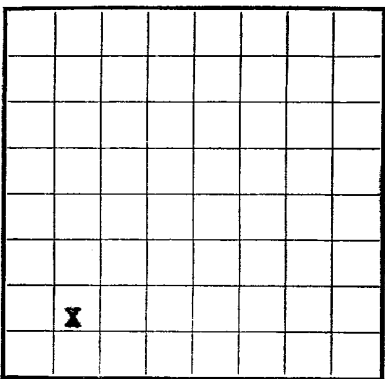


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080670
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 27-4 Unit Field Blanco Mesa Verde State New Mexico
Well No. 25 Sec. 30 T. 27-N R. 4-W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. [N.] of S Line and 1180 ft. [E.] of W Line of Sec. 30 Elevation 6769
(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: D.H. Ghain

Date November 23, 1960 Title Petroleum Engineer

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

Commenced drilling 10-3-60, 19____ Finished drilling 10-12, 1960

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

No. 1, from 3562 to 3733 (G) No. 4, from 5731 to 5914 (G)
No. 2, from 5262 to 5387 (G) No. 5, from _____ to _____
No. 3, from 5387 to 5731 (G) 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	J-55	197	Ball	3562			Art. 1
7 5/8"	22.1	8	J-55	375	Ball	3733			Intermediate
5 1/2"	15.5	8	J-55	228	Ball	5387			prod. liner
2"	4.7	8 Rd.	J-55	5881					prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	133	197	circulated		
7 5/8"	3757	90	single stage		
5 1/2"	3716-5942	215	single 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
		See Well History				

TOOLS USED

Rotary tools were used from _____ feet to 3758 feet, and from 3758 feet to 5944 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

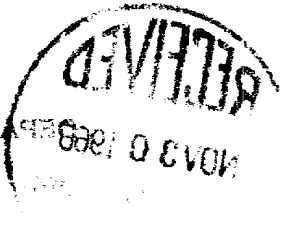
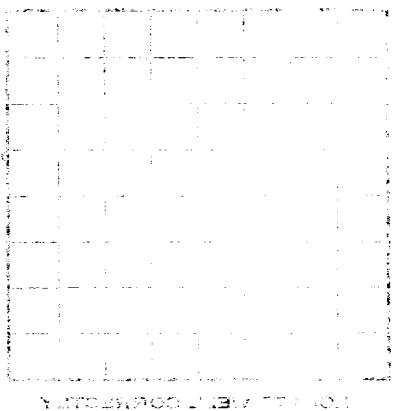
10-17-, 1960 Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 3,494,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1150 A.01F. 5021 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3028	3028	Tan to gry cr-grn ss interbedded w/gry sh.
3028 Est.	3185	157	Ojo Alamo ss. White cr-grn s.
3185 Est.	3403	218	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3403 Est.	3562	159	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3562	3733	171	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
3733	5262	1529	Lewis form. Gry, fine-grn, dense sil ss
5262	5387	125	Cliff House ss. Gry, fine-grn, dense sil ss.
5387	5731	344	Manatee form. Gry, fine-grn s, carb sh & coal.
5731	5914	183	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5914	5944	30	Mancos form. Gry carb sh.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

On page 1 of 2, the history of the well is given. The well was drilled by the American Petroleum Institute, Inc., for the purpose of testing for oil and gas. The well was drilled to a depth of 1,000 feet. The well was drilled in the State of Texas, in the County of Harris, in the City of Houston. The well was drilled in the year 1968. The well was drilled by the American Petroleum Institute, Inc., for the purpose of testing for oil and gas. The well was drilled to a depth of 1,000 feet. The well was drilled in the State of Texas, in the County of Harris, in the City of Houston. The well was drilled in the year 1968.

OIL OR GAS WELLS FOR WORKERS

1. Name of well: 5877-5881; 5880-5882; 5883-5884; 5885-5886; 5887-5888; 5889-5890; 5891-5892; 5893-5894; 5895-5896; 5897-5898; 5899-5900; 5901-5902; 5903-5904; 5905-5906; 5907-5908; 5909-5910; 5911-5912; 5913-5914; 5915-5916; 5917-5918; 5919-5920; 5921-5922; 5923-5924; 5925-5926; 5927-5928; 5929-5930; 5931-5932; 5933-5934; 5935-5936; 5937-5938; 5939-5940; 5941-5942; 5943-5944; 5945-5946; 5947-5948; 5949-5950; 5951-5952; 5953-5954; 5955-5956; 5957-5958; 5959-5960; 5961-5962; 5963-5964; 5965-5966; 5967-5968; 5969-5970; 5971-5972; 5973-5974; 5975-5976; 5977-5978; 5979-5980; 5981-5982; 5983-5984; 5985-5986; 5987-5988; 5989-5990; 5991-5992; 5993-5994; 5995-5996; 5997-5998; 5999-6000; 6001-6002; 6003-6004; 6005-6006; 6007-6008; 6009-6010; 6011-6012; 6013-6014; 6015-6016; 6017-6018; 6019-6020; 6021-6022; 6023-6024; 6025-6026; 6027-6028; 6029-6030; 6031-6032; 6033-6034; 6035-6036; 6037-6038; 6039-6040; 6041-6042; 6043-6044; 6045-6046; 6047-6048; 6049-6050; 6051-6052; 6053-6054; 6055-6056; 6057-6058; 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