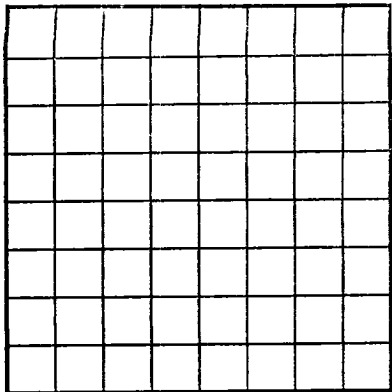


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062399
LEASE OR PERMIT TO PROSPECT Wylie



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Lion Oil Company Address El Dorado, Arkansas
Lessor or Tract Wylie Field Wildcat State New Mexico
Well No. 1 Sec. 5 T23S R38E Meridian N.M.P.M. County Lea
Location 2160 ft. ^{N.}_{S.} of N. Line and 660 ft. ^{E.}_{W.} of W. Line of NW 1/4 Elevation 3386
(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] Title Prod. Supt.
Date May 12, 1946
The summary on this page is for the condition of the well at above date.

Commenced drilling 11-1, 1945 Finished drilling 1-2, 1946

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>13-3/8</u>	<u>54#</u>			<u>312</u>		<u>0</u>			
<u>9-5/8</u>	<u>40#</u>			<u>2931</u>		<u>116</u>			
<u>7</u>	<u>20#</u>			<u>6835</u>		<u>1905</u>			
<u>5-1/2</u>	<u>17#</u>			<u>8512</u>		<u>6730</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>312</u>	<u>300</u>			
<u>9-5/8</u>	<u>2931</u>	<u>1500</u>			
<u>7</u>	<u>6835</u>	<u>250</u>			
<u>5-1/2</u>	<u>8512</u>	<u>100</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

ACID ~~XXXXXXXXXX~~ SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>(1) 6835-7097</u>	<u>treated w/total 6000 gal. acid.</u>					
<u>(2) 8371-8505</u>	<u>" " 18,500 gal. acid (thru perfs.)</u>					

TOOLS USED

Rotary tools were used from 0 feet to 8519 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Plugged & Abandoned 5-5, 1946

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 _____ 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>105</u>		<u>Sand</u>
<u>105</u>	<u>350</u>		<u>Red Beds</u>
<u>350</u>	<u>400</u>		<u>Sand</u>
<u>400</u>	<u>480</u>		<u>Red Bed</u>
<u>480</u>	<u>805</u>		<u>Red Bed and blue shale</u>
<u>805</u>	<u>1035</u>		<u>Red Bed and sand</u>
<u>1035</u>	<u>1105</u>		<u>Sand</u>
<u>1105</u>	<u>1220</u>		<u>Red Beds</u>
<u>1220</u>	<u>1335</u>		<u>Red Rock & Anhydrite</u>
<u>1335</u>	<u>1392</u>		<u>Anhydrite</u>
<u>1392</u>	<u>2520</u>		<u>Anhydrite & Salt</u>
<u>2520</u>	<u>2616</u>		<u>Anhydrite</u>
<u>2616</u>	<u>2664</u>		<u>Anhydrite & Gyp</u>
<u>2664</u>	<u>2727</u>		<u>Anhydrite</u>
<u>2727</u>	<u>2784</u>		<u>Anhydrite & Sand</u>
<u>2784</u>	<u>2875</u>		<u>Anhydrite & Lime</u>
<u>2875</u>	<u>3232</u>		<u>Lime & Anhydrite</u>
<u>3232</u>	<u>3353</u>		<u>Shale & Lime</u>
<u>3353</u>	<u>3428</u>		<u>Lime & Anhydrite</u>
<u>3428</u>	<u>3485</u>		<u>Lime & Shale</u>
<u>3485</u>	<u>3760</u>		<u>Lime & Anhydrite</u>
<u>3760</u>	<u>3810</u>		<u>Lime, Shale & Anhydrite</u>
<u>3810</u>	<u>3870</u>		<u>Cherty Lime</u>

(OVER)

FORMATION RECORD-Continued

FORMATION	TOTAL FEET	TO-	FROM-
Lime & Arhydrite	1340	3805	3870
Brown Lime	1427	3905	4340
Brown Lime & Shale	1479	4427	4479
Shale	1520	4479	4520
Lime	1527	4520	4527
Lime & Shale	1554	4527	4554
Cherty Lime	1634	4554	4634
Lime	1650	4634	4650
Lime & Shale	1695	4650	4695
Lime	1725	4695	4725
Dolomite	1935	4725	4935
Lime	1935	4935	5040
Lime & Chert	5170	5040	5170
Lime	5191	5170	5191
Lime & Chert	5211	5191	5211
Lime	5245	5211	5245
Sand & Sandy Lime	5305	5245	5305
Lime	5348	5305	5348
Lime & Shale	5411	5348	5411
Lime	5550	5411	5550
Lime & Shale	5662	5550	5662
Lime, faint odor	5680	5662	5680
Lime & Shale	5707	5680	5707
Lime	6300	5707	6300
Lime & Shale	6332	6300	6332
Lime	7097	6332	7097
Lime	7150	7097	7150
Chert	7167	7150	7167
Lime	7490	7167	7490
Lime & Sand	7506	7490	7506
Chert	7525	7506	7525
Lime	7555	7525	7555
Lime & Chert	7560	7555	7560
Sand, Lime & Chert	7574	7560	7574
Lime & Chert	7659	7574	7659
Lime & Shale	7667	7659	7667
Shale	7682	7667	7682
Lime & Shale	7706	7682	7706
Lime & Shale	7728	7706	7728
Lime	7753	7728	7753
Shale & Lime	7767	7753	7767
Shale	7859	7767	7859
Shale & Lime	8009	7859	8009
Shale	8045	8009	8045
Shale & Sand	8126	8045	8126
Sand	8290	8126	8290
Shale & Sand	8300	8290	8300
Shoaling Bed	8376	8300	8376
Lime & Shale	8381	8376	8381
Lime	8398	8381	8398
Sandy Lime	8506	8398	8506
Shales	8528	8506	8528
Sand & Dolomite	8528	8528	8528
Granite	8528	8528	8528

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

U. S. GOVERNMENT PRINTING OFFICE 6-6745

2007 JAN 1