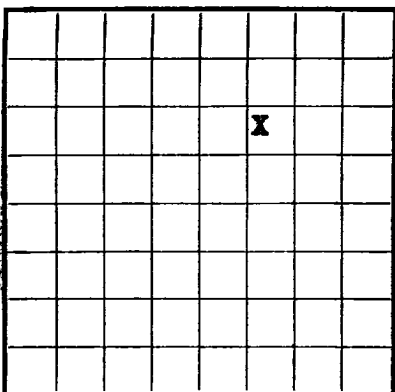




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078138
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas company Address Box 997, Farmington, New Mexico
Lessor or Tract Rosa Pool Unit Field AZtec P.C. State New Mexico
Well No. 1 Sec 23 T 30N R. 11W Meridian NMPM County San Juan
Location 1625 ft. S. of N. Line and 1650 ft. W. of E. Line of Section 23 Elevation 6047'
(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 D. R. EdwardsDate July 11, 1955Title Petroleum Engineer

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

Commenced drilling April 9, 1955 Finished drilling April 26, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2469 to 2534 (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	Depth of shoe	Out and pulled from	Perforated from	To	Purpose
9 5/8"	25.4#	P.E.	S.W.	120	Howco				Surface
5 1/2"	15.0#	P.E.	S.W.	120	Howco				2471
1"	1.68#	10 RD	Std. H.K.	2525'					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"	130	100	Circulated		
5 1/2"	2471	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 2471 feet, and from _____ feet to _____ feetCable tools were used from 2471 feet to 2535 feet, and from _____ feet to _____ feet

DATES

_____ April 27, 1955 Put to producing 1st Delivery 7-18-55, 1955

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 5,548,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 679

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	840	840	Tan cr-grn ss w/thin sh breaks.
840	880	40	Variegated sh w/thin ss breaks.
880	1105	225	Tan to gry cr-grn ss interbedded w/gry sh.
1105	1220	115	Ojo Alamo ss. White crgrn s.
1220	2155	935	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2155	2469	314	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2469	2534	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored, soft ss.
2534	2535 T.D.	1	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FROM—

TO—

TOTAL FEET

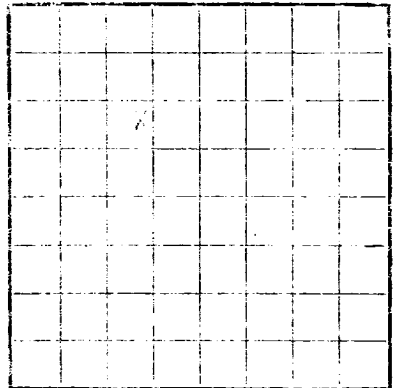
[OVER]

FORMATION

16-43094-3

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Completed drilling _____, 19____. Finished drilling _____, 19____.

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

Date _____, 19____.

(Detroit: 1974)

IMPORTANT WATER SOUNDS

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 bridging.
Area 11-86 Well No. Total Depth 1955 Oilfield No. 25354	Area 11-86 Well No. Total Depth 25354	Area 11-86 Well No. Total Depth 25354

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

Item Name	Quantity	Unit	Price	Total
1. Cement	100	kg	1.50	150.00
2. Sand	200	kg	0.50	100.00
3. Gravel	300	kg	0.80	240.00
4. Labor	10	hr	10.00	100.00
5. Water	100	kg	0.05	5.00
6. Total				495.00

State	Shells used	Explosives used	Ammunitions	Boats	Boat destroyed	Boats captured and
		60	100			

[illegible]

It gas well on 11 per cent. water and 11 per cent. sediment.	Gas well on 11 per cent. water and 11 per cent. sediment.
The production for the first 24 hours was	The production for the first 24 hours was
1000 cu. ft. of gas and 1000 cu. ft. of water.	1000 cu. ft. of gas and 1000 cu. ft. of water.
Part to production	Part to production

Drift			
Drift			

FROM—	TO—	TOTAL FEET	FORMATION
2500	2475	25	Shale, gray, thin bedded, with thin layers of sandstone.
2400	2375	25	Shale, gray, thin bedded, with thin layers of sandstone.
2300	2275	25	Shale, gray, thin bedded, with thin layers of sandstone.
2200	2175	25	Shale, gray, thin bedded, with thin layers of sandstone.
2100	2075	25	Shale, gray, thin bedded, with thin layers of sandstone.
2000	1975	25	Shale, gray, thin bedded, with thin layers of sandstone.
1900	1875	25	Shale, gray, thin bedded, with thin layers of sandstone.
1800	1775	25	Shale, gray, thin bedded, with thin layers of sandstone.
1700	1675	25	Shale, gray, thin bedded, with thin layers of sandstone.
1600	1575	25	Shale, gray, thin bedded, with thin layers of sandstone.
1500	1475	25	Shale, gray, thin bedded, with thin layers of sandstone.
1400	1375	25	Shale, gray, thin bedded, with thin layers of sandstone.
1300	1275	25	Shale, gray, thin bedded, with thin layers of sandstone.
1200	1175	25	Shale, gray, thin bedded, with thin layers of sandstone.
1100	1075	25	Shale, gray, thin bedded, with thin layers of sandstone.
1000	975	25	Shale, gray, thin bedded, with thin layers of sandstone.
900	875	25	Shale, gray, thin bedded, with thin layers of sandstone.
800	775	25	Shale, gray, thin bedded, with thin layers of sandstone.
700	675	25	Shale, gray, thin bedded, with thin layers of sandstone.
600	575	25	Shale, gray, thin bedded, with thin layers of sandstone.
500	475	25	Shale, gray, thin bedded, with thin layers of sandstone.
400	375	25	Shale, gray, thin bedded, with thin layers of sandstone.
300	275	25	Shale, gray, thin bedded, with thin layers of sandstone.
200	175	25	Shale, gray, thin bedded, with thin layers of sandstone.
100	75	25	Shale, gray, thin bedded, with thin layers of sandstone.
0	0	0	Shale, gray, thin bedded, with thin layers of sandstone.

FORMATION

JOHN LEE

100
