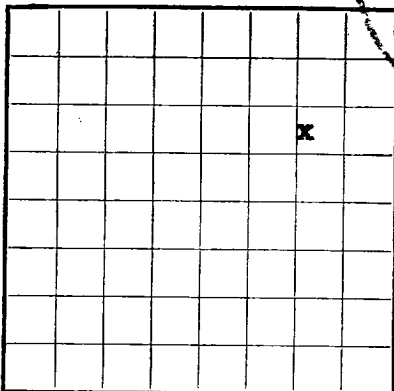
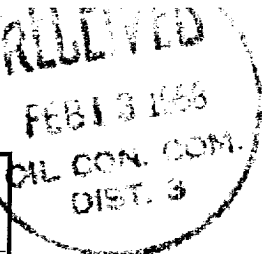




LOCATE WELL CORRECTLY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 080712-A
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Barron Kidd Field Blanco State New Mexico
Well No. 7 Sec. 21 T. 30N R. 6W Meridian N.M.B.M. County Rio Arriba
Location 1650 ft. S. of N Line and 1180 ft. E of E Line of Sec. 21 Elevation 6457
(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 _____

Date February 7, 1958 Original Signed _____

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

Commenced drilling 12-2-, 19 57 Finished drilling 12-26-, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3389 to 3458 (G) No. 4, from 5591 to 5755 (G)
No. 2, from 5275 to 5305 (G) No. 5, from _____ to _____
No. 3, from 5305 to 5591 (G) 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—	
10 3/4"	32.75	P.E.	S.W.	162'	Howco				Surface
7 5/8"	26.4	8 Rd.	J-55	3567'	Baker				Prod. csg.
5 1/2"	15.5	8 Rd.	J-55	2288'	Baker				Prod. Liner
HI-LOCK CEMENT RECORD									
2"	4.7	8 Rd.	J-55	5736					Prod. tbgs.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	150	Circulated		
7 5/8"	3577'	250	Single stage		
5 1/2"	3537-5825'	300	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

Gas Drilled

Rotary tools were used from 175 feet to 3579 feet, and from 3579 feet to 5828 feetCable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

1-5-, 19 58 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 4,001,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1040 A.O.F.--7038 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2484	2484	Tan to gry cr-grn ss interbedded w/gry sh.
2484	2585	101	Ofo Alamo ss. White cr-grn s.
2585	3081	496	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3081	3389	308	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3389	3458	69	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3458	5275	1817	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks
5275	5305	30	Cliff House ss. Gry, fine-grn, dense silss.
5305	5591	286	Menefee form. Gry, fine-grn s, carb sh and coal.
5591	5755	164	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5755	5828	73	Mancos formation. Gry carb sh.

(OVER)

10-43094-4

FROM-	TO-	TOTAL FEET	FORMATION
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-OL

TOTAL EFFECT

FORMATION

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1863. It is a very important document, as it contains the President's views on the war and the future of the country. 2. The second part of the document is a report from the Secretary of the War Department, dated January 10, 1863. It contains a detailed account of the military operations of the Union Army during the year 1862. 3. The third part of the document is a report from the Secretary of the Navy Department, dated January 15, 1863. It contains a detailed account of the naval operations of the Union Navy during the year 1862. 4. The fourth part of the document is a report from the Secretary of the Department of the Interior, dated January 20, 1863. It contains a detailed account of the land and mineral resources of the United States. 5. The fifth part of the document is a report from the Secretary of the Department of the Treasury, dated January 25, 1863. It contains a detailed account of the financial operations of the United States government during the year 1862. 6. The sixth part of the document is a report from the Secretary of the Department of Justice, dated January 30, 1863. It contains a detailed account of the legal operations of the United States government during the year 1862. 7. The seventh part of the document is a report from the Secretary of the Department of Education, dated February 5, 1863. It contains a detailed account of the educational operations of the United States government during the year 1862. 8. The eighth part of the document is a report from the Secretary of the Department of Agriculture, dated February 10, 1863. It contains a detailed account of the agricultural operations of the United States government during the year 1862. 9. The ninth part of the document is a report from the Secretary of the Department of Commerce, dated February 15, 1863. It contains a detailed account of the commercial operations of the United States government during the year 1862. 10. The tenth part of the document is a report from the Secretary of the Department of the Army, dated February 20, 1863. It contains a detailed account of the military operations of the United States Army during the year 1862.	1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1863. It is a very important document, as it contains the President's views on the war and the future of the country. 2. The second part of the document is a report from the Secretary of the War Department, dated January 10, 1863. It contains a detailed account of the military operations of the Union Army during the year 1862. 3. The third part of the document is a report from the Secretary of the Navy Department, dated January 15, 1863. It contains a detailed account of the naval operations of the Union Navy during the year 1862. 4. The fourth part of the document is a report from the Secretary of the Department of the Interior, dated January 20, 1863. It contains a detailed account of the land and mineral resources of the United States. 5. The fifth part of the document is a report from the Secretary of the Department of the Treasury, dated January 25, 1863. It contains a detailed account of the financial operations of the United States government during the year 1862. 6. The sixth part of the document is a report from the Secretary of the Department of Justice, dated January 30, 1863. It contains a detailed account of the legal operations of the United States government during the year 1862. 7. The seventh part of the document is a report from the Secretary of the Department of Education, dated February 5, 1863. It contains a detailed account of the educational operations of the United States government during the year 1862. 8. The eighth part of the document is a report from the Secretary of the Department of Agriculture, dated February 10, 1863. It contains a detailed account of the agricultural operations of the United States government during the year 1862. 9. The ninth part of the document is a report from the Secretary of the Department of Commerce, dated February 15, 1863. It contains a detailed account of the commercial operations of the United States government during the year 1862. 10. The tenth part of the document is a report from the Secretary of the Department of the Army, dated February 20, 1863. It contains a detailed account of the military operations of the United States Army during the year 1862.
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1-2-58 T.P. 9228. C.O. 5780. Water Frac. M.V. Perf. Int. 2 shots/ft.
71,500 gal. water, 60,000# sand. B.D.P. 1750 P.S.I. Max. Pr.
3100 P.S.I. Avg. Tr. Pr. 1000, 1100, 1200, 1400, 1200, 2000,
2400. I.R. 66 B.P.M. Flush 6000 gal. dropped 10 sets of 16
balls each, for 7 stages.
5274-5280; 5298-5304; 5330-5542; 5598-5618; 5626-5638; 5642-5652;
5660-5674; 5710-5722; 5734-5754.

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

T.P. 9828. C.O. 5780. Water Frac. M.V. Perf. Int. 2 shots/ft. water, 60,000# sand. B.D.P. 1750 P.S.I. Max. Pr. 3100 P.S.I. Avg. Tr. 1000, 1100, 1200, 1400, 1500, 2000, 2700. I.B. 66 B.P.M. Flush 6000 gal. dropped 10 sets of 16 balls each, for 7 stages. 5276-5290; 5298-5304; 5330-5542; 5598-5618; 5626-5638; 5642-5652; 5660-5674; 5710-5722; 5734-5754.