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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

O. C. C.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.

647

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name
Artesia Metex Unit
9. Well No.

2. Name of Operator
Yates Drilling Company
3. Address of Operator
207 South 4th Street - Artesia, NM 88210
4. Location of Well

10. Field and Pool, or Wildcat
Artesia

UNIT LETTER C LOCATED 1220 FEET FROM THE North LINE AND 1420 FEET FROM THE East LINE OF SEC. 30 TWP. 18S RGE. 28E NMPM

12. County
Eddy

15. Date Spudded 7-18-76	16. Date T.D. Reached 7-27-76	17. Date Compl. (Ready to Prod.) 9-17-76	18. Elevations (DF, RKB, RT, GK, etc.) 3562' GR	19. Elev. Casinghead 3562' GR
20. Total Depth 2154'	21. Plug Back T.D. 1990'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools 0-2154	

24. Producing Interval(s), of this completion - Top, Bottom, Name
1930-1980' Grayburg
25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray Neutrons
27. Was Well Cored
Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# J-55	497'	11"	150 sacks	
4 1/2"	11.6# J-55	2153'	7-7/8"	175 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	1910'	

31. Perforation Record (Interval, size and number) 1930-37' 15 .50 shots 1977-80' 7 .50 shots	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	1930-1980'	25000g 2% KCL wtr, 16000#
		20-40, 8000# 100 sand, 1500g acid.

33. PRODUCTION
Date First Production 9-17-76
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping
Well Status (Prod. or Shut-in) Producing
Date of Test 9-17-76
Hours Tested 24
Choke Size
Prod'n. For Test Period
Oil - Bbl. 29
Gas - MCF TSTM
Water - Bbl. 28 BLW
Gas - Oil Ratio
Flow Tubing Press.
Casing Pressure
Calculated 24-Hour Rate
Oil - Bbl. 29
Gas - MCF TSTM
Water - Bbl. 28 BLW
Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Used for heater treater
Test Witnessed By
Von Colvin

35. List of Attachments
DST's attached & Deviation Survey enclosed.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Raymond J. Jones TITLE Engineer DATE 10-6-76

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INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	500	500	Surface & gravel				
500	1352	852	Lime & sand				
1352	2154	802	Lime, shale & sand				

DRILL STEM TESTS

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Artesia Metex Unit No. 60

State Lease # 647

Yates Drilling Company

1220' FNL & 1420' FEL

Section 30-18S-28E

Eddy County, NM

OCT 6 1976

O. C. C.
ARTESIA, OFFICE

DST #1 1650-1700" (Queen) - TO 30", SI 120". TO w/no blow, dead through out test. Recovered: 2' Drilling Water. Sampler: No pressure and no shows. 1900 cc water, 20000 ppm Cl. Pit Sample 7500 ppm Cl. BHT 95 deg. Pressures: HP 732-714; FP 39-39; SIP 92.

DST #2 1805-1920' - TO 45", SI 2½ hrs. One flow and one SI only. TO w/few bubbles and died. Recovered: 10' drilling mud 27500 ppm CL. No shows. Sampler: No press and no shows. 1950 cc muddy water (32500 Cl) Pit mud 25000 Cl. BHT 96 deg. F. Pressures: HP 915-915; FP 105-105; SI 183.

DST #3 1914-1948 - 1 hr. flow, 3 hrs SI. Recovered: 10' oil and GCM in DC. Sampler: 0.10 cfg, 0#, 1000 cc DCM. Pressures: HP 876-850; FP 26-26; SI 223.

DST #4 1960-2010' - TO 60", SI 180". TO w/fair blow increased to strong blow in 1". Increased to 1/2# on hose, remained steady throughout test. NGTS. Recovered: 5' oil 462' OCW. Sampler: 90#, 0.25 cfg, 1600 cc oil cut water. Pressures: HP 915-915; FF 196-301; SI 1150.

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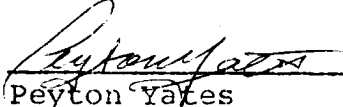
DEVIATION SURVEY

Yates Drilling Company
Artesia Metex Unit #60
1220' FNL & 1420' FEL
Section 30-18S-28E
Eddy County, New Mexico

Depth
500'
1402'
1700'
1912'
2154'

Deviation
1/2 deg.
1/2 deg.
1/2 deg.
3/4 deg.
1/2 deg.

Sworn to this 7th day of October, 1976.

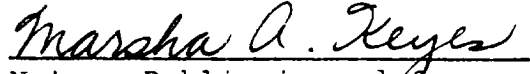

Peyton Yates
Engineer for Yates Drilling
Company

STATE OF NEW MEXICO)
 : ss
COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 7th day of October, 1976 by Peyton Yates agent for Yates Drilling Company.

My Commission expires

August 20, 1980


Notary Public in and for
Eddy County, New Mexico