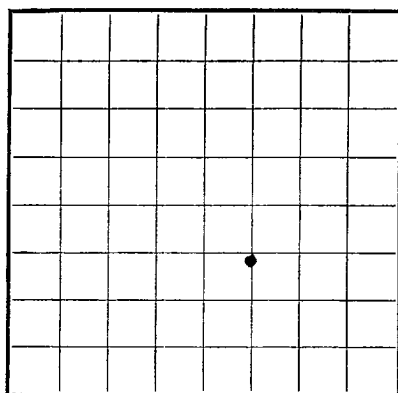


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029415(b)
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

RECEIVED

APR 4 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
APR 5 1960O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company William A. & Edward R. Hudson Address 1810 Electric Building
Fort Worth, Texas
Lessor or Tract Federal Field Maljamar State New Mexico
Well No. 12-B Sec. 25 T17S R. 31E Meridian NMPM County Eddy
Location 1980 ft. XXXX S Line and 1980 ft. XX E Line of Sec. 25 Elevation 3877 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 William A. & Edward R. Hudson
Date March 31st, 1960 Title Joint Operator

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

Commenced drilling January 24, 1960. Finished drilling March 13th, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3583 to 3594 No. 4, from _____ to _____
No. 2, from 3842 to 3870 No. 5, from _____ to _____
No. 3, from 3936 to 3974 (show) 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>962</u>					
<u>5 1/2</u>	<u>13.54</u>	<u>8</u>	<u>3-55</u>	<u>4016</u>	<u>Flap</u>		<u>3842</u>	<u>3852</u>	<u>Prod</u>
							<u>3860</u>	<u>3870</u>	
							<u>3942</u>	<u>3948</u>	
							<u>3953</u>	<u>3959</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>962</u>	<u>100</u>			
<u>5 1/2</u>	<u>4016</u>	<u>250 4% Gel &</u>			
		<u>100 neat</u>	<u>Pump</u>		
<u>2" tubing</u>	<u>3867</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>Frac'd perfs.</u>						
<u>sand</u>						
<u>Frac'd "</u>						
<u>sand, set bridge plug at</u>						

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

Cable tools were used from Surface feet to 4100 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 31, 1960The production for the first 7 hours 15 minutes was 132 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

H. Rickman _____, Driller J. H. Pope _____, Driller
A. R. Sprawls _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Sand</u>
<u>10</u>	<u>15</u>	<u>5</u>	<u>Caliche</u>
<u>15</u>	<u>60</u>	<u>45</u>	<u>Top Anhydrite</u>
<u>60</u>	<u>155</u>	<u>95</u>	<u>Top Salt</u>
<u>155</u>	<u>240</u>	<u>85</u>	<u>Base "</u>
<u>240</u>	<u>270</u>	<u>30</u>	<u>1885</u>
<u>270</u>	<u>325</u>	<u>55</u>	<u>Top Yates</u>
<u>325</u>	<u>590</u>	<u>265</u>	<u>Top Queen</u>
<u>590</u>	<u>655</u>	<u>65</u>	<u>Top San Andres</u>
<u>655</u>	<u>730</u>	<u>75</u>	<u>3800</u>
<u>730</u>	<u>760</u>	<u>30</u>	<u>Red Rock</u>
<u>760</u>	<u>895</u>	<u>135</u>	<u>Red Rock & Shale</u>
<u>895</u>	<u>930</u>	<u>35</u>	<u>Red Rock</u>
<u>930</u>	<u>950</u>	<u>20</u>	<u>Red Shale & Red Rock</u>
<u>950</u>	<u>1052</u>	<u>102</u>	<u>Red Rock</u>
<u>1052</u>	<u>1062</u>	<u>10</u>	<u>Anhydrite</u>
<u>1062</u>	<u>1115</u>	<u>53</u>	<u>Anhydrite</u>
<u>1115</u>	<u>1245</u>	<u>130</u>	<u>Red Shale</u>
<u>1245</u>	<u>1385</u>	<u>140</u>	<u>Red Shale & Salt</u>
<u>1385</u>	<u>1397</u>	<u>12</u>	<u>Salt</u>
<u>1397</u>	<u>1550</u>	<u>153</u>	<u>Anhydrite</u>
<u>1550</u>	<u>1620</u>	<u>70</u>	<u>Salt & Potash</u>
<u>1620</u>	<u>1630</u>	<u>10</u>	<u>Salt</u>
<u>1630</u>	<u>1710</u>	<u>80</u>	<u>Salt & Poly</u>
			<u>Anhydrite & Salt</u>
			<u>Salt</u>

FORMATION RECORD—Continued

FROM—		TO—	TOTAL FEET	FORMATION
1710	1745	1745	35	Anhydrite
1745	1878	1878	133	Salt
1878	2403	2410	525	Anhydrite
2403	2410	2410	7	Broken Anhydrite
2410	2585	2585	175	Anhydrite
2585	2595	2595	10	Bentonite
2595	2615	2615	20	Anhydrite, Broken
2615	2780	2780	165	Anhydrite
2780	2805	2805	25	Blue shale & Red Rock
2805	2835	2835	30	Anhydrite
2835	2845	2845	10	Red shale
2845	2860	2860	15	Anhydrite
2860	2885	2885	25	Red shale
2885	3060	3060	175	Anhydrite
3060	3090	3090	30	Sand & Anhydrite
3090	3150	3150	60	Anhydrite
3150	3175	3175	25	Anhydrite & Lime
3175	3235	3235	60	Anhydrite
3235	3265	3265	30	Anhydrite & Lime
3265	3330	3330	65	Anhydrite
3330	3348	3348	18	Red shale & Sand
3348	3380	3380	32	Anhydrite & Lime
3380	3405	3405	25	Lime
3405	3455	3455	50	Lime & Anhydrite
3455	3455	4101	646	Lime

HISTORY OF OIL OR GAS WELL

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.