

U. S. LAND OFFICE SF
SERIAL NUMBER 073372-A
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Frontier Field Undesignated Gallup State New Mexico
Well No. 2-6 (00) Sec. 9 T. 27N R. 11W Meridian NMPM County San Juan
Location 790 ft. ^{XX} of N Line and 790 ft. ^{XX} of W Line of Section 9 Elevation 6171'
(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 JOSEPH E. KUEGER Title Petroleum Engineer

Date April 28, 1959

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

Commenced drilling March 2, 1959 Finished drilling March 19, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5324' to 5378' No. 4, from _____ to _____
No. 2, from 5006' to 6550' (G) 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
							From-	To-	
10-3/4	32.75	8 wt.	J-55	179	Baker				Surface ss.
7	28.00	8 wt.	J-55	5686	Baker		5854	6550	Producing.
			N-80	1019					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	192	200	Circulated		
7	671	200 - 1st Stage 100 - 2nd Stage	Two-Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material Baker model "D" Packer Size 2-3/8" x 7" At 641'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 6722 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 6, 1959 Put to producing April 15, 1959

The Gallup production for the first 24 hours was 305 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 6,072 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	329	329	Interbedded sandstone and shale.
329	393	69	Ojo Alamo ss. White, coarse grained sand.
393	1720	322	Kirtland Form. Gy. sh. incl. with tight gy. FG ss.
1720	1905	185	Fruitland Form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1905	2055	150	Pictured Cliffs Form. Gy., FG, tight, varicolored soft ss.
2055	2856	801	Lewis Form. Gy. to wh. ds. sh. w/silty to shaley ss. breaks.
2856	4393	1537	Mesa Verde Form. Gy., FG, ds. silty ss., carb. shale and coal.
4393	4647	254	Point Lookout Form. Gy., v/fn. silty ss. w/ freq. shale breaks.
4647	5513	366	Mancos Form. Gy. carb. shale.
5513	5991	478	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
5991	6348	357	Sanstee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. incl. dk. gy. ss.
6348	6400	52	Greenhorn Form. Highly calc. gy. sn. w/thin ls.
6400	6503	103	Graneros Form. Dk. gy. sh., fossil & Carb. w/pyrite inclusion.

FOLD MARK



ORIGINAL SIGNED BY: STEPHEN E. KRIEGER

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 bailing.

FORMATION TEST

3-20-33 Kan wireline formation tester. Tester at 5669'. Sampling unit size - 3-1/2" dia. Sampling pressure 60 psi. SIP - 1645 psi. Surface pressure 60 psi. Tool open 15 min. Recovery 0.05% gas; 150 cc. oil; 11,400 cc. water; 50 cc. sand.

3-25-33 SCF 6506'-6530' w/36, 62# gals. oil & 45,000# sand; flush w/11,550 gals. oil; IR - 62.0 bpm.; WTP - 2500; BOP - 2500; ATR - 2250; dropped 60 balls twice.

3-29-33 SCF 5834'-5878' w/35,700 gals. oil & 45,000# sand; flush w/10,000 gals. oil; IR - 62.2 bpm.; WTP - 2200; BOP - 2350; ATR - 1800; dropped 32 balls two times, bridge plug at 6111'.

HISTORY OF OIL OR GAS WELL

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FROM-	TO-	TOTAL FEET	FORMATION
6508	6699	191	Dakota Form. Lt. to dk. gy. loss. carb. sl./calc. sl./silty ss. w/pyrite inclusion, thin sh. bands clay and shale breaks.
6699	6722	23	Morrison Form. Inbd. gn. brn. and red waxy sh. 4 in. to cse. gr. ss.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.