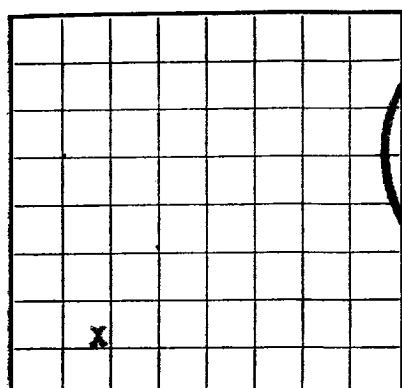
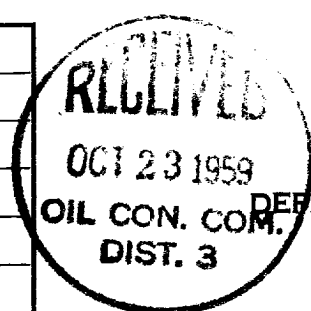




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 44089
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Federal Field Cavalin P.C. Ext State New Mexico
Well No. 19-1-A Sec. 19 T. 25N R. 1W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. ^[N.] of 8 Line and 1090 ft. ^[E.] of 4 Line of Section 19 Elevation 7452'
(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 B.H. MEANS
Signed _____

Date October 20, 1959 Title Petroleum Engineer
The summary on this page is for the condition of the well at above date.

Commenced drilling 7-28, 19 59 Finished drilling 8-2, 19 59

OIL OR GAS SANDS OR ZONES
No. 1, from 1000 to 1000 (Dense gas) No. 2, from 1000 to 1000
No. 3, from 1000 to 1000 No. 4, from 1000 to 1000
No. 5, from 1000 to 1000 No. 6, from 1000 to 1000
IMPORTANT WATER SANDS
No. 1, from 1000 to 1000 No. 2, from 1000 to 1000
No. 3, from 1000 to 1000 No. 4, from 1000 to 1000

CASING RECORD									
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	24	10	Grade "A"	3597					Stipex

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	121	100	Circulated		
5 1/2	364	165	Single St. & Sq.		

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

TOOLS USED

Rotary tools were used from 0 feet to 3645 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19 59
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 829,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 945

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3390	3390	Tan to gry cr-grn ss interbedded w/gry sh.
3390	3440	50	Ojo Alamo ss. White cr-grn s.
3440	3470	30	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3470	3550	80	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3550	3640	90	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3640	3645	5	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

FORMATION RECORD—Continued

16-42024-4

