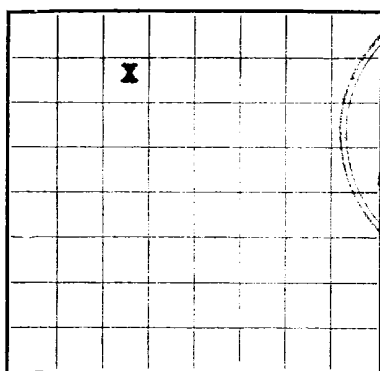
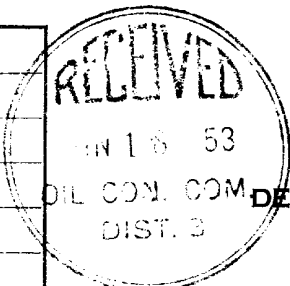
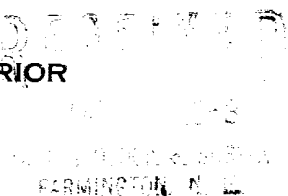




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077386-A
LEASE OR PERMIT TO PROSPECT _____UNITED 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 Rowley Field Fulcher-Kutz State New Mexico
Well No. 1-B Sec. 21 T. 27N R. 10W Meridian N. M. P. M. County San Juan
Location 990 ft. xxxxx of N Line and 1650 ft. xxxxx of W Line of Section 21 Elevation 6022
(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. E. Jockett
Title Petroleum Engineer.Date May 6, 1953

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

Commenced drilling February 22, 1953 Finished drilling February 26, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1792 to 1846 (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 330 to 345 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—	
8 5/8	24	8	Spang	126'	ARMCO				Surface Prod. Csg.
5 1/2	15.5	8	Spang	1789'	BAKER				
1"	1.68	8	Std. Blm	1849'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	131'	75 sks	Circulated		
5 1/2	1794'	150 sks	Sing. 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
Quart	Regular	S. N. G.	125	3-11-53	1796-1846	1846

TOOLS USED

Rotary tools were used from 0 feet to 1794 feet, and from _____ feet to _____ feetCable tools were used from 1794 feet to 1846 feet, and from _____ feet to _____ feet

DATES

March 12, 1953 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 362,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 558

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	410	410	Tan cr-grn ss w/thin sh breaks.
410	525	115	Variegated sh w/thin ss breaks.
525	775	250	Tan to gry cr-grn ss interbedded w/gry sh.
775	930	155	Ojo Alamo ss. Wh cr-grn s. Top Ojo Alamo 775.
930	1495	565	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 930.
1495	1792	297	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 1495.
1792	1846 T.D.	54	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 1792. Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 1846.

U.S. LAND OFFICE
BUREAU NUMBER
003-100

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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. E. Chubb

Location _____ of _____ N. 1/4 and _____ E. 1/4 of _____ W. 1/4 of _____ Section _____ Township _____ Range _____ Meridian _____ N. E. P. M. _____ County _____ San Juan _____

Well No. _____ 1-B Sec. _____ T. 27N. R. 10W. Meridian _____ N. E. P. M. _____ County _____ San Juan _____

Lessors or Third Parties _____ Ramsey _____ Field _____ Picher-Kantz _____ State _____ New Mexico _____

Company _____ El Paso Natural Gas Company _____ Address _____ Box 307 Farmington, New Mexico _____

Commenced drilling February 22 1953 Finished drilling February 26 1953

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

Date May 6, 1953 Title Petroleum Engineer.

OIL OR GAS SANDS OR ZONES

(9) *Therapsida* (Mammalia)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

(c) 2011 No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SAVING

to	from	to	from	to	from	to	from
10	10	10	10	10	10	10	10

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, logging, and 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 bulging.

Casing per foot	Weight Thrusts per inch	Marks	Amount	Kind of shoe	Get and pulled from	Portals	To -	From -
15 1/2	3	8 inch	1500	BAKER				
2 1/2	5	8 inch	1500	ARMCO				

5-THISTON OF OIL OR GAS WELL

Sl. No.	W here set	Number bags of cement	Method used	Wind velocity	Amount of sand used
1.2	1941	50 bags	Original		
2.0	1311	45 bags	Original		

DE LIES AND ADAPTING

SHOOTING RECORD

SHOOTING RECORD

Size	Spill used	Explosives used	Quantity	Date	Depth shot	Depth cleaned out
6 1/2	Regular	U. M. G.	125	3-1-53	1,000-1340	1340

TOOLS USED

17	to	from	17	to	from
18	to	from	18	to	from
19	to	from	19	to	from
20	to	from	20	to	from
21	to	from	21	to	from
22	to	from	22	to	from
23	to	from	23	to	from
24	to	from	24	to	from
25	to	from	25	to	from
26	to	from	26	to	from
27	to	from	27	to	from
28	to	from	28	to	from
29	to	from	29	to	from
30	to	from	30	to	from
31	to	from	31	to	from
32	to	from	32	to	from
33	to	from	33	to	from
34	to	from	34	to	from
35	to	from	35	to	from
36	to	from	36	to	from
37	to	from	37	to	from
38	to	from	38	to	from
39	to	from	39	to	from
40	to	from	40	to	from
41	to	from	41	to	from
42	to	from	42	to	from
43	to	from	43	to	from
44	to	from	44	to	from
45	to	from	45	to	from
46	to	from	46	to	from
47	to	from	47	to	from
48	to	from	48	to	from
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58	to	from	58	to	from
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88	to	from	88	to	from
89	to	from	89	to	from
90	to	from	90	to	from
91	to	from	91	to	from
92	to	from	92	to	from
93	to	from	93	to	from
94	to	from	94	to	from
95	to	from	95	to	from
96	to	from	96	to	from
97					

DATA

Rock pressure, lbs. per sq. in.	750	
It gas well, cu. ft. per 24 hours	362,000	
Emulsion: % water; and % sediment		
Gravity, ° Bé.		
Barrels of fluid of which % was oil		10
Put to producing		10

EMPLOYEES

_____ _____	_____ _____	_____ _____	_____ _____
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FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
	1410	110	Tan cr-gm ss w/ thin sh breaks.
	1425	15	Variiegated sh w/ thin sh breaks.
	1475	500	Tan to gry cr-gm ss interbedded w/ gry sh.
	1930	155	0.50 Alum ss. Wn cr-gm a. To 0.50 Alum Tm.
	1495	65	Kirriand formation. Gry sh interbedded w/ light gry fine-grm ss. Top Kirriand 1930.
	1795	300	Trunkland formation. Gry sh, accreted ss and gry, light, fine-grm ss. Top Trunkland 1795.
1840 T.D.		45	Pictured cliffs formation. Gry, fine-grm, light vericolored soft ss. Top Pictured Cliffs 1840.
			Lewis formation. Gry to wh bones sh w/ thin sh shls ss breaks. Top Lewis 1885.

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	DATE	FORMATION	POST HOLE #