

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**

Lease No. **078204**

Unit

RECEIVED

SUNDRY NOTICES AND REPORTS ON WELLS

AUG 30 1962

NOTICE OF INTENTION TO DRILL

NOTICE OF INTENTION TO CHANGE PLANS

NOTICE OF INTENTION TO TEST WATER SHUT-OFF

NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL

NOTICE OF INTENTION TO SHOOT OR ACIDIZE

NOTICE OF INTENTION TO PULL OR ALTER CASING

NOTICE OF INTENTION TO ABANDON WELL

SUBSEQUENT REPORT OF WATER SHUT-OFF

SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING

SUBSEQUENT REPORT OF ALTERING CASING

SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR

SUBSEQUENT REPORT OF ABANDONMENT

SUPPLEMENTARY WELL HISTORY

U. S. GEOLOGICAL SURVEY
NEW MEXICO

X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 28, 1962

Sunray "D"
Well No. 1 (OWWO) is located 990 ft. from ~~XXXX~~ line and 990 ft. from ~~XXXX~~ line of sec. 21

SW/4 Sec. 21

30N

10W

N.M.P.M.

(1/4 Sec. and Sec. No.)

Twp.

(Range)

Meridian

Basin Dakota

San Juan

New Mexico

Field

County and Division

State or Possession

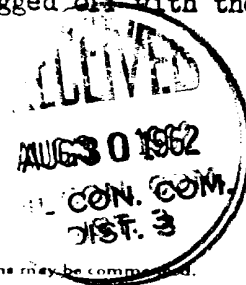
The elevation of the derrick floor above sea level is 6361 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands, show sizes, weights, and lengths of proposed casings; indicate mudding logs, cementing points, and all other important proposed work)

On August 5, 1962 the Mesa Verde portion of this well was abandoned in the following manner:

Ran 245 joints 4 1/2", 10.5# J-55 (7489') set at 7500' w/420 sacks cement. Top of cement by B & R temperature survey @ 3500'. The Mesa Verde from 4630' to 5330' was cased off, cemented & pulgged off with the use of the 4 1/2" casing string to the Dakota.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Company**

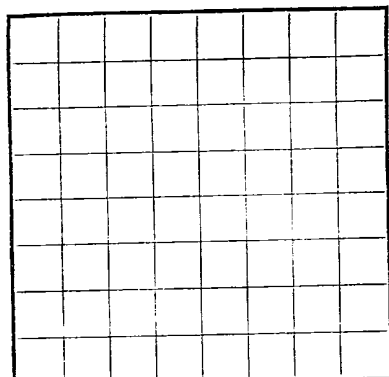
Address **Box 990**

Farmington, New Mexico

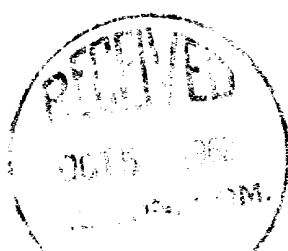
By

N. W. Mackay

Title **Petroleum Engineer**

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078204**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**

OCT 4 1962

LOG OF OIL OR GAS WELL
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICOCompany **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Sunray "D"** Field **Basin Dakota** State **New Mexico**
Well No. **1(OWO)** Sec. **21** T. **30N** R. **10W** Meridian **N.M.P.M.** County **San Juan**
Location **990** ft. **N.** of **S** Line and **990** ft. **E.** of **W** Line of **Section 21** Elevation **6361**
(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 **ORIGINAL SIGNED H.E. McANALLY**
Date **September 28, 1962** Title **Petroleum Engineer**

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

Commenced drilling **11-14-53**, 19..... Finished drilling **1-4-53**, 19.....
Workover **7-24-62** **8-3-62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7209** to **7350 (G)** No. 4, from to
No. 2, from **7350** to **7500 (G)** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.1	8 rd	H-40	1363	Baker				Surface
7"	23.20	8 rd	J-55	8065	Baker				Intermediate
4 1/2"	10.5	8 rd	J-55	7489	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	7412	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	173	125	circulated		
7"	5075	500	single		
4 1/2"	7500	420	single		

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
See Workover attached.						

TOOLS USED

Rotary tools were used from **0** feet to **7500** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

8-27, 19 **62** 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 **2,847,000** Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. **2134 csg.** **A.O.F. 3111 MCF/D**

EMPLOYEES

....., Driller Driller
....., Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2887	2887	Tan to gry cr-grn ss interbedded w/gry sh.
2887	4535	1648	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
4535	4710	175	Cliff House ss. Gry, fine-grn, dense sll ss.
4710	5207	497	Menefee form. Gry, fine-grn s, carb sh & coal.
5207	5328	121	Point Lookout form. Gry, very fine sll ss w/frequent sh breaks.
5328	6342	1014	Menefee form. Gry, fine-grn s, carb sh & coal.
6342	7153	811	Gallup form. Lt gry to brn calc barbmicac glauco very fine gry ss w/irreg interbed sh.
7153	7209	56	Greenhorn form. Highly calc gry sh w/thin lmt.
7209	7350	141	Graneros form. Dk gry shale, fossil & 1/2 carb w/pyrite incl.
7350	7500	150	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.

(OVER)

SEP 4 1959

NEW YORK, N.Y. (AP) —

-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

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued