

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

NOTED

U. S. LAND OFFICE

Santa Fe

SERIAL NUMBER NM-02218

LEASE OR PERMIT TO PROSPECT

JAN 28 1961

CORDON UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company David Fasken Address 608 First National Bank Bldg., Midland, Texas
Lessor or Tract King - Davis Federal Field Blut State New Mexico
Well No. 3 Sec. 27 T. 8-S R. 37-E Meridian NM PM County Roosevelt
Location 1990 ft. N of S Line and 660 ft. E of W Line of Section 27 Elevation 4,030'
(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 January 10, 1961Title Agent

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

Commenced drilling October 23, 1960 Finished drilling December 12, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9506 to 9532 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 None 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>13-3/8"</u>	<u>48</u>	<u>8</u>	<u>AMERICAN</u>	<u>1750</u>	<u>REG. TYPE</u>	<u>9506</u>	<u>9532</u>		<u>Oil string</u>
<u>8-5/8"</u>	<u>32</u>	<u>8</u>	<u>"</u>	<u>1750</u>	<u>REG. TYPE</u>				<u>Intermediate</u>
<u>5-1/2"</u>	<u>15.5</u>	<u>8</u>	<u>"</u>	<u>1750</u>	<u>REG. TYPE</u>				<u>Intermediate</u>
<u>5-1/2"</u>	<u>17</u>	<u>8</u>	<u>"</u>	<u>8066</u>	<u>REG. TYPE</u>				<u>Oil string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>385'</u>	<u>400</u> <u>sz.</u>	<u>Pump & plug</u>	<u>9.5#/gal.</u>	
<u>8-5/8"</u>	<u>4250'</u>	<u>1700</u> <u>sz.</u>	<u>Pump & plug</u>	<u>10.6#/gal.</u>	
<u>5-1/2"</u>	<u>9535'</u>	<u>350</u> <u>sz.</u> & <u>45</u> <u>gals. of latex</u>	<u>Pump & plug</u>	<u>9.8#/gal.</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 9,536 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 8, 1961 Put to producing January 1, 1961

The production for the first 24 hours was 493 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 45

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

Rock pressure, lbs. per sq. in. 2600

EMPLOYEES

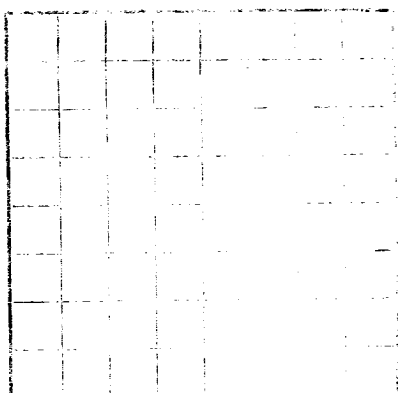
Bob Leonard (Geologist), Driller _____, Driller _____

_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>380</u>	<u>380</u>	<u>Surface, sands, gravels & clays</u>
<u>380</u>	<u>2,285</u>	<u>1,905</u>	<u>Red shale & sandy shales</u>
<u>2,285</u>	<u>2,825</u>	<u>540</u>	<u>Anhydrite with salt stringers & red shale stringers (top of Russler)</u>
<u>2,825</u>	<u>2,950</u>	<u>125</u>	<u>Sandstones with shale stringers (Yates)</u>
<u>2,950</u>	<u>3,545</u>	<u>595</u>	<u>Red shales with anhydrite & salt stringers</u>
<u>3,545</u>	<u>3,645</u>	<u>100</u>	<u>Sandstones interbedded with red shales (Queen)</u>
<u>3,645</u>	<u>4,065</u>	<u>420</u>	<u>Red shales, shaly sands & anhydrite stringers.</u>
<u>4,065</u>	<u>5,490</u>	<u>1,425</u>	<u>Dolomite & subdolomite dolomite (San Andres)</u>
<u>5,490</u>	<u>5,585</u>	<u>95</u>	<u>Unconsolidated sands (Glorieta)</u>
<u>5,585</u>	<u>6,875</u>	<u>1,290</u>	<u>Dolomite with anhydrite stringers</u>

LOG ON OIL OR GAS WELL



X 0078902 113 5 1 30

[illegible]

The entire page or this page is for the condition of the wall at above date.

Dated _____

Witness _____

OIL OR GAS LANDS OF STATES

(Dereets das 64 6)

to No. 1, from
to No. 2, from
to No. 3, from

IMPORTANT WATER BANDS

to No. 3 from No. 1 from

CASING RECORD

[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND CEMENTING RECORD

Depth from bottom	Grain size	Grain shape	Grain color	Grain texture	Grain size
100-120	fine	angular	light gray	smooth	100-120
120-140	fine	angular	light gray	smooth	120-140
140-160	fine	angular	light gray	smooth	140-160

SECRET AND SENSITIVE

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth observed on

TOOL & USED

foot	of feet	feet, and from	to foot	from feet were used
foot	of feet	feet, and from	to foot	from feet were used

DATE

If gas will run for 24 hours		(allows gasoline per 1,000 cu. ft. of gas)
Displacement of water and sediment		Gravity; lbs.
The production for the first 24 hours was _____ lb.		Pounds of fluid of which ____% was oil
Total produced _____ lb.		Pts to producing

EMPLOYEES

[illegible]

INFORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
84	7,878	1,290	limestone with anhydrite stringers
75	7,000	125	limestone with anhydrite stringers (blue)
70	6,875	65	limestone with anhydrite stringers (blue)
65	6,810	1,000	limestone with anhydrite stringers
55	5,810	1,205	limestone with anhydrite stringers and numerous salt stringers (blue)
50	4,605	585	limestone with anhydrite stringers
45	4,020	91	limestone with anhydrite stringers (blue)
38	3,929	1,000	limestone with anhydrite stringers
30	2,929	1,000	limestone with anhydrite stringers
20	1,929	1,000	limestone with anhydrite stringers
10	929	1,000	limestone with anhydrite stringers
0	0	1,000	limestone with anhydrite stringers