

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)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator Continental Oil Company Lease Dale C. Cheesman

Well No. 2X Unit Letter A S 22 T 18S R 32E Pool Maljamar, South

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

If well produces oil or condensate, give location of tanks: Unit A S 22 T 18S R 32E

Authorized Transporter of Oil or Condensate Texas - New Mexico Pipe Line Company

Address P. O. Box 1510, Midland, Texas

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas None

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 market, Small amount produced is used for lease fuel and the rest vented.

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

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

Change in Ownership (X) Other ()

Remarks: _____ (Give explanation below)

Purchase of Buffalo Oil Company's properties and production by Continental.

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

Executed this the 16th day of August 1958

By W. A. Mead

Approved _____ 19 _____

Title District Superintendent

OIL CONSERVATION COMMISSION

Company Continental Oil Company

By [Signature]

Address P. O. Box 67

Title _____

Artesia, New Mexico

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029401
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 20 1951
OIL CONSERVATION COMMISSION
AS WELL OFFICE

LOG OF OIL OR GAS WELL-

LOCATE WELL CORRECTLY

Company Maljamar Oil & Gas Corp. Address Artesia, New Mexico
 Lessor or Tract Cheesman South Field/ Maljamar State New Mexico
 Well No. 2X Sec. 22 T. 18S R. 32E Meridian NMPM County Lea
 Location 660 ft. XXX of N. Line and 675 ft. XX of E. Line of Sec. 22 Elevation 3776

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 /s/ R. A. Shugart

Date 8-10-43 Title Treas.

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

Commenced drilling March 15, 1943 Finished drilling May 31, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3890</u> to <u>3905</u> S No. 2, from <u>4400</u> to <u>4420</u> G No. 3, from <u>4640</u> to <u>4675</u>	No. 4, from <u>4770</u> to <u>4790</u> No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from <u>520</u>	to <u>600</u>	No. 3, from _____	to _____
No. 2, from <u>4829</u>	to <u>4840</u>	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—	
10"	40	10	J&L	1165	Texas				
7"	20	10	Smls	3940	"				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	1165	50 sacks	Halliburton	Mudded to	top of hole
7"	3940	150 "	Halliburton		

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
5 1/2"	shells	Nitro	90 qts	6-8	4771-4790	Cleaned to bottom
5"	"	"	180 "	6-22	4630-4676	Cleaned to 4790

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 4840 feet, and from _____ feet to _____ feet

DATES

August 10, 1943 Put to production as of Aug. 1, 1943

The production for the first 24 hours was 75 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity. °Bé. 34.6

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

EMPLOYEES	
Q. E. Wood	Driller
G. H. Harris	Driller
Paul Critton	Driller
J. E. Lynch	Driller

FORMATION RECORD

[illegible]

FROM-	TO-	TOTAL FEET	FORMATION
			HISTORY OF CHEESMAN 2-X WELL
			On March 15, 1943, we started the drilling of this wildcat well. The well was drilled entirely with cable tools. It was necessary for us to run a temporary string of 12 1/2" pipe in order to prevent caving after we encountered water at approximately 500 feet. This 12 1/2" casing was pulled after the 10 1/2" casing was set.
			We set 1165 feet of 10" casing and cemented with 50 sacks of cement running mud ahead of the cement to the top of the hole. After letting this cement set for 72 hours we drilled ahead and made test for water shut off. This test showed the water to be completely shut off. We drilled the 10" hole to 2553 feet at which point we reduced to an 8" hole. We did not run 8" casing but left this shoulder in order that 8" casing could be run.
			The 8" hole was drilled to 3940 feet at which point we ran 7" casing and set this casing after placing 10 sacks of aquafel in the hole. The casing was not cemented at this time due to the fact that we would lower the casing if we encountered water before reaching the expected producing horizon. We drilled the 7" hole to the total depth of 4840 feet.
			From 4829 to 4840 we encountered a water sand and immediately started to plug back in order to eliminate the water. In plugging back we used 1100# of lead wool and cemented with quick setting cement. These plugging operations were run back to 4825 feet. After letting the cement set we found that the water was not completely shut off and we added 200# of lead wool and recemented, thus plugging the hole back to approximately 4796 feet. After letting this cement set we made tests and these tests showed the water was completely shut off.
			On June 8th we shot this well with nitroglycerin, using 5 1/2" shells from 4721 to 4790 feet, the total amount of nitro glycerin used was 80 lbs. The well was then cleaned out to 4790 feet and tested. This test showed an increase in oil of approximately 10 barrels per day. We then placed a bridge just under the 7" casing and cemented this casing with 150 sacks of cement. After letting the cement set 72 hours we drilled out the bridge and made test for water shut off which showed a complete shut off. We then shot the well from 4730 to 3606 feet with nitroglycerin using 5" shells, making a total shot of 180 qts. We put 20 feet of gravel on top of the shot. The well was then cleaned out to 4790 feet.
			Logging was then placed in the well and on the first 24 hour test the well produced 25 barrels of oil.
			There is not enough gas in the well to flow it and we are at the present time installing a pumping unit.