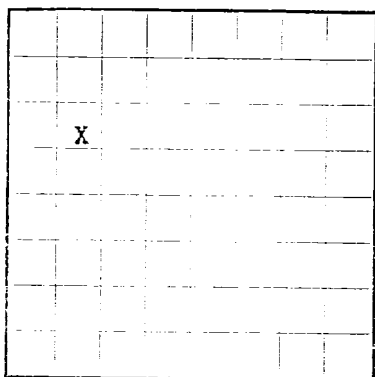


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03017
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 200, Farmington, New Mexico
Lessor or Tract Hiernano Unit Field Basin Dakota State New Mexico
Well No. 128 Sec. 36 T. 27N R. 10W Meridian N.M.P.M. County San Juan
Location 1550 ft. S. of N. Line and 115 ft. E. of W. Line of Section 36 Elevation 6532
XXX (Elevation 3200 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 OSCAR A. WILKES Title Petroleum EngineerDate Ma. 23, 1963

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

Commenced drilling 4-1-63, 1963 Finished drilling 4-30, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6602 to 6773 (G) No. 4, from _____ to _____
No. 2, from 6773 to 6939 (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—	
9 5/8"	40	8 rd	J-55	297	HOWCO				Surface
h 1 1/2"	10.5, 11.5	8 rd	J-55	6926	Baker				Production
2 3/8"	4.4	rd	J-55	5848					Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	311	200	circulated		
h 1 1/2"	5939	50	3 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
Perf. 6690-96; 6777-83; 6799-6805; 6864-76 w/2 SDJ/ft. Frac w/53,810 gal wtr., 3# FR-4/100 gal 30,000# 40/50 sd. Flush w/5000 gal. IR 23.7 BPM. MP 4000# BDP 1100#, TP 3800-4000#. Dropped 2 sets of 10 balls. Well blocked off before sand hit, bled off & broke down, balled off on 2nd drop.						

TOOLS USED

Rotary tools were used from 0 feet to 5939 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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 3,299,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 961 lb. Cal. A.O.F. 3752 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	0	1307	Ojo Alamo
1307	147	163	Kiruland
1470	2130	560	Fruitland
2130	2272	142	Pictured Cliffs
2272	2339	67	Lewis
2339	3046	1507	C Cliff House
3046	3916	70	Monefee
3916	4650	734	Point Lookout
4650	4810	150	Mancos
4810	5770	950	Gallup
5770	6610	840	Greenhorn
6610	6660	50	Graneros
6660	6773	113	Dakota
6773	6839	166	

