

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N. M. 036254
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW HAMPSHIRE

LOG OF OIL OR GAS WELL

Company Sunray Mid-Continent Oil Co. Address Farmington, New Mexico
 Lessor or Tract CBU Field Bisti State New Mexico
 Well No. WI 6 Sec. 15 T. 25N R. 12W Meridian NMPM County San Juan
 Location 5 ft. N of N Line and 1315 ft. E of W Line of Sec. 15 Elevation 6248
 (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 November 2, 1959 Title Jr. Engineer

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

Commenced drilling ----- **August 25**, 19**59** ----- Finished drilling ----- **September 2**, 19**59** -----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4718 to 4864 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. 3, from _____ to _____

No. 2, 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
8 5/8	310	225	Circulation	Native	
4 1/2	L927	350	Pumped Plug	9.4#/gal.	

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 0 feet to 4925 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-----
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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 ----- 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
4748'			Top Gallup

HISTORY OF OIL OR GAS WELL

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.

8-25-59 Bounded well. Drilled 12 1/2" to 315'. Set 8 5/8" 2 1/2" J-55 csg. @ 310' w/225 ex cement. Circulated cement to surface. WOC 2 1/2 hrs.

8-26-59 Ripped up and tested csg. to 1000' for 30 minutes.

(8-26)-(9-2)-59 Drilled 7 7/8" hole to 1925'.

9-2-59 Set 4 1/2" J-55 csg. @ 1927' w/ 300 ex. cement. Cemented top of cement @ 3200' by temperature survey. WOC 2 1/2 hrs. Ripped up and tested csg. to 1000' for 30 minutes.

9-16-59 Perforated 4 1/2" csg. with 4 holes / ft from 1760'-80', 1792'-1804', 1823'-29', 1835'-41', and 1850'-61'. Injectivity test with HOMCO pump. Pumped into formation @ 1250', broke back to 108 psi @ 0.8 BHM. Performed 6 holes / ft. from 1855'-59' and 1865'-61'.

section with a 1 1/2" #3 charge. Pumped into perforations @ 1250' and 0.1 BHM. Pressure broke to 600' @ 0.8 BHM after 5 minutes. Pressure further dropped to 550' @ 0.8 BHM after 20 minutes; set Baker Model "DA" Packer @ 1716'.

9-18-59 Run 2 7/8" 4-55 plate jointed log with model 15" latch on and seal assembly and set in packer w/6000' tension. Well completed this date.

10-2-59 Commenced water injection.

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BUREAU OF LAND MANAGEMENT
UNITED STATES

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