

Orig: & 300-1000

cc: VDA

JTR

EGC

H. M. C.

PAD

F

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 067968

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sinclair Oil & Gas Company Address Box 1927 Hobbs, New Mexico
Lessor or Tract J. H. McClure Field Dollarhide-Drinkard State New Mexico
Well No. 2 Sec. 30 T. 24 S. 38 E Meridian County Lea
Location 2310 ft. N of N Line and 1980 ft. E of E Line of Sec. 20-24-38 Elevation 3141
(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]Date July 20, 1953Title Dist. Supt.

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

Commenced drilling 5-6, 19 53 Finished drilling 6-7, 19 53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6240 to 6700 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</u>	<u>50</u>	<u>8v</u>		<u>290</u>	<u>Larkin</u>				
<u>8 5/8</u>	<u>32 & 24</u>	<u>8v & 8r</u>		<u>3172</u>	<u>"</u>				
<u>5 1/2</u>	<u>17 & 15.5</u>	<u>8r</u>		<u>6698</u>	<u>"</u>				
<u>2</u>	<u>4.7</u>	<u>8r</u>		<u>6590</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13</u>	<u>293</u>	<u>300</u>	<u>Halliburton</u>		
<u>8 5/8</u>	<u>3174</u>	<u>1600</u>	<u>"</u>		
<u>5 1/2</u>	<u>6699</u>	<u>700</u>	<u>"</u>		
<u>2</u>	<u>6590</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>Acid</u>		<u>1,000 Gal.</u>	<u>1.6-13</u>	<u>6510-6610</u>	<u>6650</u>

TOOLS USED

Rotary tools were used from Surface feet to 6700 feet, and from _____ feet to _____ feet
Cable tools were used from None feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing June 13, 19 53

The production for the first 24 hours was 288 barrels of fluid of which 100% was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 39

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. W. Cook, Driller Ray E. Weeks, Driller
E. Forsythe, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1</u>	<u>127</u>	<u>127</u>	<u>Caliche & Redrock</u>
<u>127</u>	<u>1240</u>	<u>1113</u>	<u>Redbed</u>
<u>1240</u>	<u>1270</u>	<u>30</u>	<u>Anhydrite & Gyp</u>
<u>1270</u>	<u>1454</u>	<u>184</u>	<u>Salt, Gyp & Anhydrite</u>
<u>1454</u>	<u>1699</u>	<u>245</u>	<u>Anhydrite & Salt</u>
<u>1699</u>	<u>1999</u>	<u>300</u>	<u>Anhydrite & Gyp</u>
<u>1999</u>	<u>2470</u>	<u>471</u>	<u>Anhydrite & Gyp</u>
<u>2470</u>	<u>2574</u>	<u>104</u>	<u>Anhydrite & Gyp</u>
<u>2574</u>	<u>3175</u>	<u>601</u>	<u>Anhydrite</u>
<u>3175</u>	<u>3284</u>	<u>109</u>	<u>Lime & Sand</u>
<u>3284</u>	<u>3478</u>	<u>194</u>	<u>Sand</u>
<u>3478</u>	<u>3578</u>	<u>100</u>	<u>Lime & Sand</u>
<u>3578</u>	<u>3602</u>	<u>24</u>	<u>Sand & Shale</u>
<u>3602</u>	<u>3740</u>	<u>138</u>	<u>Lime</u>
<u>3740</u>	<u>3786</u>	<u>46</u>	<u>Lime & Sand</u>
<u>3786</u>	<u>4302</u>	<u>516</u>	<u>Lime</u>
<u>4302</u>	<u>4770</u>	<u>468</u>	<u>Lime & Shale</u>
<u>4770</u>	<u>4835</u>	<u>65</u>	<u>Lime</u>
<u>4835</u>	<u>4936</u>	<u>101</u>	<u>Lime, sand & shale</u>
<u>4936</u>	<u>5147</u>	<u>211</u>	<u>Lime</u>
<u>5147</u>	<u>5346</u>	<u>199</u>	<u>Lime & Sand</u>
<u>5346</u>	<u>5479</u>	<u>133</u>	<u>Lime</u>
<u>5479</u>	<u>5830</u>	<u>351</u>	<u>Lime & Sand</u>
<u>5830</u>	<u>5880</u>	<u>50</u>	<u>Dolomite, lime and sand</u>
<u>5880</u>	<u>6520</u>	<u>640</u>	<u>Lime</u>

(OVER)

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
6520 6539 6650 6696 6632	6539 6650 6696 6632 6700	11 19 46 36 68	Sand Lime Sand Lime & Sand Lime
DEVIATION RECORD			
1 1/2" 305, 1 1/2" 2130, 2 1/4" 2275, 1 1/2" 3160, 1/2" 4210, 1 1/2" 5725, 3/4" 6665			
DRILL STEM TESTS			
Queen sand, 3650 to 3740, 1" top choke, 5/8" bottom choke, open 150 Min., recovered 360' of mud, FP 225#, 20 Min. SIP 300#			
Dyknard time, 6475 to 6550, 1" TC, 5/8" BC, open 75 Min., recovered 450' oil, FP 765#, 20 Min. SIP 510#			
Dyknard time, 6550 to 6632, 1" TC, 5/8" BC, open 150 Min., recovered 2500' oil, FP 525#, 20 Min. SIP 2500#			
Dyknard time, 6632 to 6700, 1" TC, 5/8" BC, open 45 Min., recovered 65' mud, FP none, 20 Min. SIP 450#			

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 "sacked" 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.