11, 1952 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 6,640 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1040 psi 72 hrs. shut in.

EMPLOYEES

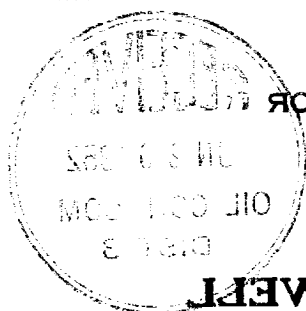
_____, Driller _____, Driller
Big Chief Drilling Co. _____, Driller Well Incorporated, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	330	330	Ss lt. gry. to wht. med to cor gm, rounded sh. dark to lt. gry sl. cal (stringers)
330	370	40	sltst drk grish gry trc pyrite, small amt dark gry sh.
370	460	90	Ss lt. gry to wht, cor gm some sltst wf pyrite
460	490	30	sltst drk gry to lt gry lt gr sl cal.
490	800	310	ss lt gry to wht med gm sl cal.
800	850	50	sltst drk gr. bentonitic sl cal.
850	940	90	Ss lt gry to wht, med. gm sl cal. some iron st.
940	950	10	sltst drk gr sl cal.
950	990	40	Ss lt gry to wht, some drk gr.
990	1030	40	sltst lit gry to drk gry, carbonaceous inc.
1030	1070	40	Ss lit gry to wht fine gm.
1070	1090	20	sltst lit grish gry.
1090	1180	90	Ss lt gry to wht, cor gm sl. cal.
1180	1230	50	sltst drk brish red, lt gry. sh drk gry
1230	1500	270	ss lt gry to wht cor gm. sl. cal. some glauconitic mat. some reddish gr sltst.
1500	1520	20	sltst, lit gr. slt gry, sl cal. Trc pyrite
1520	1630	110	ss lt gry to wht, cor gm trc pyrite
1630	1670	40	sltst grish gry sl cal. some sh.
1670	1700	30	sh drk gry to lt gry, some reddish br, gr.
1700	1710	10	sltst, brish gry some grish gry.
1710	1740	30	Ss lt gry to wht cor gm.
1740	1760	20	sltst, lt grish gry, some reddish br.
1760	1780	20	sh. lt gry to grish gry.

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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

Date _____ 1952

Title _____

Original _____

OIL OR GAS SANDS OR ZONES

(G) und zum stürzen

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to

IMPORTANT WATER SAVING

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

CASING RECORD

Line No.	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from	Potomated from	Purpose
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of recording, 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 added, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. Drifts or boulders were put in to test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

SLURRY MUDGING AND CEMENTING RECORD

Where set	Number sacks of cement	Method used	Find gravity	Amount of mud used

PLUGS AND ADAPTERS

Leaving plug—Material	Length	Depth set
Adaptors—Material	Size	

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
2	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
3	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
4	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
5	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
6	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
7	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
8	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
9	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.
10	100 lb. shell	100 lb. TNT	100 lb.	10/10/1918	100 ft.	100 ft.

NOTES

test	test to	test and from	test to	test were used from
test	test to	test and from	test to	test were used from

ESTAO

It was well over ft. per 24 hours	% sediment	The production for the first 24 hours was	But to producing
Gallons gasoline per 1,000 cu. ft. of gas		% water; and	
Gravity, °Bé.		barrels of fluid of which % was oil	
			19

EMPLOYEES

[illegible]

FORMATION RECORD—Continued