



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

western - Yates

State 648, Tr. 15

(Company or Operator)

(Lease)

Well No. 155, in SE 1/4 of SW 1/4, of Sec. 11, T. 19 S, R. 28 E, NMPM.
(Unders.) E. Millman Queen Grayburg Pool, Eddy County.

Well is 660 feet from South line and 1980 feet from West line
of Section 11. If State Land the Oil and Gas Lease No. is 648

Drilling Commenced 10/21, 1959 Drilling was Completed 11/27, 1959

Name of Drilling Contractor Harvey - Yates

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3434'
-None- The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 1790 to 1828 No. 4, from to
No. 2, from 2066 to 2082 No. 5, from to
No. 3, from 2180 to 2196 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 220 to feet.
No. 2, from 230 to feet.
No. 3, from to feet.
No. 4, from to feet.

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DEC 10 1959

P. C. C.
ARTESIA, OFFICE

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	330	Guide			Surface
7	20	Used	1934	Guide	All		Shut Off Oil
4 1/2"	11.6	New	2260	Float		(See Below)	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	330	75	Pump & Plug		
10	7	1934		Pump		20 Sacks
8 1/4	4 1/2	2260	300	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

11,550 gal. oil and 15,000 lb. Sand thru - perf. 2180-2196 Set Bridge Plug at 2095.
15,000 lb. Sand and 5,730 gal. oil thru perf. 2078-2071; Set Bridge Plug 1834'. 40,000
lbs. Sand 10564 gals. oil set bridge plug at 1802; 15,000 lbs. Sand 26,900 gal. oil.

Result of Production Stimulation Flowed 400 bbls. in 24 hrs. on 1/2" Choke.

Depth Cleaned Out

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.....12/7....., 1939.....

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.....3.8.....

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.....610'
B. Salt.....
T. Yates.....
T. 7 Rivers.....1055'
T. Queen.....1650'
T. Grayburg.....2001'
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. Was.....
T. Granite.....
T.
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T.
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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.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10	10	Caliche	1400	1500	20	Dolo and Anhy
10	50	40	Sand and Red Bed	1500	1540	40	Red and Gray Sd. & Pink Dolo
50	200	150	Shale and Red Bed	1540	1650	110	Dolo and Anhy
200	375	175	Anhy and Red Shale	1650	1700	50	Red & gray Sand & Dolo
375	400	25	Sand	1700	1790	90	Dolo, Anhy & Red Shale
400	425	25	Anhy	1790	1940	150	Red and Gray Sand & Dolo
425	610	185	Salt	1940	1990	50	Dolo
610	1020	410	Anhy	1990	2000	10	Gray Sand
1020	1080	60	Anhy, Dolo, Gr. & Red Sand	2000	2100	100	Dolo
1080	1100	20	Dolo, Red and Gray Shale	2100	2130	30	Gray Sand and Dolo
1100	1190	90	Dolo, Partly Pink and Red Shale	2130	2150	20	Dolo
1190	1210	20	Gray Sand, Dolo & Anhy	2150	2190	4	Gray Sand and Dolo
1210	1270	60	Anhy & Dolo, Partly Pink	2190	2210	20	Dolo
1270	1350	80	Dolo, P. Pink - Anhy & Green Shale	2210	2230	20	Gray Sand and Dolo
1350	1460	110	Dolo, 1/2 Pink	2230	2250	20	Dolo
1460	1480	20	Gray and Red Sand and Pink Dolo	2250	2260	10	Gray Sand and Dolo.
				T. D. - 2260			

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.

12/8/39

(Date)

Company or Operator.....WESTERN - YATES.....

Address.....P.O. Box 447, Artesia, New Mexico.....

Name.....

Position or Title.....Asst. Dist. Supt.....

REQUEST FOR (OIL) - (GAS) ALLOWABLE 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-104 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

12/5/59

(Place)

(Date)

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

Western - Yates, State 648, Tr. 15, Well No. 155 in SE 1/4 SW 1/4,
(Company or Operator)
N / Sec 11, T. 19 S, R. 28 E, NMPM., E. Millman Queen Grayburg Pool
Unit Letter

Eddy

County. Date Spudded 10/21/59

Date Drilling Completed 11/27/59

Please indicate location:

Elevation 3436' Total Depth 2260' PBTD 2248'

Top Oil/Gas Pay 1790' Name of Prod. Form. Queen Grayburg

PRODUCING INTERVAL - 2078-82, 2066-71.

Perforations 1822-28, 1808-16, 1790-98, 2193-96, 2186-90, 2180-83,

Open Hole Depth 2250 Depth Tubing 1790'

OIL WELL TEST -

Natural Prod. Test: 90 bbls. oil, -0- 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): 400 bbls. oil, -0- bbls water in 24 hrs, min. Choke 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): Sand - Oil Frac 105,000 lb. Sand and 72,450 gals. of oil.

Casing Press. 510 Tubing Press. 255 Date first new oil run to tanks 12/7/59

Oil Transporter Western Development Company of Delaware

Gas Transporter -None-

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 Assistant District Superintendent

Send Communications regarding well to:

Name WESTERN - YATES

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

DEC 10 1959
OIL CONSERVATION COMMISSION

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

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

660'S and 1980' W

Tubing, Casing and Cementing Record

Size	Feet	Sax
10 3/4	330	75
7	1934'	Mudded
4 1/2	2248'	300
2	1790'	

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
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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

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

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CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

DEC 10 1959

O. C. C.

ARTESIA, OFFICE

Company or Operator WESTERN - YATES Lease STATE 648, TR. 15
Well No. 155 Unit Letter N/S 11 T19 S R28 E Pool East Millman Queen Grayburg.
(Under)

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

If well produces oil or condensate, give location of tanks: Unit B S 15 T 19S R 28E

Authorized Transporter of 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)

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DEC 10 1959

O. C. C.

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 8th day of December 19 59

Approved DEC 10 1959 19

OIL CONSERVATION COMMISSION

By M. L. Armstrong

Title OIL AND GAS INSPECTOR

By [Signature]

Title Assistant District Superintendent

Company WESTERN - YATES

Address POST OFFICE BOX 427

ARTESIA, NEW MEXICO

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NEW MEXICO OIL CONSERVATION COMMISSION

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FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS DEC 10 1959

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

D. C. C.

Name of Company Western - Yates		Address ARTESIA, OFFICE P. O. Box 427, Artesia, New Mexico					
Lease State 648, Tr. 15	Well No. 155	Unit Letter N	Section 11	Township 19 South	Range 28 East		
Date Work Performed 12/2/59 - 12/4/59	Pool Undes. (E. Millman Queen Gryb.)		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):			
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work		Perforating and Sand Fracture			
Detailed account of work done, nature and quantity of materials used, and results obtained.							
<p>Tested 4 1/2" Casing. Pressure O. K. All Perforating 3 shots per foot; 2193-96'; 2186-90'; 2180-83'; Treated with 15,000 lb. Sand and 11,550 gals. of Lease Oil. Set Bridge Plug at 2095'. Perforated 2078-82'; 2066-71'. Treated with 15,000 lb. Sand and 5,730 gals. of oil. Set Bridge Plug at 1834'. Perforated 1822-28', 1808-16'. Treated with 40,000 lb. Sand and 18,564 gals. of Lease Oil. Set Bridge Plug at 1802'. Perforated 1790-98'; Treated with 35,000 lb. Sand and 26,980 gal. of Lease Oil. Drilled Out Bridge Plugs. Ran 2" Tubing to 1790'. Flowed load oil to tanks and at the rate of 51 bbls. per hour. Then flowed 400 bbls. in 24 hours thru 1/2" Choke.</p>							
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DEC 10 1959							
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>R E Bay</i>			
Title OIL AND GAS INSPECTOR				Position ASSISTANT DISTRICT SUPERINTENDANT			
Date DEC 10 1959				Company WESTERN - YATES			

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