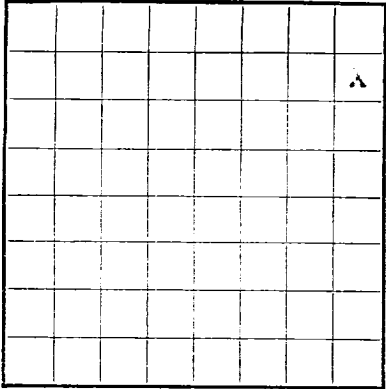


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Banner Drilling Co. Address Box 1571 Farmington, New Mex.
Lessor or Tract N.M. LIE # 14-20-604-1951 Field H.choe allup State New Mex.
Well No. 4 Sec. 33 T. 31-N R. 16-W Meridian N.M.L. County San Juan
Location 990 ft. N. of N. Line and 330 ft. E. of E. Line of 33-31-16 Elevation 5403
(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 [Signature]

Date November 10-1958 Title Co-owner

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

Commenced drilling 10/29-58, 19 58 Finished drilling 11/3-58, 19 58

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

No. 1, from _____ to _____ 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>24.7</u>	<u>8-RT</u>	<u>J55</u>	<u>112</u>			<u>1246</u>	<u>1280</u>	<u>Surface</u>
<u>5 1/2</u>	<u>24</u>	<u>8-RT</u>	<u>J55</u>	<u>1350.40</u>					<u>rod CG</u>
<u>2"</u>	<u>4.7</u>	<u>8-RT</u>	<u>5.5</u>	<u>1274</u>					<u>rod TB</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>110'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2</u>	<u>1350</u>	<u>100</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

TOOLS USED

Rotary tools were used from 0 feet to 1400 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11/8, 19 58 Put to producing Nov. 8th, 19 58

The production for the first 24 hours was 125 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.0

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

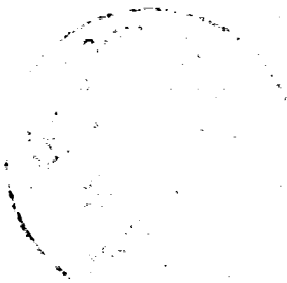
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Jewel Copeland, Driller _____, Driller
N.B. Williams, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>115</u>	<u>115</u>	<u>Sand stone and soil</u>
<u>115</u>	<u>446</u>	<u>331</u>	<u>Shale and sand</u>
<u>446</u>	<u>991</u>	<u>545</u>	<u>Sandy shale</u>
<u>991</u>	<u>1247</u>	<u>256</u>	<u>Sandy shale</u>
<u>1247</u>	<u>1280</u>	<u>33</u>	<u>Sand</u>
<u>1280</u>	<u>1400</u>	<u>120</u>	<u>Sandy shale</u>
FORMATION LOG			
<u>Upper allup 1029 Ft.</u>			
<u>Lower allup 1219 Ft.</u>			
<u>Upper sand 1247 Ft.</u>			
<u>Lower sand 1280 Ft.</u>			



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 bailing.

HISTORY OF OIL OR GAS WELL