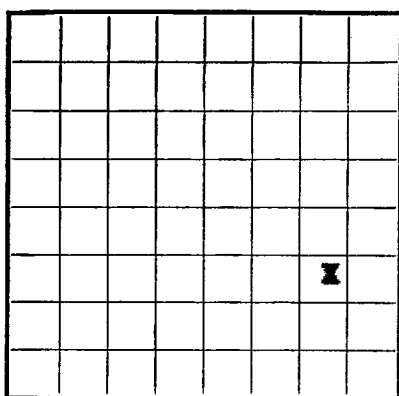




LOCATE WELL CORRECTLY



Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078987**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
ERIOR
MAY 22 1959

U. S. GEOLOGICAL SURVEY
BULLETIN 1164

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Undesignated P.C. State New Mexico
Well No. 82 Sec. 34 T. 25N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. N of 8 Line and 990 ft. EX of 8 Line of Section 34 Elevation 6926'
EX

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 C. B. COX

Date May 20, 1959 Title Petroleum Engineer

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

Commenced drilling March 23 1959 Finished drilling March 31 1959

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

No. 1, from 2502 to 2595 (a) 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 SOL. GALTINE DUN SHERWOOD, U.S.A. No. 3, from HARRY GOULDING ST. LOUIS.
 1910-1900 bet. Globes 20 pairs in two sets vol. 7 Africa.
 No. 2, from W. B. F. R. P. D. E. 1200 bet. 4, from M. J. R. 1910 bet. 5-1900.
 Regions Africa. SHAW CASINO RECORDS, Vol. A/3000 Entire Africa.

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Remarks
8 5/8"	24	8 Rd.	J-55	119'	Howe			Surface
1 1/4"	24	8 Rd.	Grade A	260'	Oil or Cve Mett			Stron

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3 5/8"	129'	82	Circulated		
5 1/2"	263'	81	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

TOOLS USED

Rotary tools were used from 130 feet to 2531 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 130 feet, and from _____ feet to _____ feet

DATES

----- April 24 -----, 1959 ----- 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 ~~5,432,000~~ Gallons gasoline per 1,000 cu. ft. of gas -----

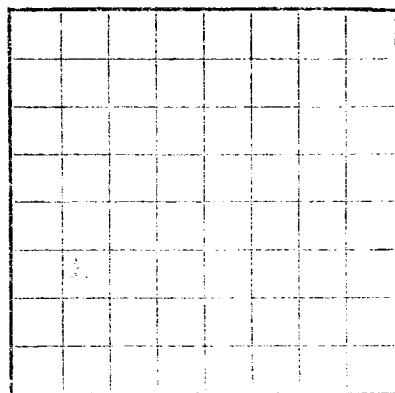
Rock pressure, lbs. per sq. in. ----- 631 ----- A.O.F. --- 10,429 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	1861	1861	Tan to gry cr-grns interbedded w/gry sh.
1861	1990	129	Ojo Alamo ss. White cr-grn s.
1990	2253	263	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2253	2502	249	Fruitland form. Gry carb sh, scattered c coals and gry, tight, fine-grn ss.
2502	2595	93	Pictured Cliffs form. Gry, fine-grn, tig varicolored soft ss.
2595	2631	36	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



4-2888-34 (10-11-64) (10-11-64)

PLEASE OR PRINT IN PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE
JAN 15 1935

RECEIVED
JAN 22 1969
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LOG OF OIL OR GAS WELL

[illegible]

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

Date _____ Title _____

02-01 11.6947 griffel bedruckt 02-01 88.6947 griffel beengedruckt

NO ZONES OF GAS OR OIL

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, from _____ to _____
 No. 6, from _____ to _____

(Items are by O)

IMPORTANT WATER SANDS

[illegible]

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 thereof. If pumps or bridges were put in, state kind of material used, position, and results of pumping or falling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43094-2

NUDDING AND KNUDDING RECORD	NUDDING AND KNUDDING RECORD	NUDDING AND KNUDDING RECORD
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Letter dated to Director A	Witness brief	Open letter	Document by attorney and others	See page 4	Page 10
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SHOOTING RECORD

[illegible][illegible][illegible]

FORMATION RECORD

FORM -	10-	TOTAL FEE	FORMATION
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[illegible]

and early well-ventilated many-to-one type of man	1981	10%	0
a many-to-one as well as one-to-one	1981	10%	0

Highly Sensitive to the local climate	10	100	100
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[illegible]

10	10	10	10
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[illegible]

. stand as proof of reliability			
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[illegible]

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[illegible][illegible]

FROM	TO	TOTAL FEET	(OARIN)	FORMATION	10-12024-7
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FORMATION RECORD—Continued

TABLE 1