

APPROVED

JAN 15 1958

ROBERT F. EVANS
DISTRICT ENGINEERBudget Bureau No. 42-R355.4.
Approval expires 12-31-60.U. S. LAND OFFICE Las CrucesSERIAL NUMBER 029126-1

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 520 E. Broadway, Hobbs, New Mexico
Lessor or Tract R. R. WEST "B" Field Grayburg-Jackson State New Mexico
Well No. 14 Sec. 10 T. 17S R. 31E Meridian NMP County Eddy
Location 1980 ft. N of S Line and 1980 ft. E of M Line of Section 10 Elevation 3907'
(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 13, 1958 Title District Superintendent

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

Commenced drilling November 27, 1957 Finished drilling January 13, 1958OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3205 to 3205 No. 2, from 3205 to 3205
No. 3, from 3205 to 3205 No. 4, from 3205 to 3205
No. 5, from 3205 to 3205 No. 6, from 3205 to 3205

IMPORTANT WATER SANDS

No. 1, from 3205 to 3205 No. 2, from 3205 to 3205
No. 3, from 3205 to 3205 No. 4, from 3205 to 3205

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>24</u>	<u>82</u>	<u>Waco</u>	<u>762</u>					<u>Surface</u>
<u>2-3/8"</u>	<u>10</u>	<u>62</u>	<u>Waco</u>	<u>3205</u>					<u>3205</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>762</u>	<u>100</u>	<u>Mullibarton</u>		
<u>7"</u>	<u>3543</u>	<u>100</u>			

PLUGS AND ADAPTERS

Heaving plug—Material Retainer Length _____ Depth set 1450'
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			<u>None</u>			

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3632' feet, and from _____ feet to _____ feet

DATES

January 13, 1958, 19____ Put to producing _____, 19____
The production for the first 24 hours was 176 barrels of fluid of which January 12, 1958 58 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 100 % was oil; 0 %
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 36.4
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. L. Fleming, Driller Joe G. Taylor, Driller
E. J. Brown, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>380</u>	<u>380</u>	<u>Red Rock</u>
<u>380</u>	<u>645</u>	<u>265</u>	<u>Anhydrite</u>
<u>645</u>	<u>1605</u>	<u>960</u>	<u>Salt</u>
<u>1605</u>	<u>2725</u>	<u>1120</u>	<u>Anhydrite</u>
<u>2725</u>	<u>2810</u>	<u>85</u>	<u>Red sand</u>
<u>2810</u>	<u>3205</u>	<u>395</u>	<u>Anhydrite</u>
<u>3205</u>	<u>3632-7D</u>	<u>427</u>	<u>Lime</u>

GEOLOGICAL TOPS - EL

Yates 1848 2059
7-Revers 2168 1739
Queen 2788 1119
Grayburg 3206 701
San Andres 3537 370

Orig & Joe: USGS
cc: PHR, HFD, File

ECON—

10—

FOLY FEEL

(OVER)

CORRECTION

16-43094-4

FORMATION RECORD—CONTINUED

TOP OF OIL OR GAS WELL

[illegible][illegible]

ALL THESE 66 BLS. ALL IN 9 HOURS FOR A COLLECTIBLE 24 HOUR POTENTIAL OF 176 MILS. OIL. GRAVITY OF 36.4. GOR 1130, 1/2" AND. PLASD ON PRODUCTION RATE OF 47 BORD.

FOIA b 7 - D

Performed 1000 counts 1/15/66, with 64 - 1/2 set holes. Set Baker
 Retention Ring @ 1500. Run 2 - 1/2" (1000) and broke formation from
 1500-1600. Encased with 2000 grout. Buried and 20,000 sand.

Tested open 15,000 psi. 3563-3631. With 15,000 psi. pressure 3604. Min. pressure 3704.

Non Comm-My Motion, Log to 3621.

Box 7 on casing at 3563' with 100 sacks regular cement

Set 8-5/8" OD casing @ 762' w/100 mesh regular cement

Spotted at 6:00 AM. Killed at 6:00 AM. - 6:00 AM.

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. Hinges or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD—Continued