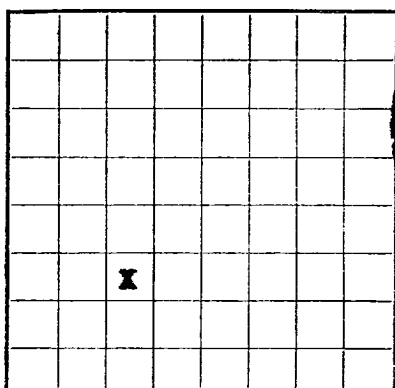
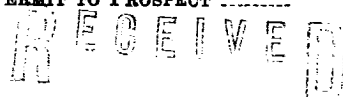




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNew Mexico
U. S. LAND OFFICE
SERIAL NUMBER 01292
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 31-6 Unit Field Blanco Mesa Verde State New Mexico
Well No. 18-3 Sec. 3 T 30N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1460 ft. N. of S Line and 1340 ft. E. of W Line of Sec. 3 Elevation 6662
(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 D. W. Meehan Original Signed D. W. MeehanDate August 10 1960Title Petroleum Engineer

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

Commenced drilling 6-16-60, 1960 Finished drilling 6-29-60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3104 to 3302 (G) No. 4, from 5423 to 5650 (G)
No. 2, from 5135 to 5205 (G) No. 5, from _____ to _____
No. 3, from 5205 to 5423 (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"	32.7	8	3-55	2374	3-55				Intermediate
7 5/8"	23.4	8	3-55	2374	3-55				Prod liner
5 1/2"	15.5	8	3-55	2374	3-55				Prod tubing
2"	4.7	8	3-55	5659	3-55				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"	296	330	circulated		
7 5/8"	3425	148	single stage		
5 1/2"	3350-3724	220	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 0 feet to 3423 feet, and from 3423 feet to 5724 feet

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

DATES

Put to producing 7-5- 1960

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 5,179,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1096 A.O.F. 6898 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2280	2280	San to gry cr-gra ss interbedded w/gry sh.
2280	2415	135	Ojo Alamo ss. White cr-gra s.
2415	2770	355	Kirtland form Gry sh interbedded w/tight gry fine-gra ss.
2770	3104	334	Fruitland form gry carb sh, scattered coals, coals and gry, tight, fine-gra ss.
3104	3302	198	Pictured Cliffs form gry, fine-gra, tight, varicolored soft ss.
3302	5135	1833	Lewis formation. gry, fine-gra, dense sil ss.
5135	5205	70	Cliff House ss. Gry, fine-gra, dense sil ss.
5205	5423	218	Manoshee form. Gry, fine-gra s, carb sh & coal.
5423	5650	227	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5650	5724	74	Manoshee formation. Gry carb sh.

(OVER)

FORMATION RECORD—Continued

RECEIVED
JUL 12 1966
OFF. COMM. & REGR.
DIST. 3

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

[illegible]

(14) $\frac{1}{2} \log \frac{1}{2}$ (100) 0.693147180559945309217	(15) $\frac{1}{3} \log \frac{1}{3}$ (100) 0.462098120373742748322
(16) $\frac{1}{4} \log \frac{1}{4}$ (100) 0.346573590279972654956	(17) $\frac{1}{5} \log \frac{1}{5}$ (100) 0.299573227355399051097
(18) $\frac{1}{6} \log \frac{1}{6}$ (100) 0.259141913864559418121	(19) $\frac{1}{7} \log \frac{1}{7}$ (100) 0.223143549048128226524
(20) $\frac{1}{8} \log \frac{1}{8}$ (100) 0.188721261717828495324	(21) $\frac{1}{9} \log \frac{1}{9}$ (100) 0.158496250072115618145
(22) $\frac{1}{10} \log \frac{1}{10}$ (100) 0.130102999566398982197	(23) $\frac{1}{11} \log \frac{1}{11}$ (100) 0.110589077814729995008
(24) $\frac{1}{12} \log \frac{1}{12}$ (100) 0.092592537770554410033	(25) $\frac{1}{13} \log \frac{1}{13}$ (100) 0.080079514477152414591
(26) $\frac{1}{14} \log \frac{1}{14}$ (100) 0.070176205247384357985	(27) $\frac{1}{15} \log \frac{1}{15}$ (100) 0.062101853231863083162
(28) $\frac{1}{16} \log \frac{1}{16}$ (100) 0.056234494946766864168	(29) $\frac{1}{17} \log \frac{1}{17}$ (100) 0.051188533184746507544
(30) $\frac{1}{18} \log \frac{1}{18}$ (100) 0.046913688141815850234	(31) $\frac{1}{19} \log \frac{1}{19}$ (100) 0.043274383842246994650
(32) $\frac{1}{20} \log \frac{1}{20}$ (100) 0.040130267839266456989	(33) $\frac{1}{21} \log \frac{1}{21}$ (100) 0.037467209074208776743
(34) $\frac{1}{22} \log \frac{1}{22}$ (100) 0.035115885625955307898	(35) $\frac{1}{23} \log \frac{1}{23}$ (100) 0.033021379852799630744
(36) $\frac{1}{24} \log \frac{1}{24}$ (100) 0.031212535164420231914	(37) $\frac{1}{25} \log \frac{1}{25}$ (100) 0.029442694942381569376
(38) $\frac{1}{26} \log \frac{1}{26}$ (100) 0.027893264376285424048	(39) $\frac{1}{27} \log \frac{1}{27}$ (100) 0.026555964234113536814
(40) $\frac{1}{28} \log \frac{1}{28}$ (100) 0.025408449744673800517	(41) $\frac{1}{29} \log \frac{1}{29}$ (100) 0.024418724264167817324
(42) $\frac{1}{30} \log \frac{1}{30}$ (100) 0.023572095080419423618	(43) $\frac{1}{31} \log \frac{1}{31}$ (100) 0.022859472607126603577
(44) $\frac{1}{32} \log \frac{1}{32}$ (100) 0.022253710647374211799	(45) $\frac{1}{33} \log \frac{1}{33}$ (100) 0.021741268337204363190
(46) $\frac{1}{34} \log \frac{1}{34}$ (100) 0.021300036432802765598	(47) $\frac{1}{35} \log \frac{1}{35}$ (100) 0.020923201434898364230
(48) $\frac{1}{36} \log \frac{1}{36}$ (100) 0.020616245441986627271	(49) $\frac{1}{37} \log \frac{1}{37}$ (100) 0.020317289450684765329
(50) $\frac{1}{38} \log \frac{1}{38}$ (100) 0.020024442461761929709	(51) $\frac{1}{39} \log \frac{1}{39}$ (100) 0.019736725472839094320
(52) $\frac{1}{40} \log \frac{1}{40}$ (100) 0.019454129256659649152	(53) $\frac{1}{41} \log \frac{1}{41}$ (100) 0.019177682043339804191
(54) $\frac{1}{42} \log \frac{1}{42}$ (100) 0.018906299734972558654	(55) $\frac{1}{43} \log \frac{1}{43}$ (100) 0.018641092521658213733
(56) $\frac{1}{44} \log \frac{1}{44}$ (100) 0.018381081308393868832	(57) $\frac{1}{45} \log \frac{1}{45}$ (100) 0.018126275095130424154
(58) $\frac{1}{46} \log \frac{1}{46}$ (100) 0.017876673881877980017	(59) $\frac{1}{47} \log \frac{1}{47}$ (100) 0.017632286668626535999
(60) $\frac{1}{48} \log \frac{1}{48}$ (100) 0.017393011465397521739	(61) $\frac{1}{49} \log \frac{1}{49}$ (100) 0.017157868262069068011
(62) $\frac{1}{50} \log \frac{1}{50}$ (100) 0.016936871963398046515	(63) $\frac{1}{51} \log \frac{1}{51}$ (100) 0.016720032758749025269
(64) $\frac{1}{52} \log \frac{1}{52}$ (100) 0.016506253554119004783	(65) $\frac{1}{53} \log \frac{1}{53}$ (100) 0.016295536349498984557
(66) $\frac{1}{54} \log \frac{1}{54}$ (100) 0.016087802144878964591	(67) $\frac{1}{55} \log \frac{1}{55}$ (100) 0.015882959940258944825
(68) $\frac{1}{56} \log \frac{1}{56}$ (100) 0.015681912735638925369	(69) $\frac{1}{57} \log \frac{1}{57}$ (100) 0.015483672531018906213
(70) $\frac{1}{58} \log \frac{1}{58}$ (100) 0.015287140326398887357	(71) $\frac{1}{59} \log \frac{1}{59}$ (100) 0.015093418121778868701
(72) $\frac{1}{60} \log \frac{1}{60}$ (100) 0.014901325917158850245	(73) $\frac{1}{61} \log \frac{1}{61}$ (100) 0.014712293712538831889
(74) $\frac{1}{62} \log \frac{1}{62}$ (100) 0.014526321507918813733	(75) $\frac{1}{63} \log \frac{1}{63}$ (100) 0.014343309303298795577
(76) $\frac{1}{64} \log \frac{1}{64}$ (100) 0.014163249098698777721	(77) $\frac{1}{65} \log \frac{1}{65}$ (100) 0.013986100893698759865
(78) $\frac{1}{66} \log \frac{1}{66}$ (100) 0.0138	

5 stages.
 2100 ft. Proposed 2 sets of 20 balls, 1 of 30, 1 for
 B.F.M. Max. pr. \$400 ft. B.B. none, tr. pr. 1500-1800
 20-40 sand. Pkgs 10, \$4.75 gal water. I.B. 67.4
 West Point Locust #60, 329 gal. water, 65,000 #

14-00000-1
14-00000-2
14-00000-3
14-00000-4

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 pumps or "side tracks," 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]

3-10-1