



LOCATE WELL CORRECTLY



U. S. LAND OFFICE N. M.
SERIAL NUMBER 03011
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. Felix Hickman Address 2929 Monte Vista Blvd. NE
Lessor or Tract Clark Field Undesignated State New Mexico
Well No. 4 Sec. 5 T. 24N R. 3W Meridian N. M. County Rio Arriba
Location 990 ft. S. of 3 Line and 990 ft. E. of 4 Line of Sec. 5 Elevation 6096
(Derrick base 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 Jay J. Harris
Jay J. Harris
Title Geologist

Date 7-24-56

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

Commenced drilling 4-22, 1956 Finished drilling 5-12, 1956.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3212 to 3273 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>5/8</u>	<u>30</u>	<u>8</u>	<u>55</u>	<u>163</u>	<u>Larkin</u>				
<u>5/8</u>	<u>14</u>	<u>8</u>	<u>55</u>	<u>3274</u>	<u>Larkin</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5/8</u>	<u>103</u>	<u>125</u>	<u>Halliburton</u>		
<u>5/8</u>	<u>3274</u>	<u>150</u>	<u>Halliburton</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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to 3277 feet, and from _____ feet to _____ feet

DATES

7 31 56 19 _____ Put to producing _____, 19 _____
The production for the first 24 hours was _____ barrels of fluid of which 50 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well cu. ft. per 24 hours 6194 Gallons gasoline per 1,000 cu. ft. of gas _____

FOLD MARK

Commenced drilling ~~4-22~~ 19.56 Finished drilling 5-12 19.56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3212 to 3273 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-	
5/8	30	8	J-55	163	Larkin				
5/8	14	8	J-55	3274	Larkin				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	163	125	Halliburton		
5/8	3274	150	Halliburton		

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
Sand water fractured from 3222 to 3263						

TOOLS USED

Rotary tools were used from 0 feet to 3277 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing 7 31/36 19 Shut in 5-12 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 6194
 Rock pressure, lbs. per sq. in. 1020 Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

Driller
 Driller
 Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
3100	3215	115	Fruitland
3215	3273	58	Pictured Cliffs

FOLD MARK