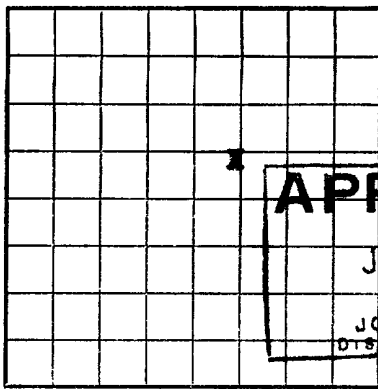


U. S. LAND OFFICE Las Cruces, N.M.SERIAL NUMBER LC 067981-A

LEASE OR PERMIT TO PROSPECT _____



JUN

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Valco Refineries, Inc. Address P. O. Box 660Lessor or Tract Grant Field Red Lake State New MexicoWell No. 1 Sec. 7 T. 128 R. 27E Meridian N. M. P. M. County EddyLocation 1980 ft. S. of North Line and 1980 ft. E. of East Line of Section 7 Elevation 3367'
(Derriok Boor 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 J. R. McKinn Title Drig. and Prod. Sup't.Date June 25, 1957

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

Commenced drilling June 13, 1957 Finished drilling June 24, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1610 to 1612' No. 4, from 1697 to 1704'No. 2, from 1645 to 1647' No. 5, from 1708 to 1712'No. 3, from 1662 to 1682' No. 6, from 1722 to 1724'

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from 1732 to 1736'No. 2, from _____ to _____ No. 4, from 1736 to 1738'

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>244</u>	<u>8</u>	<u>Youngs</u>	<u>379.36</u>	<u>Guide</u>	<u>None</u>	<u>1610</u>	<u>1612</u>	<u>Artesian String</u>
<u>5 1/2</u>	<u>1797</u>	<u>8</u>	<u>Youngs</u>	<u>225</u>	<u>Plug</u>	<u>1612</u>	<u>1612</u>	<u>1612</u>	<u>Artesian String</u>
HISTORY OF OIL OR GAS WELL									
MUDGING AND CEMENTING RECORD									
<u>8 5/8</u>	<u>979.36</u>	<u>400</u>	<u>Pump and Plug</u>	<u>Cemented</u>	<u>1732</u>	<u>1736</u>	<u>1736</u>	<u>1738</u>	<u>1740</u>
<u>5 1/2</u>	<u>1797</u>	<u>225</u>	<u>Pump and Plug</u>	<u>Cemented</u>	<u>1736</u>	<u>1738</u>	<u>1738</u>	<u>1740</u>	<u>1740</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

TOOLS USED

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

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

DATES

Spud June 13, 1957 Put to producing June 24, 1957The production for the first 24 hours was 54.9 barrels of fluid of which 91 % 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>800</u>	<u>800</u>	<u>Anhydrite and gyp with sand stringers.</u>
<u>800</u>	<u>900</u>	<u>100</u>	<u>Anhydrite, sand and gyp with dolomite stringers.</u>
<u>900</u>	<u>1000</u>	<u>100</u>	<u>Dolomite with few sand stringers.</u>
<u>1000</u>	<u>1120</u>	<u>120</u>	<u>Dolomite, sand and anhydrite</u>
<u>1120</u>	<u>1799 T.D.</u>	<u>679</u>	<u>Dolomite</u>

APPROVED

1201 1. 5 1418

TRONIC A MHO

...and the fact that the system is not yet fully operational, the Commission has decided to postpone the final decision on the matter until the end of 1992.

[Handwritten signature]

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of drilling, 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 "sinkerbed," or left in the well, give the size and location. If the well has been dynamited, give date, position, and number of shots. If pings 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

[illegible]

FORMATION RECORD—Continued

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED
Form C-104
(Revised 7/1/55)

REQUEST FOR (OIL) - (GAS) ALLOWABLE

JUN 25 1957
New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any oil well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-104 is filed. 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 oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Roswell, New Mexico June 25, 1957
(Place) (Date)

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

Malco Refineries, Inc. Gant Federal, Well No. 1, in SW 1/4 NE 1/4,
(Company or Operator) (Lease)
G (Unit), Sec. 7, T. 18S, R. 27E, NMPM., ~~Malco~~ Led Lake Pool
Eddy County. Date Spudded 6-13-57, Date Completed 6-24-57

Please indicate location:

		X	

Elevation 3367 D.F. Total Depth 1790', P.B. 1782'

Top oil/gas pay 1610' Top of Prod. Form 1610'

Casing Perforations: 1610-12', 1645-47', 1662-82', 1697-1704',
1708-12', 1722-24', 1732-36', 1756-58', or
1760-64'

Depth to Casing shoe of Prod. String 1790'

Natural Prod. Test BOPD

based on bbls. Oil in Hrs. Mins.

Test after acid or shot 50 BOPD

Based on bbls. Oil in Hrs. Mins.

Gas Well Potential

Size choke in inches 12/6"

Date first oil run to tanks or gas to Transmission system: June 24, 1957

Transporter taking Oil or Gas: Malco Refineries, Inc. Pipeline Division

Casing and Cementing Record
Size Feet Sax

8-5/8"	979.36'	400
5 1/2"	1790'	225

Remarks:

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

Approved JUN 25 1957, 19

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

OIL AND GAS INSPECTOR

Title

Malco Refineries, Inc.
(Company or Operator)

By: G. R. McKinn
(Signature)

Title: Dir. and Prod. Sup't.
Send Communications regarding well to:

Name: Malco Refineries, Inc.

Address: Box 660, Roswell, New Mexico

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received <u>5</u>		
DISTRIBUTION		
Number	2	
Location	1	
Education Office		
State Land Office		
U. S. G. S.		
Transporter		
File	1	✓

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Cons. Comm.
ARTESIA OFFICE

Company or Operator Malco Refineries, Inc. Lease Grant
Well No. 1 Unit Letter G S 7 T 18S R 27E Pool Adrian Red Lake
County Eddy Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit G S 7 T 18S R 27E
Authorized Transporter of Oil or Condensate Malco Refineries, Inc. Pipeline Division
Address P. O. Box 367, Artesia, New Mexico
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas _____
Address _____
(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:

No pipeline

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 25 day of June 19 57

Approved JUN 25 1957 19 _____

OIL CONSERVATION COMMISSION

By M. L. Armstrong
Title OIL AND GAS INSPECTOR

By J. R. Melton
Title Drig. and Prod. Sup't.

Company Malco Refineries, Inc.
Address P. O. Box 660
Roswell, New Mexico

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received		5
DISTRIBUTION		
	COPIES	
California	2	
San Francisco	1	
Frontier Office	1	
State Land Office		
U. S. G. S.		
Transporter		
File	1	✓

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date June 3, 1957

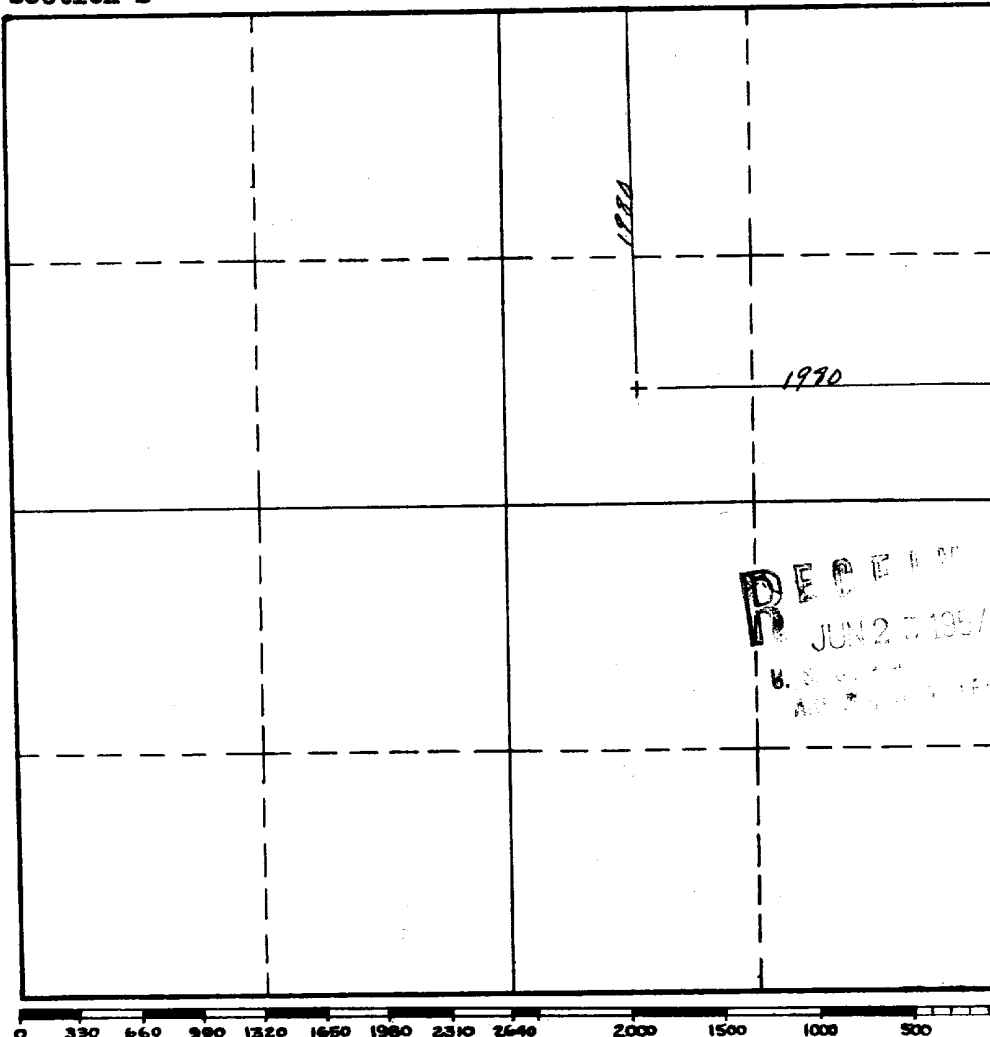
Operator Malco Refineries, Inc. Lease Walter H. Gent Federal
Well No. 1 Unit Letter G Section 7 Township 18S Range 27E NMPM
Located 1980 Feet From North Line, 1980 Feet From East Line
County Hidalgo G. L. Elevation 3360.5 Dedicated Acreage 40 Acres
Name of Producing Formation San Andres Pool Red Lake

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes Yes No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Malco Refineries, Inc.

(Operator)

[Signature]
(Representative)

P. O. Box 660, Roswell, N.M.
Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed April 30, 1957

[Signature]
Registered Professional
Engineer and/or Land Surveyor.

Certificate No. 963

(See instructions for completing this form on the reverse side)

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

OIL CONSERVATION COMMISSION	
ARTESIA DISTRICT OFFICE	
No. Copies Received <u>2</u>	
DISTRIBUTION	
	NO. FURNISHED
Operator	
Santa Fe	/
Proration Office	
State Land Office	
U. S. G. S.	
Transporter	
File	/

* "Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1953 Comp.)