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County Edwy Depth 2300'Q-GB Pool E. Millman Q-GB

SCOUT REPORT
NEW MEXICO OIL CONSERVATION COMMISSION

Company Western Yates Well No. 153 Lease State 648 Tr. 15

660 Feet from N Line 1980 Feet from W Line, Sec. 14 Twp. 19S Rge. 28E

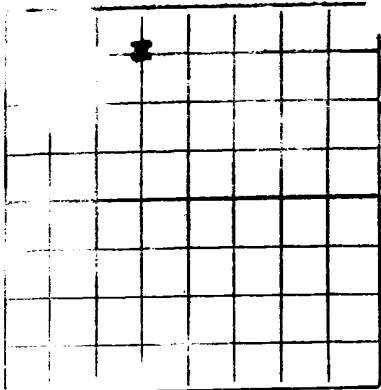
T. A	Land State	Contractor	Harvey E. Yates
T. X	Elevation	Spudded	9-16-54
B. X		Completed	
T. Del Li	T. Tu	Total Depth	P. B. 2297
T. Del Sd	T. Full	Top Pay	District 8
T. Y	T. DR	I.P.	BOFD
T. SR	T. Wich A.	Base on	BO 2.4 Hrs.
T. Q	T. Abo	Choke:	Inch
T. PR	T. WC	Tubing	@ Ft.
T. GB	T. Hu	Press:	Tbg. 3.25 Csg. 1.25
T. SA	T. Per-Pe	GOR	Gravity 3.75
T. Glo	T. Penn	Effective Perfs.:	54 1/2 1843-34
T. Blby	T. Strawn		2060-63 2065-11, 184300-92
T. CF	T. Miss		1843-25-1843-25 40

CSG. & CEMENTING RECORD

Size	Feet	Sax Cement
10 3/4	322	75V
7	1843	22P
4	2297	30W

T. Dev	Acid. Frac & Shooting Record:
T. Sil	From To
T. Fuss	From To
T. Mon	From To
T. Simp	From To
T. McK	
T. Ell	
T. G.W.	
T. Gr	SHOWS
T.	S/W 240 2 1/2 hrs PH
T.	S/ 1157-1530 2 hrs
T.	S/
T.	S/
T.	S/
T.	S/

9-2-59	Loc	04 1843
SEP 9	✓	boiled 1530 2 hrs
	Ø 490 X	TD 2297 Li
	10 3/4-322-75	run 4 1/2 cog
SEP 30	Ø 1157 li	
OCT 7	Ø 1561 li	OCT 28
	Ø 1881 li	TD 2297 Li CB 2297
	SL M cor 1599-1626	SI 7 9h 2060-63
		7h 2060-63



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

Well No. 153, in NE 1/4 of NW 1/4, of Sec. 14, T. 19S, R. 28E, NMPM.

East Millman Queen Grayburg Pool, Eddy County.

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

Drilling Commenced 9/16, 1959 Drilling was Completed 10/19, 1959

Name of Drilling Contractor Harvey Yates

Address Carper Building, Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3428 The information given is to be kept confidential until none, 19

OIL SANDS OR ZONES

No. 1, from 1816 to 34 No. 4, from to
No. 2, from 2060 to 2140 No. 5, from to
No. 3, 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 225 to 231 feet
No. 2, from 240 to feet
No. 3, from to feet
No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SPIRE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4	32.75	new	320	Guide			Surface
7"	20	Used	1843	Guide	all		Shut off oil
4 1/2	11.6	new	2296	Packer		(see below)	production

CASING AND MUD RECORD

SIZE HOLE	SIZE CASING	WEIGHT PER FOOT	NO. SACKS OF CEMENT	AMOUNT USED	MUD GRAVITY	AMOUNT OF MUD USED
12"	10 3/4	320	75	Pump & Plug		
10"	7"	1843		Pump		20 Sacks
8 1/4	4 1/2	2296	300	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

410 bbls. oil and 30,000 #34. thru Perfs: 2060-63, 2064-71, 2086-92, 2098-2106, 2135-40. Used 60,000 #34. and 685 bbls. oil thru Perfs. 1816-34.

Result of Production Stimulation. Flowed 384 bbls. oil in 24 hrs. thru 1/2" choke.

Depth Cleaned Out 2294

RE AD 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 2296 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 10/26, 1959
OIL WELL: The production during the first 24 hours was 384 barrels of liquid of which 100 % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 38.5
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.	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. 1688	T. Ellenburger	T. Point Lookout
T. Grayburg. 2024	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-	175	175	Red Sand	1800	2000	200	Gray Sd Dolo, Red & Gray Shale
175	250	75	Red Shale	2000	2130	130	Dolo.
250	335	85	Anhy. and Red Shale	2130	2140	10	Gray Sd. and Dolo.
335	750	415	Anhy.	2140	2190	50	Dolo.
750	800	50	Dolo and Anhy.	2190	2200	10	Gray Sd. and Dolo.
800	860	60	Dolo, Anhy & Red & Gray Sand.	2200	2250	50	Dolo.
860	930	70	Anhy and Red Shale	2250	2296	46	Gray Sd. & Dolo.
930	1030	100	Dolo, Anhy, Red & Gray Shale.	T.D.	2296		
1030	1150	120	Dolo, Red Sd., Red & Gray Shale.				
1150	1200	50	Dolo. and Gy. Sd.				
1200	1300	100	Dolo and Anhy.				
1300	1500	200	Dolo.-1/2 pk. Anhy Red and Gray Shale				
1500	1690	190	Dolo, 1/2 pk. Anhy.				
1690	1730	40	Gray Sand				
1730	1800	70	Dolo, Anhy, Gr. & Red Shale				

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 Western - Yates
Name R. E. Boy

10/27/59 (Date)
Address P.O. Box 427, Artesia, N.M.
Position or Title Assistant District Supt.

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 10/27/59
(Place) (Date)

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

Western - Yates State 648 Tr 15, Well No. 153, in NE 1/4 NW 1/4,
(Company or Operator) (Lease)

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

Eddy

County. Date Spudded 9/16/59 Date Drilling Completed 10/19/59

Please indicate location:

Elevation 3428 Total Depth 2296 PBD 2294

Top Oil/Gas Pay 1816 Name of Prod. Form. Queen-Grayburg

PRODUCING INTERVAL -

Perforations 1816-34; 2060-63; 2068-71; 2086-92; 2098-2106;
2135-40. Depth Open Hole 2296' Casing Shoe 2296' Depth Tubing 2" @ 1800

OIL WELL TEST -

Natural Prod. Test: 96 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): 384 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 90,000 #Sd. & 1095 bbls. oil.

Casing Tubing Date first new Press. 600 Press. 300 oil run to tanks 10/26/59

Oil Transporter Western Development Co. of Delaware

Gas Transporter None

Tubing, Casing and Cementing Record

Size	Feet	Sax
10 3/4	320	75
7	1843	Mudded
4 1/2	2296	300
2"	1800	

Remarks:

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

Approved OCT 28 1959, 19 Western - Yates
(Company or Operator)

OIL CONSERVATION COMMISSION

By: M. L. Armstrong Assistant District Supt.
(Signature) Send Communications regarding well to:

Title 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)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

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

Well No. 153 Unit Letter C S 14 T 19 R 28E Pool E. Millman Queen Gryb.

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

If well produces oil or ~~condensate~~, give location of tanks: Unit B S 14 T 19 R 28E

Authorized Transporter of Oil or Condensate Western Development Co. 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 _____

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 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 27th day of October 19 59

By [Signature]

Approved OCT 28 1959 19 59

Title Assistant District Supt.

OIL CONSERVATION COMMISSION

Company Western - Yates

By [Signature]

Address P.O. Box 427

Title Oil and Gas Manager

Artesia, New Mexico

DATE	7
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OTHER	
REMARKS	

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, Tract 15		Well No. 153	Unit 67	Section 14	Township 19 South	Range 28 East	
Date Work Performed 10/23/59		Pool East 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):			
<input type="checkbox"/> Plugging		<input type="checkbox"/> Remedial Work		Perforating and Sand-oil Fracture			
Detailed account of work done, nature and quantity of materials used, and results obtained.							
<p>4 1/2" Casing pressure tested o.k. Ran Gamma Ray to total depth, perforated 3 shots per foot: 2060-63, 2068-71, 2086-92, 2098-2106, 2135-40. Sand oil fraced with 410 bbls. oil and 30,000 #Sd. using 30 rubber balls during treatment. Set bridge plug at 1860. Perforated 1816-34 w/3 shots per foot and sand-oil fraced with 60,000 #Sd. and 685 bbls. oil. Drilled out bridge plug. Ran 2" tubing to 1800 feet. Flowed load oil to tanks at rate of 61 bbls. per hr. Then flowed 384 bbls. oil in 24 hrs. thru 1/2" choke.</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	
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>Ally</i>			
Title OIL AND GAS INSPECTOR				Position Assistant District Superintendant			
Date 10/23/59				Company Western - Yates			

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