



LOCATE WELL CORRECTLY

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SEP 4 1959

U. S. GEOL. SURVEY  
ARTESIA, NEW MEXICO

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029126(B)  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_**LOG OF OIL OR GAS WELL**

Company Sinclair Oil & Gas Company Address 520 E. Broadway, Hobbs, New Mexico  
Lessor or Tract H. I. West "B" Field Grayburg-Jackson State New Mexico  
Well No. 22-X Sec. 9 T. 17S R. 31E Meridian NMPM County Eddy  
Location 660' ft. N. of S. Line and 1990 ft. W. of E. Line of Section 9 Elevation 3871  
(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 August 1, 1959Title District Superintendent

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

Commenced drilling 5/11/, 1959 Finished drilling 7/11/, 1959**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 331' to 3728' 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>8-5/8</u>	<u>24</u>	<u>8R</u>	<u>J&amp;L</u>	<u>694'</u>					<u>Surface Production Tubing</u>
<u>5-1/2</u>	<u>24</u>	<u>8R</u>	<u>"</u>	<u>3731'</u>			<u>3260</u>	<u>3678</u>	
<u>2-3/8</u>	<u>4.7</u>	<u>8R</u>	<u>W&amp;L</u>	<u>3231'</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>694'</u>	<u>100</u>	<u>Halliburton</u>		
<u>5-1/2</u>	<u>3731'</u>	<u>100</u>	<u>"</u>		
	<u>3231'</u>				

**PLUGS AND ADAPTERS**

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material None 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 3,731' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**\_\_\_\_\_, 19\_\_\_\_ Put to producing August 31,, 1959

The production for the first 24 hours was 15 barrels of fluid of which 93 % was oil; 0 %  
emulsion; 7 % water; and 0 % sediment. Gravity, °Bé. 3.7

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

Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

Gene Griffith, Driller Joe Taylor, Driller  
Wesley Davis, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>85</u>	<u>85</u>	<u>Sand and caliche</u>
<u>85</u>	<u>145</u>	<u>360</u>	<u>Red beds</u>
<u>145</u>	<u>610</u>	<u>165</u>	<u>Anhydrite &amp; Red rock</u>
<u>610</u>	<u>1630</u>	<u>1020</u>	<u>Salt</u>
<u>1630</u>	<u>1880</u>	<u>250</u>	<u>Red rock and anhydrite</u>
<u>1880</u>	<u>2140</u>	<u>260</u>	<u>Anhydrite</u>
<u>2140</u>	<u>2240</u>	<u>100</u>	<u>Lime and anhydrite</u>
<u>2240</u>	<u>2930</u>	<u>690</u>	<u>Anhydrite</u>
<u>2930</u>	<u>3135</u>	<u>205</u>	<u>Shale and anhydrite</u>
<u>3135</u>	<u>3731</u>	<u>596</u>	<u>Lime</u>

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A 932

7/21/59: Ran Gamma Ray neutron log to 3,728' and perforated 5 7/8" casing from 3672'-3678' with 2 1/2 holes. Acidized perforations with a total of 3000 gallons acid.

7/28/59: Ran 2 1/2" tubing to 3659' and fractured perforations with 5500 gallons lease crude and 4500# sand. Shredded 18 bbls. Load oil in 10 hours.

7/30/59: Perforated 5 7/8" casing from 3601'-70' with 40 holes. Set plug at 3350' and sand-oil fractured perforations with 20,000 gallons oil and 20,000 sand.

8/4/59: Pulled plug and ran 2" tubing to 3231', set pumping unit and placed well on pump.

8/31/59: On 24 hour potential test well pumped 11 bbls. 35.7 gravity oil and 1 bbl. water. Completed at calendar day milestone of 11 bbls.

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

REQUEST FOR (OIL) - (GAS) ALLOWABLE New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

September 1, 1959

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Sinclair Oil & Gas Company  
(Company or Operator)

E.R. West "B"  
(Lease)

Well No. 22-X, in SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,

0  
Unit Letter

Sec. 9

T. 17S

R. 11E

NMPM,

Grayburg-Jackson

Pool

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

County Gray Date Spudded 5-31-59

Date Drilling Completed 7-14-59

Elevation 3871

Total Depth 3731 FBTD 3728 ft

Top Oil/Gas Pay 3131

Name of Prod. Form. Grayburg & San Andres

PRODUCING INTERVAL -

Perforations 3260-70 & 3672-78

Open Hole \_\_\_\_\_ Depth \_\_\_\_\_

Casing Shoe 3731 Tubing 3231

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): 14 bbls. oil, 1 bbls. water in 24 hrs, 0 min. Size Pump

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_

Choke Size \_\_\_\_\_ Method of Testing: \_\_\_\_\_

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 25,500 oil & 24500 sand from & 1,000 gal acid

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new \_\_\_\_\_  
Press. 25# Press. Pump oil run to tanks August 31, 1959

Oil Transporter Texas-New Mexico Pipeline Co.

Gas Transporter None - Gas Flared

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>8-5/8</u>	<u>694</u>	<u>100</u>
<u>5-1/2</u>	<u>3731</u>	<u>100</u>
<u>2</u>	<u>3231</u>	<u>Tbg</u>

Remarks:

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved \_\_\_\_\_, 19\_\_\_\_

Sinclair Oil & Gas Company  
(Company or Operator)

By: C.G. Salter  
(Signature)

Title Dist. Supt.  
Send Communications regarding well to:

OIL CONSERVATION COMMISSION

By: W.A. Grissett

Title OIL AND GAS INSPECTOR

Name C.G. Salter

Address 520 E Broadway, Hobbs, N.M.

Orig & Rec: OCC; cc: FHR, NFB, File

**OIL CONSERVATION COMMISSION  
ARTESIA DISTRICT OFFICE**

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ARAPAHO OIL MINES		

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

SEP 4 1959

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Sinclair Oil & Gas Company Lease H.E. West "B"

Well No. 22-X Unit Letter O S 9 T 17S R 31E Pool Grayburg-Jackson

County Elly Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit O S 9 T 17S R 31E

Authorized Transporter of Oil or Condensate Texas-New Mexico Pipeline Company

Address Box 1510, Midland, Texas  
(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

Address \_\_\_\_\_ Date Connected \_\_\_\_\_  
(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

Gas Flared - no transporter

Reasons for Filing: (Please check proper box) New Well (X)

Change in Transporter of (Check One): Oil ( ) Dry Gas ( ) C'head ( ) Condensate ( )

Change in Ownership ( ) Other ( )

Remarks: \_\_\_\_\_ (Give explanation below)

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 1st day of September 19 59

By Cl. Santos

Approved SEP 4 1959 19

Title Dist. Supt.

OIL CONSERVATION COMMISSION

Company Sinclair Oil & Gas Co.

By W.A. Gressett

Address 520 E Broadway, Hobbs, New Mexico

Title Oil and Gas Inspector

Orig Also: OGC; cc: FMR, HFD, File

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
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DISTRIBUTION		
OPERATOR	NO. COPIES	
SANTA FE	<u>2</u>	
PACIFIC COAST	<u>1</u>	
STATE OIL FIELD	<u>1</u>	
U. S. OIL		
IND. OIL		
OTHER		
TOTAL	<u>5</u>	<u>✓</u>