



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079521 - A
LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR SEP 27 1960

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 28-5 Unit Field Wildcat Dakota State New Mexico
Well No. 42(MD) Sec. 31 T. 28 R. 5 W Meridian N.M.P.M. County Rio Arriba
Location 1800 ft. N of 8 Line and 1650 ft. E of W Line of Sec. 31 Elevation 6390
(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. W. Meehan Original Signed D. W. Meehan

Date September 21, 1960 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 9-16-60, 19 6390 Finished drilling 6390, 19

OIL OR GAS SANDS OR ZONES

No. 1, from 1093 to 5020 (a) No. 2, from 738 to 736(a)
No. 2, from 5018 to 5352 (a) No. 4, from 736 to 7632 (a)
No. 3, from 5352 to 5551 (a) No. 6, from 736 to 7632 (a)

IMPORTANT WATER SANDS

No. 1, from 5018 to 5551 No. 3, from 5551 to 6204
No. 2, from 5551 to 6204 No. 4, from 6204 to 6997

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
10 3/8"	54.5	8 RA.	J-55	900	Blower				intake
9 5/8"	45	8 RA.	J-55	870	Blower				intake
7"	25	8 RA.	J-55	731	Blower				prod. casing
5"	15	8 RA.	J-55	306	Blower				prod. liner
2"	4.7	8 RA.	J-55	7555	Blower				prod. tubing
2"	4.7	8 RA.	J-55	5462	Blower				prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	316	1566	circulated		
9 5/8"	389	290	single stage		
7"	738	400	two stage & squeeze		
5"	7300-7606	110	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size Baker Model "D" packer @ 6925

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>See Well History</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3386 feet, and from 3386 Gas Drilled 7632 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-11, 1960 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 4,210,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1160

EMPLOYEES A.O.F. - M-7452
D-9226
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2507	2507	Tan to gry cr-grn ss interbedded w/gry sh.
2507	2623	116	Ojo Alamo ss. White cr-grn s.
2623	2915	292	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2915	3167	252	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3167	3289	122	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
3289	4953	1664	Lewis form. Gry, fine-grn, dense sil ss.
4953	5018	65	Cliff House ss. Gry, fine-grn, dense sil ss.
5018	5352	334	Manatee form. Gry, fine-grn s, carb sh & coal.
5352	5551	199	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5551	6204	653	Mancos form. Gry carb sh.
6204	6997	793	Gallup form. Lt gry to brn calc carb micac glance very fine gry ss w/irreg. interbed. sh.
6997	7288	291	Sanostee form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg.inter.dk gry s.
7288	7340	52	Greenhorn form Highly calc gry sh w/thin lmst.
7340	7436	96	Graneros form. Dk gry shale, fossil & carb w/prite incl.
7436	7632	196	Bakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

