



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED

WELL RECORD JUN 12 1959

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. 150, in SE 1/4 of SE 1/4, of Sec 15, T. 19S, R. 28E, NMPM.

E. Millman Queen Grayburg Pool, Eddy County.

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

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

Drilling Commenced April 27, 1959 Drilling was Completed May 25, 1959

Name of Drilling Contractor Reach & Shepard

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3436 DF The information given is to be kept confidential until
-----, 19-----

OIL SANDS OR ZONES

No. 1, from 1790 to 1806 No. 4, from ----- to -----

No. 2, from 2030 to 2040 No. 5, from ----- to -----

No. 3, from 2048 to 2058 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 210 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	281	Guide	---	---	Surface
8 5/8	24	Used	1910	Guide	1910	---	Shut off oil
4 1/2	11.6	New	2267	Floot	---	---1790-06 2030-40 2048-58	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"	10 3/4	281	75	Pump	---	---
10"	8 5/8	1910	---	Pump	---	30 sacks
8"	4 1/2	2267	350	Pump	---	---

RECORD OF PRODUCTION AND STIMULATION

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

SOF 2030-40' and 2048-58' with 20,000 gals. and 55,000 lbs. sand.

SOF 1790-1806' with 19,030 gals. and 85,000 lbs. sand.

Result of Production Stimulation Well flowed 150 bbls. oil and 10 bbls. water in 24 hrs.

Depth Cleaned Out 2263'

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 0 feet to 2271 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 2271 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing June 11, 1959

OIL WELL: The production during the first 24 hours was 160 barrels of liquid of which 150 bbls. was oil; 10 bbls. was emulsion; 10 bbls. water; and 10 bbls. was sediment. A.P.I. Gravity 38.0

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

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.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates.	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	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	160	160	Sand and caliche	1900	2200	300	Dolo. and sand
160	210	50	Sand and Red Bed	2200	2240	40	Sand
210	255	45	Sand and shale	2240	2260	20	Dolo.
255	280	25	Sand	2260	2271	11	Sand
280	292	12	Anhy. and Red Bed				
292	410	118	Red Shale				Total Depth 2271'
410	590	180	Salt and anhy.				
590	620	30	Anhy.				
620	700	80	Anhy. and Red Shale				
700	775	75	Anhy.				
775	840	65	Anhy. and Red Shale				
840	980	140	Anhy.				
980	1035	55	Anhy. and Red Bed.				
1035	1215	180	Anhy.				
1215	1250	35	Dolo.				
1250	1300	50	Dolo. and sand				
1300	1420	120	Dolo.				
1420	1500	80	Dolo. and sand				
1500	1650	150	Dolo. 30% pink				
1650	1690	40	Sand				
1690	1740	50	Dolo. and grey shale				
1740	1810	70	Sand				
1810	1890	80	Dolo.				
1890	1900	10	Sand				

OIL CONSERVATION COMMISSION	
ARTESIA DISTRICT OFFICE	
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SAN ANTONIO	
PRODUCED IN FIELD	
STATE LABORATORY	
U. S. G. S.	
TRANSPORTER	
FILE	
BUREAU OF MINES	

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 12, 1959

(Date)

Company or Operator Western - Yates

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

Name W. B. Macey

Position or Title Chairman of Operating Committee

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

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

REQUEST FOR (OIL) - (GAS) ALLOWABLE

JUN 12 1959

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 12, 1959**.....
(Place) (Date)

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

Western - Yates State **648**, Tr. **15**, Well No. **150**, in **SE** $\frac{1}{4}$ **SE** $\frac{1}{4}$,
(Company or Operator) (Lease)
P, Sec. **15**, T. **19 S**, R. **28 E**, NMPM., **E. Millman Queen Grayburg** Pool
Unit Letter

Eddy County. Date Spudded **4-27-59** Date Drilling Completed **5-25-59**
Please indicate location: Elevation **3436 DF** Total Depth **2271'** PBTD **2263'**
Top Oil/Gas Pay **1790'** Name of Prod. Form. **Queen Grayburg**

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

PRODUCING INTERVAL -

Perforations **2030-40', 2048-58', 1790'-1806'**
Open Hole **None** Depth **2267'** Depth Tubing **1800'**

OIL WELL TEST -

Natural Prod. Test: **24** 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): **150** bbls. oil, **10** bbls water in **24** hrs, **--** min. Choke Size **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): **39,030 gals. and 140,000 lbs. sand**

Casing Tubing Date first new Press. **325** Press. **150** oil run to tanks **June 11, 1959**

Oil Transporter **Continental Pipe Line Company**

Gas Transporter **None**

Remarks:

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

Approved....., 19.....

OIL CONSERVATION COMMISSION

By: **M. Armstrong**
OIL AND GAS INSPECTOR
Title

.....**Western - Yates**.....
(Company or Operator)

By: **W. Macey**
(Signature)

Title.....**Chairman of Operating Committee**.....
Send Communications regarding well to:

Name.....**Western - Yates**.....

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

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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)

RECEIVED

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

JUN 12 1959

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

Well No. 150 Unit Letter P S 15 T 19 SR 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 19S R 28E

Authorized Transporter of Oil ~~by Addendate~~ Continental Pipe Line Company

Address P. O. Box 367, 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 _____ (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 12 th day of June 19 59.

Approved JUN 12 1959 19

By W B Macey
Title Chairman of Operating Committee

OIL CONSERVATION COMMISSION

Company Western - Yates

By McLarnstrong

Address P. O. Box 427

Title OIL AND GAS INSPECTOR

Artesia, New Mexico

OIL CONSERVATION COMMISSION

ARTESIA DISTRICT OFFICE

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SANTA FE

PRODUCTION

STATE LANDS

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BUREAU OF LANDS

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

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

RECEIVED
FORM 6-103
(Rev. 3-1-55)

JUN 12 1959

Name of Company Western - Yates				Address P. O. Box 427, Artesia, New Mexico			
Lease State 648, Tract 15		Well No. 150	Unit Letter P	Section 15	Township 19 S	Range 28 E	
Date Work Performed		Pool E. Millman Queen Grayburg			County Eddy		
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): Perforating and Sand-oil fracture			
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work					
Detailed account of work done, nature and quantity of materials used, and results obtained. June 2, 1959 Perf. 40 h 2030-40', 40 h 2048-58', Sand-oil fractured with 20,000 gals. and 55,000 lbs. sand, injecting 40 Ball sealers after the first 10,000 gals. Formation broke at 4000 lbs. and treated at 1900 lbs. to 2700 lbs. back to 2050 lbs. Set Bridge plug at 1820' and perf. 64 h 1790-1806', Sand-oil fractured with 19,030 gals. and 85,000 lbs. sand. Formation broke at 2700 lbs. and max. treating pressure 2150 lbs. Min. treating pressure 1900 lbs. Final shut in pressure 1050 lbs. Drilled out Bridge Plugs to Plug back depth 2248' and well is now flowing and swabbing load oil.							
Witnessed by			Position		Company		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY							
ORIGINAL WELL DATA							
D F Elev.		T D		P BTD		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. L. Key</i>			
Title OIL AND GAS INSPECTOR				Position Asst. Dist. Supt.			
Date JUN 12 1959				Company Western - Yates			

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