

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 078135
Unit Aeris

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
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>water fracture</u>

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

March 23, 1956

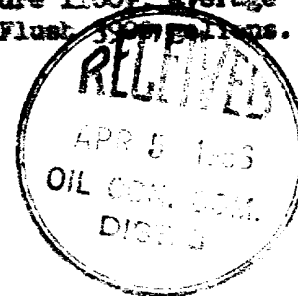
Well No. 3-A is located 1650 ft. from XXXX line and 390 ft. from E line of sec. 22
30N 11W N4PM
 (Twp.) (Range) (Meridian)
Aztec P.C. San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5648 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)

3-7-56 Total Depth 2300'.
 water fractured Pictured Cliffs from 2258' to 2300' with 36,730 gallons water
 and 60,000# sand. Breakdown pressure 750#, maximum pressure 1100#, average
 treating pressure 900#. Injection rate 65.5 bbls./min. Fluid 3000 gallons.
 Natural gas 62 MCF/D.



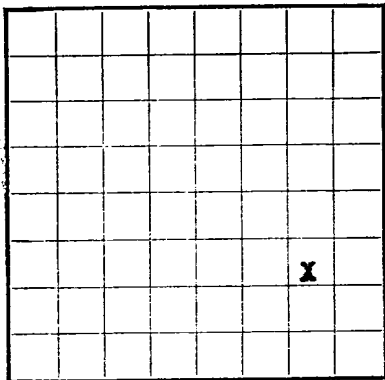
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company

Address Box 997
Farmington, New Mexico

By [Signature]
 Petroleum Engineer

Title



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078138
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Morris Field Astec P.C. State New Mexico
Well No. 8-A Sec. 22 T. 30N R. 11W Meridian NPM County San Juan
Location 1650 ft. ^[N.] of 8 Line and 890 ft. ^[E.] of 2 Line of Section 22 Elevation 5848 ft.
(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 [Signature]
Date April 6, 1956 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling February 19, 1956 Finished drilling March 6, 1956

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2250 to 2300 (G) 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8"	25.4#	P.E.	S.W.	121'	Hoveco			Surface
7"	12.0#	8.625	5.175	2255'	Hardy			24 1/2" 58.5'
1 1/4"	2.3#	8.80	Grade B	2255'				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
7"	2252'	150	Single Stage		

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 Well History				

TOOLS USED

Rotary tools were used from 0 feet to 2255 feet, and from _____ feet to _____ feet
Cable tools were used from 2255 feet to 2300 feet, and from _____ feet to _____ feet

DATES

March 6, 1956 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 4,207,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 649

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	435	435	Tan cr-grn ss w/thin sh breaks.
435	720	285	Variegated sh w/thin ss breaks.
720	845	125	Tan to gry cr-grn ss interbedded w/gry sh.
845	953	108	Ojo Alamo ss. White cr-grn s.
953	1845	892	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1845	2250	405	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2250	2300	50	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

UNITED STATES
OIL COMMISSION
DIST. 3
GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

[illegible]

LOCATE WELL CORRECTLY

Continued drilling ... 1911 ... Finished drilling ... 1911 ... The summary on this page is for the condition of the well at above date.

(C) yd 209 alosaG)

IMPORTANT WATER SANITATION

No. 8-6000 Natural Gas 62 MCF/D.

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 pigs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling or shots.

[Faint, illegible text from bleed-through]

FROM-	TO-	TOTAL FEET	FORMATION RECORDED	EMPLOYEES	DATES	TOOLS USED	STROPPING RECORD	ADAP OR - 2/10	Heavy plug - 1/10	PLUGS AND ADAPTS	Amount of mud used	Amount of cement used
1520	1530	10	1520-1530	Driller	10-11-1917	10-11-1917	10-11-1917	10-11-1917	10-11-1917	10-11-1917	10-11-1917	10-11-1917
1530	1540	10	1530-1540	Driller	11-12-1917	11-12-1917	11-12-1917	11-12-1917	11-12-1917	11-12-1917	11-12-1917	11-12-1917
1540	1550	10	1540-1550	Driller	12-13-1917	12-13-1917	12-13-1917	12-13-1917	12-13-1917	12-13-1917	12-13-1917	12-13-1917
1550	1560	10	1550-1560	Driller	13-14-1917	13-14-1917	13-14-1917	13-14-1917	13-14-1917	13-14-1917	13-14-1917	13-14-1917
1560	1570	10	1560-1570	Driller	14-15-1917	14-15-1917	14-15-1917	14-15-1917	14-15-1917	14-15-1917	14-15-1917	14-15-1917
1570	1580	10	1570-1580	Driller	15-16-1917	15-16-1917	15-16-1917	15-16-1917	15-16-1917	15-16-1917	15-16-1917	15-16-1917
1580	1590	10	1580-1590	Driller	16-17-1917	16-17-1917	16-17-1917	16-17-1917	16-17-1917	16-17-1917	16-17-1917	16-17-1917
1590	1600	10	1590-1600	Driller	17-18-1917	17-18-1917	17-18-1917	17-18-1917	17-18-1917	17-18-1917	17-18-1917	17-18-1917
1600	1610	10	1600-1610	Driller	18-19-1917	18-19-1917	18-19-1917	18-19-1917	18-19-1917	18-19-1917	18-19-1917	18-19-1917
1610	1620	10	1610-1620	Driller	19-20-1917	19-20-1917	19-20-1917	19-20-1917	19-20-1917	19-20-1917	19-20-1917	19-20-1917
1620	1630	10	1620-1630	Driller	20-21-1917	20-21-1917	20-21-1917	20-21-1917	20-21-1917	20-21-1917	20-21-1917	20-21-1917
1630	1640	10	1630-1640	Driller	21-22-1917	21-22-1917	21-22-1917	21-22-1917	21-22-1917	21-22-1917	21-22-1917	21-22-1917
1640	1650	10	1640-1650	Driller	22-23-1917	22-23-1917	22-23-1917	22-23-1917	22-23-1917	22-23-1917	22-23-1917	22-23-1917
1650	1660	10	1650-1660	Driller	23-24-1917	23-24-1917	23-24-1917	23-24-1917	23-24-1917	23-24-1917	23-24-1917	23-24-1917
1660	1670	10	1660-1670	Driller	24-25-1917	24-25-1917	24-25-1917	24-25-1917	24-25-1917	24-25-1917	24-25-1917	24-25-1917
1670	1680	10	1670-1680	Driller	25-26-1917	25-26-1917	25-26-1917	25-26-1917	25-26-1917	25-26-1917	25-26-1917	25-26-1917
1680	1690	10	1680-1690	Driller	26-27-1917	26-27-1917	26-27-1917	26-27-1917	26-27-1917	26-27-1917	26-27-1917	26-27-1917
1690	1700	10	1690-1700	Driller	27-28-1917	27-28-1917	27-28-1917	27-28-1917	27-28-1917	27-28-1917	27-28-1917	27-28-1917
1700	1710	10	1700-1710	Driller	28-29-1917	28-29-1917	28-29-1917	28-29-1917	28-29-1917	28-29-1917	28-29-1917	28-29-1917
1710	1720	10	1710-1720	Driller	29-30-1917	29-30-1917	29-30-1917	29-30-1917	29-30-1917	29-30-1917	29-30-1917	29-30-1917
1720	1730	10	1720-1730	Driller	30-31-1917	30-31-1917	30-31-1917	30-31-1917	30-31-1917	30-31-1917	30-31-1917	30-31-1917
1730	1740	10	1730-1740	Driller	31-32-1917	31-32-1917	31-32-1917	31-32-1917	31-32-1917	31-32-1917	31-32-1917	31-32-1917

REC'D - WEEK