Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078204
Unit

RECEIVED
AUG 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(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 ~~N~~ S line and 990 ft. from ~~E~~ W line of sec. 21

SW/4 Sec. 21 (¼ Sec. and Sec. No.) 30N (Twp.) 10W (Range) N.M.P.M. (Meridian)

Basin Dakota (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

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 jobs, 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.

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OIL CON. COM.
DIST. 3

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 D. W. Meehan

Title Petroleum Engineer

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

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

RECEIVED
OCT 4 1962
U.S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company 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(OWWO) Sec. 21 T. 30N R. 10W Meridian N.M.P.M. County San Juan
Location 990 ft. [N. ~~S~~] of S Line and 990 ft. [E. ~~W~~] 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 Finished drilling 1-4-53
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 From—	Perforated To—	Purpose
9 5/8"	25.4	8 rd	H-40	173	Howco				Surface
7"	23.26	8 rd	J-55	5065	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 gas ____

Rock 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 sil ss.
4710	5207	497	Menefee form. Gry, fine-grn s, carb sh & coal.
5207	5328	121	Point Lookout form. Gry, very fine sil 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 lmst.
7209	7350	141	Graneros form. Dk gry shale, fossil & carb w/prite 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)

16—43094-5

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.