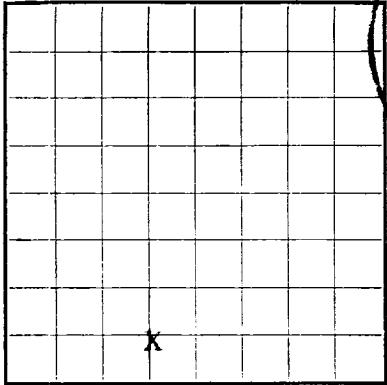
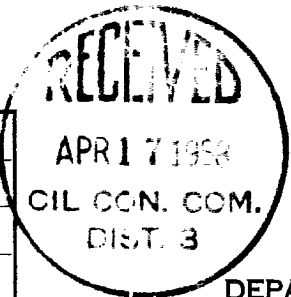




LOCATE WELL CORRECTLY



U. S. LAND OFFICE SF
SERIAL NUMBER 080384-B
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 156., Farmington, New Mexico
Lessor or Tract Hickman Field Undesignated State New Mexico
Well No. 4-A Sec. 3 T. 26N R. 12W Meridian NMPM County San Juan
Location 660 ft. N. of S. Line and 1980 ft. E. of W. Line of Section 3 Elevation 6081'
(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 ORIGINAL SIGNED BY: JOSEPH E. KREGER

Date April 15, 1958 Title Petroleum Engineer

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

Commenced drilling March 2, 1958 Finished drilling March 16, 1958

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5182' to 5222' 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	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.75#	P.B.	S.W.	161'	Baker				Surface Csg.
8-1/2"	15.50#	8 Rd.	J-55	5264'	Baker		5182'	5222'	Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	173'	150	Circulated		
8-1/2"	5274'	300	Single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material Baker EOJ Prod. Packer Size 2-3/8" X 8-1/2" set at 5084'

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See "Remarks"			

TOOLS USED

Rotary tools were used from 0 feet to 5276 feet, and from _____ feet to _____ feet

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

DATES

March 28, 1958 Put to producing April 12, 1958

The production for the first 24 hours was 72 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, B6° API 40.2

If gas well, cu. ft. per 24 hours _____ 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	210	210	Interbedded sandstone and shale.
210	433	223	Cjo Alamo ss. White, coarse grained sand.
433	994	561	Kirtland form. Gy. sh. inba. with tight gy. FG ss.
994	1394	400	Fruitland form. Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1394	1480	86	Pictured Cliffs form. Gy., FG, tight, vari-colored soft ss.
1480	2229	749	Lewis form. Gy. to white ds. sh. w/silty to shaley ss breaks.
2229	3882	1553	Mesa Verde form. Gy., FG, ds. silty ss., carb. shale and coal.
3882	4085	176	Point Lookout form. Gy., v/m. silty ss. w/frequent shale breaks.
4085	4946	361	Mancos form. Gy. carb. shale.
4946	5276	350	Gallup form. Lt. gy. to brn. calc. carb. micaceous glauconitic.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

