

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER L.C. 632591 a
LEASE OR PERMIT TO PROSPECT Fed

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Oil-Continent Oil Company Address Box 122, Hobbs, New Mexico
 Lessor or Tract E. E. List "A" Field Undesignated State New Mexico
 Well No. 4 Sec. 21 T. 21 R. 37 Meridian 12 County Lea
 Location 2000 ft. N. of 11 Line and 330 ft. E. of 1 Line of Sec. 21 Elevation 3460
(Drop ink from value for state and land)

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 C. J. McManis
Date 1-19-59 Title Boobs Area Superintendent

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

Commenced drilling _____, 19____ Finished drilling _____, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G')

(Denote gas by G)

No. 1, from <u>7179</u> to <u>7237</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 3/8	258	300 s. 4 1/2 gal	Pump		
9 5/8	2950	1500 s. 4 1/2 gal	Pump		
5 1/2	7351	350 s. 4 1/2 gal, 45 s. Sigsbeeite			

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 9 feet to 751 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing -----, 19-----

The production for the first 24 hours was 119 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 12.9

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

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

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
is is a	recompletion in	a new zone (Barly 100)	

FROM	TO	TOTAL FEET	FORMATION
------	----	------------	-----------

[illegible]

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 balling.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

United rods & tubing. Set Baker CI Bridge pipe & 7355' w/1 ex cement on top. Perforated Manly Abo 7175-85', 7224-37' & 8000-8100' areas. Attempted to acidize both sections separately but broke down and established communication between perforations. Acidized both sections with 5000 gallons 15% flowback acid water and 32 HTO, flowed well 3 days and took additional as follows. Flowed 139 BG in 27 hrs, 16/67" choke, 3504' BP, 8001 1100/1, 0.1474 33.6'.