

10. COPIES RECEIVED	2
DISTRIBUTION	
SANTA FE	1
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

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

JUL 22 1977

50. Indicate Type of Lease State ☐ Fee ☒
51. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Form or Lease Name Midwest "HH" Com
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Strawn
11. County Eddy

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ **O.C.C. ARTESIA, OFFICE**

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
207 South 4th Street - Artesia, NM 88210

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 21 TWP. 18S RGE. 27E N.M.P.M.

15. Date Spudded 3-10-77	16. Date T.D. Reached 4-27-77	17. Date Compl. (Ready to Prod.) 6-9-77	18. Elevations (DF, RKB, RT, GR, etc.) 3345' GR	19. Elev. Casinghead
20. Total Depth 9800'	21. Plug Back T.D. 8896'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-9800'	Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
8807-8820' Strawn

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
DLL, CNL/FDC

27. Was Well Cored
No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./ FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	61#	250'	17 1/2"	250 sacks	
8-5/8"	24#	1635'	12 1/2"	885 sacks	
4 1/2"	11.6&10.5#	8930'	7-7/8"	325 sacks	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	8744'	8750

31. Perforation Record (Interval, size and number) 8807-20' w/52 .35" holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL
	8807-20'
	AMOUNT AND KIND MATERIAL USED 1500 g 15% DS-30 W/XR-2 acid. Retreated w/15000g gelled 3% acid and CO-2, 18500# 20-40 sand.

33. PRODUCTION	
Date First Production 6-9-77	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowed
Well Status (Prod. or Shut-in) SIWOPLC	
Date of Test 6-9-77	Hours Tested 24
Choke Size 1/2"	Prod'n. For Test Period
Oil - Bbl.	Gas - MCF 270
Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 35#	Casing Pressure Pkr
Calculated 24-Hour Rate	Oil - Bbl.
Gas - MCF 270	Water - Bbl.
Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
.Vented

Test Witnessed By
Harvey Apple

35. List of Attachments
DST's

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.

Ch. L. L. L. TITLE Geol. Secty DATE 7-22-77

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each completion. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
Lower							
T. Anhy	T. Canyon	7995		T. Ojo Alamo	T. Penn. "B"		
T. Salt	T. Strawn	8500		T. Kirtland-Fruitland	T. Penn. "C"		
B. Salt	T. Atoka	9080		T. Pictured Cliffs	T. Penn. "D"		
T. Yates	T. Miss			T. Cliff House	T. Leadville		
T. 7 Rivers	T. Devonian			T. Menefee	T. Madison		
T. Queen 862	T. Silurian			T. Point Lookout	T. Elbert		
T. Grayburg	T. Montoya			T. Mancos	T. McCracken		
T. San Andres 1595	T. Simpson			T. Gallup	T. Ignacio Qtzite		
T. Glorieta 3198	T. McKee			Base Greenhorn	T. Granite		
T. Paddock	T. Ellenburger			T. Dakota			
T. Blinberry	T. Gr. Wash			T. Morrison			
T. Tubb	T. Granite			T. Todilto			
T. Drinkard	T. Delaware Sand			T. Entrada			
T. Abo	T. Bone Springs 4313			T. Wingate			
T. Wolfcamp 6392	T. Mrwr Clastics 9447			T. Chinle			
T. Penn.	T. Chester 9756			T. Permian			
T. Cisco (Bough C)				T. Penn. "A"			

OIL OR GAS SANDS OR ZONES

No. 1, from 8807' to 8820'	No. 4, from _____ to _____
No. 2, from _____ to _____	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 _____ to _____ feet.	
No. 2, from _____ to _____ feet.	
No. 3, from _____ to _____ feet.	
No. 4, from _____ to _____ feet.	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	265	265	Surface rock				
265	7512	7247	Lime				
7512	8839	827	Lime and shale				
8339	8419	80	Lime				
8419	8820	401	Lime and shale				
8820	8992	172	Dolo & shale				
8992	9800	808	Lime and shale				

Yates Petroleum Corporation
Midwest "HH" Com No. 1
1980' FNL & 1980' FWL
Section 21-18S-27E
Eddy County, New Mexico

DRILL STEM TESTS

DST #1 - 3345-3400 - Yeso - TO 30", SI 90", TO 60", SI 120". OP w/good blow and decreased. Reop w/good blow and decreased. No GTS. Recovered 610' sulphur water, trace of oil and gas. Sampler: 150#, 2200 cc sulphur water. 0.025 cfg. BHT 90 deg. F. Pressures: HP 1477-1483; IFP 72-178; ISIP 1450; FFP 217-342; FSIP 1450.

DST #2 - 6177-6270' (Wolfcamp) TO 30", SI 90", OP 60", SI 120". OP w/fair blow. GTS in 16". Reop w/good blow, increased to 6 psi on 1/4" choke, declined to TSTM. Recovered 150' GCO, 605' salt water, mud gas cut. Sampler: 550#, 2.218 cfg, 1750 cc oil. BHT 116 deg. Pressures: HP 2745-2727; IFP 157-245; ISIP 925; FFP 245-297; FSIP 786.

DST #3 8770-8820' (Strawn) - Misrun - Plugged tool.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Yates Petroleum Corporation			Lease Midwest "HH" Com		Well No. 1
Unit Letter F	Section 21	Township 18S	Range 27E	County Eddy	
Actual Footage Location of Well: 1980 feet from the North line and 1980 feet from the West line					
Ground Level Elev. 3345'	Producing Formation Strawn		Pool Undesignated		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Being communitized

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Great Western		R27E	ARCO et al	
US	NM 18292			
Great Western	TENNECO	Yates et al	NM 25602	
NM 20946	Midwest Inc. CO.		US	
US	Bogle Farms			
T18S				

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Eddie M. Mahfood
Position
Engineer
Company
Yates Petroleum Corp.
Date
7-22-77

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Refer to Original Plat

Date Surveyed
Dated 3-2-77
Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

WELL NAME AND NUMBER Midwest HH/No. 1

LOCATION 1980/N & W Section 21, T18S, R27E Eddy County, New Mexico
(New Mexico give U.S.T&R: Texas give S, BLK, SURV. and TWP)

OPERATOR Yates Petroleum Corporation

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees and Depth</u>		<u>Degrees and Depth</u>		<u>Degrees and Depth</u>	<u>Degrees and Depth</u>
<u>1/2</u>	<u>250</u>	<u>3</u>	<u>5493</u>		
<u>3/4</u>	<u>593</u>	<u>3 1/2</u>	<u>5917</u>		
<u>1</u>	<u>948</u>	<u>3</u>	<u>6368</u>		
<u>2 1/2</u>	<u>1481</u>	<u>3</u>	<u>6946</u>		
<u>1 3/4</u>	<u>1965</u>	<u>3 1/2</u>	<u>7401</u>		
<u>2</u>	<u>2422</u>	<u>3</u>	<u>7855</u>		
<u>1 3/4</u>	<u>2881</u>	<u>2 3/4</u>	<u>8130</u>		
<u>2</u>	<u>3270</u>	<u>2 3/4</u>	<u>8623</u>		
<u>2 1/4</u>	<u>3607</u>	<u>2 3/4</u>	<u>8871</u>		
<u>3</u>	<u>4096</u>	<u>2 3/4</u>	<u>9307</u>		
<u>2 3/4</u>	<u>4492</u>	<u>2 1/4</u>	<u>9441</u>		
<u>2 3/4</u>	<u>4859</u>	<u>1</u>	<u>9800</u>		

RECEIVED
JUL 22 1977
O. C. C.
ARTERIA, OFFICE

Drilling Contractor MORANCO

By K.D. McPeters
K.D. McPeters, Vice President

Subscribed and sworn to before me this 17th day of May 19 77

My Commission expires:

April 1, 1978

Samuel Summey
Notary Public
Lea County, New Mexico