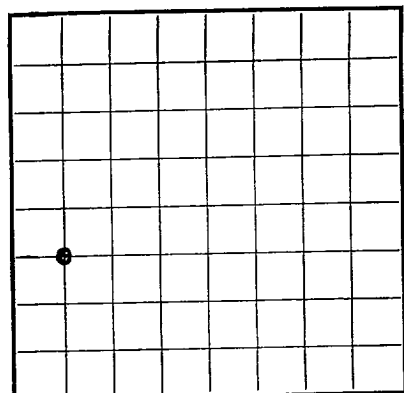


Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04421
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR
RECEIVED
JAN 26 1962
GEOLOGICAL SURVEY
JAN 29 1962
O. C. C.
ARTESIA, OFFICE
LOG OF OIL OR GAS WELL

Company John H. Trigg Address P. O. Box 520, Roswell, New Mexico
Lessor or Tract Federal "A" Field M. Square Lake State New Mexico
Well No. 7-4 Sec. 4 T. 16S R. 31E Meridian N.M.P.M. County Eddy
Location 2030 ft. N. of S Line and 660 ft. E. of W Line of Section 5 Elevation 4119
(Derriek 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 _____

Title GeologistDate January 5, 1962

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

Commenced drilling December 10, 1961 Finished drilling December 19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3471 to 3494 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>32#</u>	<u>CEI</u>	<u>1-55</u>	<u>864</u>	<u>Texas Pattern</u>		<u>3471</u>	<u>3472</u>	
<u>7"</u>	<u>23#</u>	<u>CEI</u>	<u>1-55</u>	<u>3520</u>	<u>Guide</u>		<u>3476</u>	<u>3477</u>	
							<u>3493</u>	<u>3494</u>	

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>877</u>	<u>100</u>	<u>Pump</u>		
<u>7"</u>	<u>3522</u>	<u>225 + 90 gal. latex</u>	<u>Pump</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>250 gal.</u>	<u>NCA : SF</u>	<u>22,680 gallons oil + 14,000# sand + 1570# walnut hulls</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3522 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 18, 1962 Put to producing January 8, 1962

The production for the first 24 hours was 247 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

D. T. Smith, Driller W. M. Knight, Driller
R. D. Blackledge, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>850</u>	<u>850</u>	<u>Red Beds</u>
<u>850</u>	<u>1000</u>	<u>150</u>	<u>Anhydrite</u>
<u>1000</u>	<u>1800</u>	<u>800</u>	<u>Salt</u>
<u>1800</u>	<u>3150</u>	<u>1350</u>	<u>Red Beds with lime and anhydrite breaks</u>
<u>3150</u>	<u>3508</u>	<u>358</u>	<u>Lime with sand breaks</u>
<u>3508</u>	<u>3522</u>	<u>14</u>	<u>White lime</u>
		<u>3522 T.D.</u>	
		<u>Log Tops: Base Salt</u>	<u>1772</u>
		<u>Yates</u>	<u>1954</u>
		<u>Queen</u>	<u>2765</u>
		<u>Grayburg</u>	<u>3150</u>
		<u>San Andres</u>	<u>3508</u>

(OVER)

16-43094-4

EXHIBITION PROTECTED-COPY

FORMATION RECORD—Continued

[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 of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-50084-2

IMPORTANT WATER BANDS

REPORTING WATER SANDS

NO 20 AND 21 OF 1954

NO 100 2014.5 240 20

100 90 80 70 60 50 40 30 20 10 0

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DAVED
JAN 9 1968

233 A. 22 500 10 100