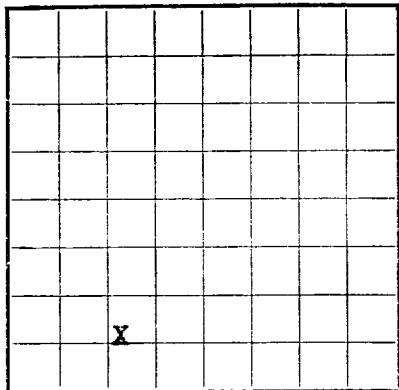
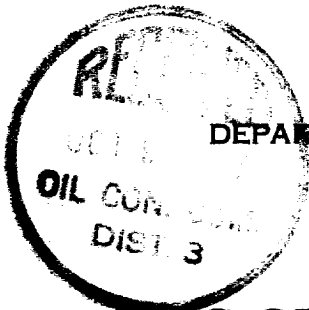


Form 9-330



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 28 1956
U. S. GEOLOGICAL SURVEY
WASHINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Jicarilla Field Wildcat State New Mexico
Well No. 3-E Sec. 18 T 25N R. 4W Meridian NMPM County Rio Arriba
Location 810 ft. ^[N.] of 8 Line and 1545 ft. ^[E.] of W Line of Section 18 Elevation 6982'
~~xxxx~~ ~~xxxx~~ (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 W. F. Cowh

Date August 28, 1956 Title Petroleum Engineer

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

Commenced drilling 6-17-56, 19____ Finished drilling 6-25-56, 19____

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

No. 1, from 3258 to 3310 (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 _____ 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—	
<u>9 5/8"</u>	<u>25.44</u>	<u>P. E.</u>	<u>S. W.</u>	<u>110'</u>	<u>Hwyco</u>				<u>Surface</u>
<u>5 1/2"</u>	<u>15.5</u>	<u>8 10</u>	<u>S. W.</u>	<u>3330'</u>	<u>Baker</u>				<u>Prod. Csg.</u>
<u>2 1/2"</u>	<u>4.7</u>	<u>8 10</u>	<u>S. W.</u>	<u>3215'</u>					<u>Prod. Log.</u>
RECORD OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8"</u>	<u>122'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2"</u>	<u>3340'</u>	<u>150</u>	<u>Single Stage</u>		

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
		<u>See well History.</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3340 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

7-20-56, 19____ 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 6,908,000 A. O. F. Gallons gas produced 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1035

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2718</u>	<u>2718</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2718</u>	<u>2826</u>	<u>108</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2826</u>	<u>3090</u>	<u>264</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>3090</u>	<u>3258</u>	<u>168</u>	<u>Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>3258</u>	<u>3310</u>	<u>52</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3310</u>	<u>3340</u>	<u>30</u>	<u>Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.</u>

(OVER)

FORMATION RECORD—CONTINUED

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20080

NEW 242 810 J10 70 201

0-14300-134-1 \$25.00

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CL. OR GAS SANDS OR ZONES

③ 已知 $\sin \alpha = \frac{1}{2}$, 求 α 的值.

to	from	to	from
to	from	to	from
to	from	to	from
to	from	to	from

WATER TREATMENT

..... to mod. 8.071

1-20-50 Pictured cliffs, T.D. 3335. Cleopant 3325. Perforated 3251-3260. 3272-3260, 3284-3298, 3303-3310 with 4 8 1/2". Water fractured with 51,200 gallons water and 60,000# sand. Flush with 1600 lbs. Injection rate 51.4 BPM. Maximum pressure 3000#, RDP 3000#, Treating pressure 1650#. Natural gauge none.

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 "skipped" 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

10-48084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible][illegible]