



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

## WELL RECORD

DEC 15 1959

Mail to District Office, Oil Conservation Commission, to which Form C-108, 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

(Company or Operator)

State 648, Tr. 15

(Lease)

Well No. 1156, in SW 1/4 of SE 1/4, of Sec. 15, T. 19S, R. 28E, NMPM.

East Millman Queen Grayburg Pool, Eddy County.

Well is 660 feet from South line and 1980 feet from East line

of Section 15. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced 10/27, 1959 Drilling was Completed 11/27, 1959

Name of Drilling Contractor ROACH DRILLING COMPANY

Address ARTESIA, NEW MEXICO

Elevation above sea level at Top of Tubing Head 3433'

-None-

The information given is to be kept confidential until

, 19

### OIL SANDS OR ZONES

No. 1, from 1788 to 1802

No. 2, from 2058 to 2063

No. 3, from to

No. 4, from to

No. 5, 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 215 to 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	357	Guide			Surface
8 5/8	24	Used	1877	Guide			Shut off oil
4 1/2	11.6	New	2270	Float		2058-63'	Production
						1788-1802'	

### 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	10 3/4	357	75	Pump		
10	8 5/8	1877		Pump		20 sac
8	4 1/2	2270	450	Pump		

### RECORD OF PRODUCTION AND STIMULATION

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

S. O. F. 2058-63' - with 27,500 lb. Sand and 17,000 gals. oil. S. O. F. 1788-1802'

with 55,000 lb. Sand and 30,000 gals. oil.

Result of Production Stimulation Well flowed 150 bbls. oil in 24 hrs. 1/2" choke.

Depth Cleaned Out 2248

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.....feet to.....feet, and from.....feet to.....feet.

## PRODUCTION

Put to Producing....., 19.....

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

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

T. Anhy.....  
T. Salt.....  
B. Salt.....  
T. Yates.....  
T. 7 Rivers.....  
T. Queen.....  
T. Grayburg.....  
T. San Andres.....  
T. Glorieta.....  
T. Drinkard.....  
T. Tubbs.....  
T. Abo.....  
T. Penn.....  
T. Miss.....

T. Devonian.....  
T. Silurian.....  
T. Montoya.....  
T. Simpson.....  
T. McKee.....  
T. Ellenburger.....  
T. Gr. Wash.....  
T. Granite.....  
T.....  
T.....  
T.....  
T.....  
T.....

## Northwestern New Mexico

T. Ojo Alamo.....  
T. Kirtland-Fruitland.....  
T. Farmington.....  
T. Pictured Cliffs.....  
T. Menefee.....  
T. Point Lookout.....  
T. Mancos.....  
T. Dakota.....  
T. Morrison.....  
T. Penn.....  
T.....  
T.....  
T.....  
T.....  
T.....

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	195	195	Red Sand and Shale	1480	1490	10	Dolo, Anhy & Red Sand
195	200	5	Anhy	1490	1500	10	Pink Dolo
200	240	40	Anhy and Sand	1500	1510	10	Red and Gray Sand
240	335	95	Anhy and Red bed	1510	1640	130	Dolo, 1/2 Pink & Anhy
335	407	72	Anhy	1640	1685	45	Red Sand
407	552	145	Salt	1685	1785	100	Dolo, Red Shale, Anhy
552	602	50	Anhy	1785	1910	125	Red and Gray Sand
602	638	36	Anhy and Shale	1910	1930	20	Dolo and Gray Sand
638	730	92	Anhy	1930	1980	50	Dolo
730	742	12	Lime	1980	2020	40	Dolo and Gray Sand
742	1100	358	Anhy	2020	2040	20	Dolo
1100	1160	60	Anhy, Red Shale & Red Sand	2040	2080	40	Dolo and Chert
1160	1190	30	Dolo, 1/2 Pink and Gray Shale	2080	2120	40	Dolo
1190	1210	20	Dolo, Red and Gray Sand	2120	2150	30	Dolo and Gray Sand
1210	1250	40	Dolo and Gray Shale	2150	2190	30	Dolo
1250	1310	60	Dolo and Anhy	2190	2230	30	Gray Sand and Dolo
1310	1350	40	Dolo, partly pink	2230	2240	10	Gray Sand
1350	1480	130	Dolo, 1/2 pink, Anhy	2240	2273	33	Dolo
							Dolo and Gray Sand
					TD	2273	

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.....

Address.....

Name.....

Position or Title.....

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

RECEIVED

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

REQUEST FOR (OIL) - (GAS) ALLOWABLE

DEC 15 1959

New Well  
Recompletion

O. C. C.

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

12/9/59

(Place)

(Date)

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

Western - Yates

(Company or Operator)

OV

Sec. 15

T. 19S

R. 28E

Well No. 156

in SW 1/4

SE 1/4

NMPM, E. Millman Queen Grayburg

Pool

Eddy

County. Date Spudded 10/27/59

Date Drilling Completed 11/27/59

Please indicate location:

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

660 FSL - 1980 FEL

Elevation G.L. 3435'

Total Depth 2273 PBD 2246

Top Oil/Gas Pay 1788'

Name of Prod. Form. Queen Grayburg

PRODUCING INTERVAL -

Perforations 2058-63'

1788-1802'

Open Hole None

Depth 2246' Depth Tubing 1791'

OIL WELL TEST -

Natural Prod. Test: 24 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): 150 bbls. oil, \_\_\_\_\_ bbls water in 24 hrs, \_\_\_\_\_ min. Size 1 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):

Fract w/ 82,500 lb. Sand and 47,500 gals. of lease oil.

Casing Press. 350 Tubing Press. 160 Date first new oil run to tanks 12/12/59

Oil Transporter Continental Pipe-Line Company Western District

Gas Transporter -None-

Remarks:

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

Approved DEC 15 1959, 19

Western - Yates

(Company or Operator)

By:

(Signature)

Title Assistant District Superintendent

Send Communications regarding well to:

Name Western - Yates

Address P. O. Box 427, Artesia, New Mexico

OIL CONSERVATION COMMISSION

By: M.L. Armstrong

Title OIL AND GAS INSPECTOR

OIL CONSERVATION COMMISSION		
ADMINISTRATIVE OFFICE		
Mc Graw-Hill		
PRIME		
GENERAL	FILE	
SALES		
PRODUCTION		
STATE LANDS OFFICE		
U. S. G. S.		
TRANSPORTER		/
FILE		
BUREAU OF MINES		

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55 D

(File the original and 4 copies with the appropriate district office)

DEC 15 1959

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

O. C. C.  
ARTESIA, OFFICE

Company or Operator Western - Yates Lease State 648, Tr. 15  
Well No. 156 Unit Letter O V S 15 T 19S R 28E 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 P S 15 T 19S R 28E

Authorized Transporter of Oil ~~Oil~~ Western Development Company of Delaware

Address Post Office Box 427, 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 -

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

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 December 19 59

Approved DEC 15 1959 19 \_\_\_\_\_

By [Signature]

Title Assistant District Superintendent

Company Western - Yates

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

OIL CONSERVATION COMMISSION  
By [Signature]  
Title OIL AND GAS INSPECTOR



## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

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

DEC 15 1959

FORM C-103  
(Rev 3-55)

RECEIVED

ARTESIA, OFFICE

Name of Company <b>Western - Yates</b>		Address <b>P.O. Box 427, Artesia, New Mexico</b>				
Lease <b>State 648, Tr. 15</b>	Well No. <b>156</b>	Unit Letter <b>O<sup>V</sup></b>	Section <b>15</b>	Township <b>19 South</b>	Range <b>28 East</b>	
Date Work Performed <b>12/9/59 - 12/10/59</b>	Pool <b>E. Millman Queen Grayburg</b> <input checked="" type="checkbox"/>			County <b>Eddy</b>		

THIS IS A REPORT OF: (Check appropriate block)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Beginning Drilling Operations | <input type="checkbox"/> Casing Test and Cement Job | <input checked="" type="checkbox"/> Other (Explain): |
| <input type="checkbox"/> Plugging                      | <input type="checkbox"/> Remedial Work              | <b>Perforating and Sand-oil frac.</b>                |

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

Tested Casing o.k. Set bridge plug @ 2070'. Perf: 2058-63' with 3 shots per foot. Dumped 250 gals. of M.C.A. Acid broke formation down. Treated with 27,500 lb. sand and 17,000 gals. of lease oil. Set bridge plug at 1810' - perf. with 3 shots per foot 1788-1802'. Treated with 55,000 lb. sand and 30,000 gals. of lease oil. Shut in pressure was 1400 lb. Shut well in over night. Drilled out bridge plug. Now flowing load oil to tanks.

Witnessed by <b>Loree Evans</b>	Position <b>Field Superintendent</b>	Company <b>Western - Yates</b>
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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>R. E. [Signature]</i>
Title <b>OIL AND GAS INSPECTOR</b>	Position <b>Assistant District Superintendent</b>
Date <b>DEC 15 1959</b>	Company <b>Western - Yates</b>

OIL CONSERVATION ACT		
ARTICLE 1		
No. Copies Received		
DATE		
OPERATOR		
SANTA FE		
PRORATION OF		
STATE LAND OFFICE		
U. S. G. S.		
TRANSPORTER		
FILE		
BUREAU OF MINES		