

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 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 March 5, 1959

(Place)

(Date)

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

Western - Yates

State 648 Tr. 15

Well No. 147

in SW

1/4 NW

(Company or Operator)

E

14

T 19 S

R 28 E

NMPM,

E. Millman Queen Grayburg

Pool

Unit Letter

Eddy

County Date Spudded 1-26-59

Date Drilling Completed 2-26-59

Please indicate location:

Elevation 3444 DF

Total Depth 2255

PBTD 2253

Top Oil/Gas Pay 1808

Name of Prod. Form. Queen - Grayburg

PRODUCING INTERVAL -

Perforations 1808-13' 1824-44' 1916-28' 2076-86' 2090-2100' 2106-16'

Open Hole --

Depth

2255

Depth

2150

OIL WELL TEST -

Natural Prod. Test: 30 bbls. oil, - bbls water in 24 hrs, - min. Choke Size

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 286 bbls. oil, 0 bbls water in 24 hrs, - min. Choke 3/4"

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): 83,392 gals. oil and 138,500 lbs. sand

Casing 610 Tubing 380 Date first new March 4, 1959
Press. Press. oil run to tanks

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

Gas Transporter None

Tubing, Casing and Cementing Record

Size Feet Sax

10 3/4	336	75
8 5/8	1967	mudded pulled
4 1/2	2255	250
2" tbg.	2150	

Remarks:

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

Approved, 19

Western - Yates

(Company or Operator)

By:

(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:

Title

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
(Undes)
Well No. 147 Unit Letter E^N S 14 T 19 S R 28 E Pool E. Millman Queen Grayburg
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 19 S R 28 E
Authorized Transporter of Oil ~~and 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:
Gas being flared - no market.

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 _____ day of _____ 19 _____

Approved _____ 19 _____

OIL CONSERVATION COMMISSION

By ML Armstrong

Title _____

By LB Bracey

Title Chairman of Operating Committee

Company Western - Yates

Address P. O. Box 427

Artesia, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Western - Yates				Address P. O. Box 427, Artesia, New Mexico			
Lease State 648		Well No. 147	Unit Letter E	Section 14	Township 19 S	Range 28 E	
Date Work Performed 2-26 thru 3-3 - 1959		Pool (Undesignated) E. Millman Queen Grayburg			County Eddy		
THIS IS A REPORT OF: (Check appropriate block)							
<input type="checkbox"/> Beginning Drilling Operations		<input checked="" type="checkbox"/> Casing Test and Cement Job		<input checked="" type="checkbox"/> Other (Explain): Fracking			
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work					
Detailed account of work done, nature and quantity of materials used, and results obtained. <p>We drilled to total depth 1967' and ran 1967' of 8 5/8" casing and mudded with 100 sax aquagel to shut off oil in upper Queen. We drilled to total depth 2255' and pulled 8 5/8" casing and ran 2255' of 4 1/2" O.D. 11.6 lbs./ft. casing and cemented with 250 sax cement. Let stand 72 hours. Rigged up completion rig. Ran Gamma Ray - Nuutron survey to total depth and perforated 2106-16', 2090-2100' 2076-86' with 4 shots per ft. and sand-oil fraced with 39,398 gals. and 42,000 lbs. sand, using 40 rubber balls during treatment. Set bridge plug at 1948' and perforated 1916-1928' with 4 shots per ft. and sand-oil fraced with 16,750 gals. and 16,000 lbs. sd. Set bridge plug at 1866' and perforated 1808-13', 1824-44' and sand-oil fraced with 39,144 gals. and 80,500 lbs. sd. Drilled out bridge plugs to plug back depth 2253'. Ran 2" tubing to 2150' and flowed load oil to tanks. After all load oil recovered well flowed 286 BOPD thru 3/4" choke. Flowing tubing pressure 380 lbs. Flowing casing pressure 610 lbs. Completed March 4, 1959.</p>							
Witnessed by Loree Evans		Position Field Supt.		Company Western - Yates			
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.		T D		P B T D		Producing Interval	
Completion Date							
Tubing Diameter		Tubing Depth		Oil String Diameter		Oil String Depth	
Perforated Interval(s)							
Open Hole Interval				Producing Formation(s)			
RESULTS OF WORKOVER							
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD	
Before Workover							
After Workover							
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.			
Approved by <i>M. L. Armstrong</i>				Name <i>W. B. Macey</i>			
Title <i>Chairman of Operating Committee</i>				Position Chairman of Operating Committee			
Date <i>3/11/59</i>				Company Western - Yates			

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Western - Yates			Address P.O. Box 427, Artesia, New Mexico			
Lease State 648	Well No. 147	Unit Letter E ✓	Section 14	Township 19 S	Range 28 E	
Date Work Performed Jan. 30, 1959	Pool (Undesignated) E. Millman Queen Grayburg			County Eddy		

THIS IS A REPORT OF: (Check appropriate block)

☒ Beginning Drilling Operations
 ☒ Casing Test and Cement Job
 ☐ Other (Explain):
☐ Plugging
 ☐ Remedial Work

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

We spudded Jan. 26, 1959 and drilled to 336'. Encountered water at 230-237'.

We ran new 10 3/4" seamless 32.75 lb./ft. casing to 336' and cemented with 75
 sax. Let stand 48 hours. Drilled plug. Hole tested OK. Resumed drilling
 operations. Top of salt 442'. Base of Salt 615'.

Witnessed by George Denton	Position Owner	Company Denton Cementing Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by <i>M. L. Armstrong</i>	Name <i>W. B. Bracey</i>
Title <i>Secretary</i>	Position Chairman of Operating Committee
Date <i>1/31</i>	Company Western - Yates