

REQUEST FOR (OIL) - (GAS) ALLOWABLE 1958 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.

Artesia, New Mexico May 31, 1958

(Place)

(Date)

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

Miller Brothers Oil Company Western Development, Well No. 2, in SW 1/4 SE 1/4,

(Company or Operator)

(Lease)

0 / Sec. 14, T. 19-S, R. 28-E, NMPM., Undesignated Pool

Unit Letter

Eddy

County. Date Spudded 4/19/58 Date Drilling Completed 5/12/58

Elevation 3390 Total Depth 1722 PBD -0-

Top Oil/Gas Pay 1715 Name of Prod. Form. Penrose

PRODUCING INTERVAL -

Perforations None

Open Hole 1715-1722 Depth Casing Shoe 1715 Depth Tubing 1692

OIL WELL TEST -

Natural Prod. Test: 40 bbls. oil, -0- bbls water in 24 hrs, -0- min. Size Ball

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 336 bbls. oil, -0- bbls water in 24 hrs, -0- min. Size 1/16

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) 250 gals. breakdown acid, 19,000 lbs. sand, 15,000 gals. oil

Casing 300 Tubing 160 Date first new Press. 300 Press. 160 oil run to tanks May 19, 1958

Oil Transporter Malco Refineries Inc., Roswell, New Mexico

Gas Transporter None

Remarks \* 7" pulled from 612' when 5-1/2" casing set.

Tubing, Casing and Cementing Record

Size	Feet	Sax
8-5/8	290	50
5-1/2	1715	50
7 *	612	5 sax Aquagel

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

Approved JUN 2 1958, 19

Miller Brothers Oil Company

(Company or Operator)

By: C. V. Miller

(Signature)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title Partner

Send Communications regarding well to:

Title

Name Miller Brothers Oil Company

Address Box 638 Artesia, New Mexico

OIL CONSERVATION COMMISSION  
ARTERIAL OFFICE  
No. Copies 5  
2  
✓  
✓

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

JUN 2 1958

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES  
LOCATE WELL CORRECTLYMiller Brothers Oil Company  
(Company or Operator)Western Development  
(Lease)Well No. 2, in SW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 14, T. 19-S, R. 24-E, NMPM.Undesignated Pool, Fddy County.Well is 660 feet from South line and 1900 feet from East lineof Section 14. If State Land the Oil and Gas Lease No. is 648Drilling Commenced April 19, 19 58 Drilling was Completed May 22, 19 58Name of Drilling Contractor Miller Brothers Oil CompanyAddress Box 638 Artesia, New MexicoElevation above sea level at Top of Tubing Head 3390. The information given is to be kept confidential until Not confidential, 19     

## OIL SANDS OR ZONES

No. 1, from 1715 to 1722 No. 4, from      to     No. 2, from      to      No. 5, from      to     No. 3, from      to      No. 6, from      to     

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 175 to 185 feet.No. 2, from 375 to 390 feet.No. 3, from      to      feet.No. 4, from      to      feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24 lb.	Used	290'	Texas Pattern		None	Water Shut-off
7"	20 lb.	Used	612'	Guide	612'	None	Water Shut-off
6-1/2"	14 lb.	New	1715'	Guide		None	Oil String

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8"	290'	50	Pump		None
8"	7"	612'				5 sacks Aquagel
6-5/8"	5-1/2"	1715'	50	Pump		None

## RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Dowell fracked open hole 1715-1722 with 250 gals. breakdown acid, 19,000 lbs. sand,  
15,000 gals. of oil, minimum pressure 1800 psi, maximum pressure 2400 psi.

Result of Production Stimulation Increased production from 40 bbls. per day natural to 336 bbls. per day.Depth Cleaned Out

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.  
Cable tools were used from.....0.....feet to.....1722.....feet, and from.....feet to.....feet.

## PRODUCTION

Put to Producing.....May 19....., 1958.....

OIL WELL: The production during the first 24 hours was.....336.....barrels of liquid of which.....100.....% was  
was oil;.....0.....% was emulsion;.....0.....% water; and.....0.....% was sediment. A.P.I.  
Gravity.....37.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of  
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

### Northwestern New Mexico

T. Anhy.....590.....	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....375.....	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....590.....	T. Montoya.....	T. Farmington.....
T. Yates.....820.....	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....1125.....	T. McKee.....	T. Menefee.....
T. Queen.....1655.....	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	T. Granite.....	T. Dakota.....
T. Glorieta.....	T. ....	T. Morrison.....
T. Drinkard.....	T. ....	T. Penn.....
T. Tubbs.....	T. ....	T. ....
T. Abo.....	T. ....	T. ....
T. Penn.....	T. ....	T. ....
T. Miss.....	T. ....	T. ....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Gyp, caliche	1495	1510	15	Sandy lime
40	60	20	Red rock	1510	1534	24	Red rock
60	65	5	Anhydrite	1534	1606	72	Lime
65	75	10	Gyp	1606	1610	4	Anhydrite, sandy shale
75	150	75	Red rock	1610	1637	27	Lime
150	175	25	Gyp	1637	1715	78	Sandy lime
175	185	10	Water sand	1715	1722	7	Oil sand
185	365	180	Gyp, red rock	1722			Total Depth
365	375	10	Red bed	OIL COMMISSION ARTESIA DISTRICT OFFICE 11-10-58 ✓			
375	590	215	Salt, water				
590	615	25	Anhydrite				
615	670	55	Shale, anhydrite				
670	795	125	Anhydrite				
795	1045	250	Anhydrite, red rock				
1045	1105	60	Anhydrite, shale				
1105	1125	20	Anhydrite				
1125	1175	50	Black shale				
1175	1212	37	Anhydrite, sandy shale				
1212	1217	5	Lime (show of oil)				
1217	1410	193	Lime				
1410	1425	15	Anhydrite, red rock				
1425	1455	30	Lime, anhydrite				
1455	1472	17	Anhydrite, red rock				
1472	1479	7	Lime				
1479	1495	16	Anhydrite, red rock				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

June 2, 1958

(Date)

Company or Operator.....Miller Brothers Oil Company.....

Address.....Box 638 Artesia, New Mexico.....

Name.....C. Miller.....

Position or Title.....Partner.....