

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078206LEASE OR PERMIT TO PROSPECT LeaseUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 13 1953

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Oil CorporationAddress Tulsa, OklahomaLessor or Tract H.H. ErrettField BlancoState New MexicoWell No. 1 Sec. 22 T. 30 N R. 10 W Meridian N.M.P.M. County San JuanLocation 1190 ft. (N.) of S. Line and 1190 ft. (E.) of W. Line of Sec. 22 Elevation 6193' DF
(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.

Date January 12, 1953Signed E.D. HootTitle Group Foreman

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

Commenced drilling October 17, 1952 Finished drilling November 7, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2769 to 2900 F.B. g No. 4, from 5020 to 5154 L.L. g
No. 2, from 4368 to 4538 C.H. No. 5, from _____ to _____
No. 3, from 4538 to 5020 Men. 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
10-3/4"	32.75	8 rd.	H.B.	228'			From _____ to _____
7" OD	24.00	8 rd.	H.B.	360'			From _____ to _____
7" OD	20.00	8 rd.	H.B.	4298.00'	Larkin		From _____ to _____
Total				4298.00'	HISTOKA OR OIL OR GAS WELL		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	240'	160	Halliburton		
7" OD	4299.5' RDB	400	Halliburton		

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"		S.M.G.	1329 lbs.	1-8-52	4509' to 5184'	5184'

TOOLS USED

Rotary tools were used from _____ feet to 4300' using mud
Cable tools were used from _____ feet to _____ feet using gas
feet, and from 4300' feet to 5184' feet
feet, and from _____ feet to _____ feet

DATES

January 12, 1953
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment.
If gas well, cu. ft. per 24 hours 458 MCF Gravity, °Bé. _____
Rock pressure, lbs. per sq. in. Tub. 1065 Gas. 1063 Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

George Noland Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

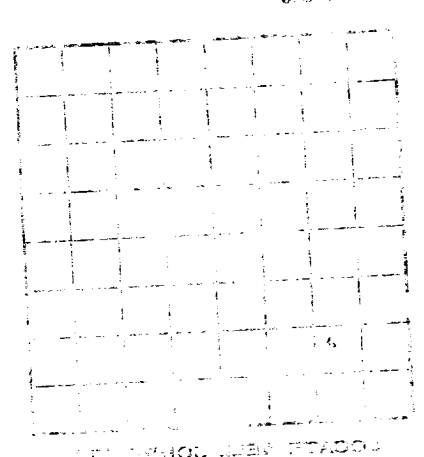
FROM—	TO—	TOTAL FEET	FORMATION
0	410	410	ss, med to coarse grn, angular to sub-rounded milky wht to transparent grns, some show orange iron staining. Sh, grading from very sandy to mudstones, multicolored from dk gry to lite gry, some greenish gry to lite bluish gry, slightly carb in stringers. Very bentonitic in stringers. Ss stringers composed of fine grned angular to rounded grns, milky wht to transparent, some glauconitic staining in stringers, sh cal in zones.
410	1438	1028	TOP: Sandstone Reservoir 430'
1438'	1580'	142	Ss, med to coarse grn, angular to sub-rounded milky wht to transparent, some pink grns, trc carb mat in stringers, loosely cemented. some sh stringers.
1580'	2428'	848'	TOP: Ojo Alamo 1438'
			Sh, sandy in stringers, lite grish gry to lite gry, some brksh gry, some dk gry, some carb mat in stringers. Ss (stringers) milky wht to trans, angular, dk grn, sh cal, coal trc.

CONTINUATION RECORD—CONTINUED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL



Well Name: _____
Location: _____
County: _____
State: _____
Date of Log: _____

Drilled by: _____
Cased by: _____
Produced by: _____

Direction of Drilling: _____
Depth of Well: _____
Direction of Flow: _____
Direction of Dip: _____
Direction of Strike: _____

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, 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.

FROM-	TO-	TOTAL FEET	FORMATION
2769'	2769'	341'	Top: Kirtland 1580' Sh, lite gray, some pinkish Gry, sl cal. ss (stringers) lite gry to wht, in grn, mgt ss sub-rounded, salt & pepper appearance. Coal (stringers). Top: Kirtland 2428' ss, in grn, sub to rounded, lite gry to wht, sl cal, blk inclusions giving a salt & pepper appearance. Top: Kirtland 2769' Sh, sandy, some carb inclusions, drk bluish gry to drk gry, some black gry and some pinkish gry. ss (stringers) lite gry to wht. Top: Kirtland 2900' ss, in grn, mlt to trans gry, semi- rounded to ang, sl cal. Top: Kirtland 4368' Sh, lite gry to blk, some drk bluish gry, non cal, hematite, some carb inclusions. Coal (stringers). ss (stringers) lite gry to mltly wht, some trans gry. Top: Kirtland 4538' ss, in grn, sub to sub-rounded, sl cal, lite gry to mltly wht, some trans gry, sh, (stringers) lite gry to drk gry, non cal, some coal stringers. Top: Joint Lookout 5020' Sh, lite gry to drk gry. Top: Kirtland 5154' ss, in grn, sub to rounded, sl cal, lite gry to mltly wht, some trans gry, sh, (stringers) lite gry to drk gry, non cal, some coal stringers.