

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

JUN 18 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

Western - Yates

State 648 Tr. 15

(Company or Operator)

(Lease)

Well No. 143, in NE 1/4 of SW 1/4, of Sec. 14, T. 19 S, R. 28 E, NMPM.

Undesignated

Pool,

Eddy

County.

Well is 1980 feet from South line and 1980 feet from West line

of Section 14. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced April 24, 1958 Drilling was Completed June 2, 1958

Name of Drilling Contractor Miller Brothers Oil Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3427 DF The information given is to be kept confidential until
---, 19---

OIL SANDS OR ZONES

No. 1, from 1744 to 1762 No. 4, from to

No. 2, from 1798 to 1814 No. 5, from to

No. 3, from 1860 to 1870 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 100 to 130 feet. Could not bail

No. 2, from 215 to 225 feet. Could not bail

No. 3, from 425 to 450 feet. 3 1/4 bailers per hr.

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#	New	606'	Reg	Not	None	Surface
7"	23#	Used	1892'	Fleet	Not	1744-1762'	Production
						1798-1814	
						1860-1870	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8"	606	150	Denton	15#	Hole full
8"	7"	1892	100	"	--	None

RECORD OF PRODUCTION AND STIMULATION

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

Perf. 1744-62'; SOF with 24,000 gals. and 55,000# sand

Perf. 1798-1814'; SOF with 11,750 gals. and 23,500# sand

Perf. 1860-70'; SOF with 10,000 gals. and 20,000# sand.

Result of Production Stimulation

Depth Cleaned Out 1892'

ORD OF DRILL-STEM AND SPECIAL TE

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 1892 feet, and from feet to feet.

PRODUCTION

Put to Producing June 18, 1958

OIL WELL: The production during the first 24 hours was 110 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % 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	T. Devonian	T. Ojo Alamo
T. Salt 425	T. Silurian	T. Kirtland-Fruitland
B. Salt 580	T. Montoya	T. Farmington
T. Yates 820	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 1200	T. McKee	T. Menefee
T. Queen 1660	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	210	210	Sand and gravel	1240	1275	35	Dolomite and sand
210	280	70	Gravel	1275	1330	55	Dolomite, tan
280	310	30	Blue shale	1330	1420	90	Pink and tan dolomite
310	405	95	Red Shale	1420	1540	120	Pink dolomite, red sand
405	425	20	Anhy.	1540	1620	80	Pink and tan dolomite
425	600	175	Salt	1620	1670	50	Dolomite and red sand
600	765	165	Anhy.	1670	1705	35	Red Sand
765	820	55	Anhy. some dolomite	1705	1735	30	Dolomite and grey sand
820	840	20	Red sand	1735	1765	30	Grey sand
840	910	70	Anhy.	1765	1795	30	Dolomite
910	950	40	Anhy. and sand	1795	1815	20	Grey sand
950	1125	175	Anhy. and red shale	1815	1860	45	Dolomite and grey sand
1125	1195	70	Anhy. and sand	1860	1870	10	Grey sand
1195	1205	10	Dolomite, grey shale	1870	1892	22	Grey sand and dolomite
1205	1240	35	and red sand				
			Dolomite and grey shale				

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.

Company or Operator Western - Yates

Name R. E. - Johnson

June 18, 1958

Address P. O. Box 427, Artesia, N. M.

Position or Title Dist. Supt.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (~~GAS~~) ALLOWABLE

JUN 18 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 June 18, 1958

(Place)

(Date)

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

Western - Yates State 648 Tr. 15, Well No. 143, in NE 1/4 SW 1/4,

(Company or Operator)

(Lease)

K, Sec. 14, T. 19 S, R. 28 E, NMPM, Undesignated Pool

Eddy

County. Date Spudded 4-24-58 Date Drilling Completed 6-2-58

Please indicate location:

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

Elevation 3427 DF Total Depth 1892' PBD ---

Top Oil/Gas Pay 1744' Name of Prod. Form. Queen

PRODUCING INTERVAL -

Perforations 1744-62'; 1798-1814'; 1860-70'

Open Hole None Depth 1892' Casing Shoe 1716'

OIL WELL TEST -

Natural Prod. Test: 10 bbls. oil, No bbls water in 24 hrs, min. 0.000 bbls/day

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 110 bbls. oil, No bbls water in 24 hrs, min. 0.000 bbls/day

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): 45,000 gals. crude oil and 98,500# sand

Casing Press. 350 Tubing Press. 175 Date first new oil run to tanks June 18, 1958

Oil Transporter Malco Refineries, Inc. (P. L. Division)

Gas Transporter

Remarks:

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

Approved: JUN 20 1958, 19

Western - Yates

(Company or Operator)

By: L. A. Hanson (Signature)

Dist. Supt.

Title: Send Communications regarding well to:

Name: Western - Yates

Address: P. O. Box 427, Artesia, N. M.

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title:

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

No. Copies Received 6

DISTRIBUTION

	FURNISHED
Director	<u>3</u>
Asst. Dir.	<u>1</u>
Regional Office	<u>1</u>
Art. and Dist. Office	
U. S. G. C.	
Transporter	
File	<u>1</u> ✓

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

JUN 19 1958

Company or Operator Western - Yates Lease State 648 Tr. 15

Well No. 143 Unit Letter K ☒ S 14 T 19S R 28E Pool Undesignated

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

If well produces oil or condensate, give location of tanks: Unit K S 14 T 19S R 28E

Authorized Transporter of Oil or Condensate Malco Refineries, Inc. (P. L. Division)

Address P. O. Box 125, Artesia, New Mexico
(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 pipe line.

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

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 16th day of June 19 58

By P. A. Hanson

Approved JUN 20 1958 19 58

Title Dist. Supt.

OIL CONSERVATION COMMISSION

Company Western - Yates

By M. L. Armstrong

Address P. O. Box 427

Title OIL AND GAS INSPECTOR

Artesia, New Mexico

File # 100-441111 Received

[illegible]