



NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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 CORRECTLY

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

Well No. 144, in NW 1/4 of SW 1/4, of Sec. 14, T. 19 S, R. 28E, NMPM.
East Millman Queen Pool, Eddy County.

Well is 1980 feet from South line and 660' feet from West line
of Section 14. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced September 18, 1958. Drilling was Completed November 1, 1958.

Name of Drilling Contractor Reach & Shepard Drilling Co.

Address 103 South Second Street, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3549. The information given is to be kept confidential until _____, 19_____.

OIL SANDS OR ZONES

No. 1, from 1756 to 1765 No. 4, from _____ to _____
No. 2, from 1771 to 1783 No. 5, from _____ to _____
No. 3, from 1822 to 1836 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 250 to 5 bailers/hr. _____ feet.
No. 2, from _____ to _____ 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
10 3/4	32.75	New	612	Texas			Surface
8 5/8	24	New	1877	Texas	1845		Shut off caving
5 1/2	14	New	2596	Packer shoe		1756-65 1771-83 1822-36	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	10 3/4	612	100	Pump	None	None
10	8 5/8	1877	set and pulled		"	"
8	5 1/2	2596	250	Pump	"	"

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 2487-97' and SOF with 100 gals. mud acid, 9,000 gals. oil and 15,000# sand. Swabbed down with slight show gas and slight amount sulphur water. Set Bridge Plug at 1950' and perforated 1756-65', 1771-83', and 1822-36'. Sand-oil fractured with 100 gals. mud acid, 28,500 gals. oil and 18,500# sand. Flowed well to tanks and after recovery all lead, well flowed 181 BOPD thru 1/2" choke.

Depth Cleaned Out 1950'

LOG 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 0 feet to 2986 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 2986 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing November 10, 1958
OIL WELL: The production during the first 24 hours was 181 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 37.5
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. 430	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. 608	T. Montoya.	T. Farmington.
T. Yates. 840	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers. 1252	T. McKee.	T. Menefee.
T. Queen. 1678	T. Ellenburger.	T. Point Lookout.
T. Grayburg. 2020	T. Gr. Wash.	T. Mancos.
T. San Andres. 2485	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	30	30	Surface beds				
30	195	165	Sand and gravel				
195	430	235	Red Beds and sand				
430	608	178	Salt				
608	848	240	Anhy.				
848	860	12	Red sand				
860	1175	315	Anhy.				
1175	1680	505	Lime				
1680	1710	30	Red Sand				
1710	1755	45	Lime				
1755	1783	28	Oil sand with lime stringers				
1783	1828	45	Lime				
1828	1838	10	Sand				
1838	2086	248	Lime and sand				
2086	2986	900	Lime and dolomite				

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.

November 14, 1958 (Date)
Company or Operator Western - Yates Address P. O. Box 427, Artesia, N.M.
Name W B Macey Position or Title Chairman of Operating Comm.

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

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 QUADRUPPLICATE 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, N.M.

November 14, 1958

(Place)

(Date)

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

Western - Yates State 648 Tr. 15, Well No. 144, in NW 1/4 SW 1/4,
(Company or Operator) (Lease)

Sec 14, T. 19 S, R. 28 E, NMPM, East Millman Queen Pool
Unit Letter

Eddy

County. Date Spudded 9-18-58

Date Drilling Completed 11-1-58

Please indicate location:

Elevation 3449 DF

Total Depth 2986

PBTD 1950

Top Oil/Gas Pay 1756

Name of Prod. Form. Queen Sand

PRODUCING INTERVAL -

Perforations 1756-65, 1771-83, 1822-36

Open Hole Depth 2596

Depth Tubing 1820

OIL WELL TEST -

Natural Prod. Test: 18.5 bbls. oil, -- bbls water in 24 hrs, min. Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 181 bbls. oil, 0 bbls water in 24 hrs, min. Size 1/2"

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): 28,500 gals., 100 gals. mud acid and 18,500 sand

Casing Tubing Date first new Press. 510 275 oil run to tanks November 10, 1958

Oil Transporter Malco Refineries, Inc. (Pipe Line Division)

Gas Transporter None

Tubing, Casing and Cementing Record

Size	Feet	Size
10 3/4	612	100
8 5/8	1877	Pulled
5 1/2	2596	250
2" tbg.	1820	

Remarks:

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

Approved: NOV 14 1958, 19

Western - Yates

(Company or Operator)

By: W B Macey

(Signature)

Title: Chairman of Operating Committee

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 AND GAS INSPECTOR

RESERVATION COMPANY
RESERVATION COMPANY
RESERVATION COMPANY

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 Western - Yates Lease State 648 Tr. 15

Well No. 144 Unit Letter L [✓] S 14 T 19S R 28E Pool E. Millman Queen

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

If well produces oil or condensate, give location of tanks: Unit K S14 T 19S R 28E

Authorized Transporter of Oil ~~xxxxxxxxxxxx~~ 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 market, gas being flared

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

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 14th day of November 1958

By W B Macey
Title Chairman of Operating Comm.

Approved NOV 14 1958 1958

OIL CONSERVATION COMMISSION

By M L Armstrong
Title OIL AND GAS INSPECTOR

Company Western - Yates
Address P. O. Box 427
Artesia, New Mexico

Oil & Gas Division, U.S. Bureau of Land Management
 1000 G Street, N.W., Washington, D.C. 20540
 Phone (202) 254-2000
 Fax (202) 254-2000

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Western - Yates P. O. Box 427 Artesia, New Mexico
(Address)

LEASE State 648 Tr. 15 WELL NO. 144 UNIT L S 14 T 19S R 28E
DATE WORK PERFORMED 11-9 & 11-10-58 POOL E. Millman Queen

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Fracturing

Detailed account of work done, nature and quantity of materials used and results obtained.

We set Bridge Plug at 1950' and perforated 1822-36' with 4 shots per foot, Sand-oil fractured with 17,500 gals. and 8,500# sand. Set Bridge Plug at 1800' and perforated 1771-83' with 4 shots per foot and 1756-65' with 4 shots per foot, sand-oil fractured with 100 gals. mud acid, 11,000 gals. crude oil and 10,000# sand. Drilled out Bridge Plug at 1800' and ran 2" tubing to 1820'. Flowed lead oil back to tanks at rate of 35-40 bbls. per hr. After recovering all lead oil, well flowed 181 bbls. in 24 hours thru 1/2" choke.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by _____	(Company) _____	

OIL CONSERVATION COMMISSION

Name ML Armstrong
Title OIL AND GAS INSPECTOR
Date NOV 14 1958

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

Name W B Macey
Position Chairman of Operating Comm.
Company Western - Yates

OIL CONSERVATION COMMISSION
 REPT. OF THE COMMISSION
 ON THE
 CONSERVATION OF OIL
 IN THE
 UNITED STATES
 1911