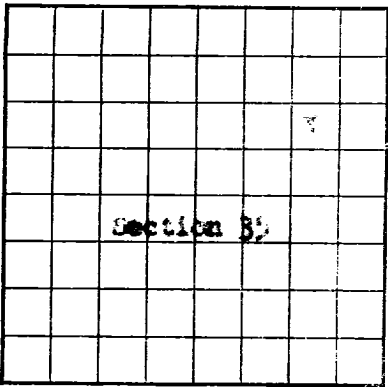
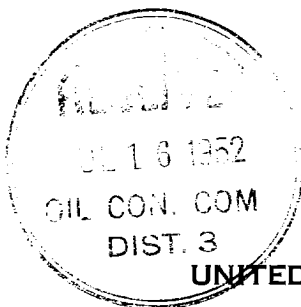




LOCATE WELL CORRECTLY



U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04209
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 277, Farmington, New Mexico
Lessor or Tract Sandoz Field Elanco State New Mexico
Well No. 1-A Sec. 32 T. 22N R. 2E Meridian N. M. P. M. County San Juan
Location 1500 ft. (S.) of A Line and 1000 ft. (W.) of E Line of Section 31 Elevation 6133'
(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.

Original Signed

Signed L. F. Stone

Date July 1, 1952 Title Senior Engineer

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

Commenced drilling April 12, 1952 Finished drilling June 2, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3932 to 4700 (G) 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 1449 to 1487 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	25.4	6	Armed Spiral Weld	161'	Armed				Surface
7	23	6	Young	3075'	Blanco				Production
2	4.75	6	Young	4741'	Perf. Joint		4710'	4741'	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	173'	125	Single		
7	3075'	100	Single		

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
quarts	Regular	S.H.C.	1710	5-29	3324-4700'	4700' Directional Hole
quarts	Regular	S.H.C.	350	5-5	460-4700'	4700' Vertical Hole

TOOLS USED

Rotary tools were used from _____ feet to 3075' feet, and from 3075' feet to 4700' feet D.H. & 4700' V.H.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 24, 1952 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 1,250,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 906 psi

EMPLOYEES

Reidhead, Driller Price, Driller
Heard, Driller McGuire, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	730	730	Tan coarse-grn. ss. w/thin shale breaks.
730	870	140	Varieg. shales w/thin ss. breaks.
870	1449	579	Tan to gray coarse-grn. ss. interbedded w/gray shales.
1449	1487	38	Q. o Alamo ss. White coarse-grn. sand. T/o o Alamo 1449.
1487	2077	590	Kirtland fm. Gray shale interbedded w/tight gray fine-grn. ss. T/Kirtland 1487.
2077	2326	249	Fruitland fm. Gray carb. shales, scattered coals & gray, tight, fine-grn. ss. T/Fruitland 2077.
2326	2392	66	Pictured Cliffs fm. Gray, fine-grained, tight, varicolored soft ss. T/Pictured Cliffs 2326.
2392	3932	1540	Lewis fm. Gray to white dense shale w/silty to shaly ss. breaks. T/Lewis 2392.
3932	4008	76	Cliff House fm. Gray, fine-grn. dense sil. ss. T/Cliff House 3932.
4008	4590	582	Manefee fm. Gray, fine-grn. sands, carb. shales & coal. T/Manefee 4008.
4590	4700	110	Point Lookout fm. Gray, very fine sil. ss. w/frequent shale breaks. T/Point Lookout 4590.
4700	4784	84	Mancos fm. Gray carb. shale. T/Mancos 4700.

FORMATION RECORD—Continued

[illegible]

HISTORY OF OIL OR GAS WELL.

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.