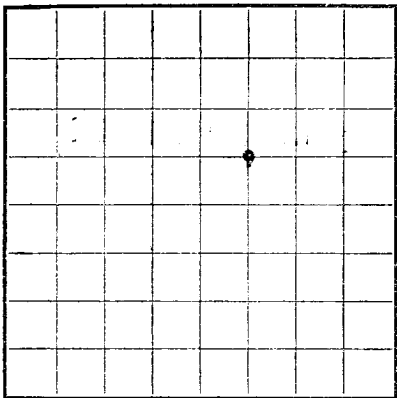




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER NM 0969
LEASE OR PERMIT TO PROSPECT _____
RECEIVED
APR 20 1960
D. C. B.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Aztec Address Box 847, Hobbs, New Mexico
Lessor or Tract Brinson-Federal Field Robinson-Ext. State New Mexico
Well No. 2 Sec. 31 T. 16S R. 32E Meridian NMPM County Lea
Location 1980 ft. S. of N. Line and 1980 ft. W. of E. Line of Sec. 32 Elevation 4150 DF' (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 _____
Date February 5, 1960 John Elliott Title District Geologist

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

Commenced drilling 12-9, 1959 Finished drilling 12-20, 1959

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

No. 1, from 3822 to 3828 No. 4, from 3878 to 3890
No. 2, from 3861 to 3865 No. 5, from 3892 to 3895
No. 3, from 3867 to 3870 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>8 5/8"</u>	<u>24 1/2</u>		<u>J-55</u>	<u>320'</u>	<u>Guide</u>				<u>Surface</u>
<u>4 1/2"</u>	<u>9.5</u>		<u>J-55</u>	<u>4068'</u>	<u>Flat</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8"</u>	<u>320'</u>	<u>225</u>	<u>Pump</u>		
<u>4 1/2"</u>	<u>4068'</u>	<u>200</u>	<u>Pump</u>		<u>60 SX Starch</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>Jet</u>		<u>4/T</u>	<u>12-20-59</u>	<u>3822-28</u> <u>3861-65</u> <u>3867-70</u> <u>3878-90</u> <u>3892-95</u>	

TOOLS USED

Rotary tools were used from 0 feet to T.D. feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing January 31, 1960

The production for the first 24 hours was 34 barrels of fluid of which 98 % was oil; _____ % emulsion; 2 % water; and _____ % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1020</u>		<u>Redbeds</u>
<u>1020</u>	<u>1100</u>		<u>Anhydrite</u>
<u>1100</u>	<u>2067</u>		<u>Salt</u>
<u>2067</u>	<u>3530</u>		<u>Sand, Anhydrite & Shale</u>
<u>3530</u>	<u>3900</u>		<u>Sand, Shale & Dolomite</u>
<u>3900</u>	<u>4070</u>		<u>Dolomite & Shale</u>
			<u>D.S.T. #1 3145-3200'</u>
			<u>T.O. 30 Min.</u>
			<u>I.H.P. 1755# I.S.I.P. 830#</u>
			<u>F.H.P. 1755# F.S.I.P. 237#</u>
			<u>I.F.P. 54# Recovered 40' Oil</u>
			<u>Cut Mud & 80' H.O.</u>
			<u>C.M. & Water</u>
			<u>Log Tops</u>
			<u>Base Salt 2067</u>
			<u>Yates 2258</u>
			<u>Queen 3160 (+974)</u>
			<u>Grayburg 3532</u>
			<u>San Andres 3900 (+234)</u>
			<u>Lovington 4007</u>
			<u>Top Cement 2660</u>

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS. STATE WHETHER FROM LOG OR SAMPLES

