

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other:

5. Lease Serial No.

NM-17214

6. If Indian, Allottee or Tribe Name

2. Name of Operator

Yates Petroleum Corporation

7. Unit or CA Agreement Name and No.

3. Address

105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)

505-748-1471

8. Lease Name and Well No.

Phillips KH Federal Com #2

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At Surface 1980'FSL & 1650'FEL (Unit J, NWSE)

At top prod. Interval reported below

Same as above

At total depth Same as above

9. API Well No.

30-005-63452

10. Field and Pool, or Exploratory

Springer Basin Atoka Morrow

11. Sec., T., R., M., on Block and Survey or Area

Section 23-T14S-R27E

12. County or Parish 13. State

Chaves

New Mexico

14. Date Spudded

RH 4/11/03 RT 4/15/03

15. Date T.D. Reached

5/7/03

16. Date Completed

7/11/03

☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3503'GR 3520'KB

18. Total Depth: MD 8350'
TVD NA

19. Plug Back T.D.: MD 8310'
TVD NA

20. Depth Bridge Plug Set: MD NA
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL, Azimuthal Laterolog, Borehole Compensated Sonic

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	20"		Surf	40'		Conductor		Surf	
17-1/2"	13-3/8"	48#	Surf	420'		400 sx		Surf	
12-1/4"	9-5/8"	36#	Surf	2965'		1025 sx		Surf	
8-3/4"	5-1/2"	15.5#, 17#	Surf	8350'		1700 sx		1320'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	7954'	7954'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	8044'	8200'	8176'-8200'		96	Open
B)			8044'-8068'		144	Open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8176'-8200'	Acidize w/2400g 7-1/2% Morrow acid with 144 ball sealers
	Frac w/40# 70Q foam frac w/687 bbls and 75,000# 18/40 Versaprop
	Total N2 793,482 Total CO2 160 tons

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7/14/03	8/16/03	24	⇒	0	1185	0	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
NA	190 psi		⇒	0	1185	0	NA	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			⇒						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top Meas Depth
				Yates	660'
				Seven Rivers	798'
				Queen	826'
				Grayburg	944'
				Glorieta	2833'
				Tubb	4227'
				Abo	5024'
				Wolfcamp	6120'
				Cisco	6917'
				Lower Canyon	7382'
				Strawn	7528'
				Atoka	7654'
				Morrow	7886'
				Chester	8200'

32. Additional remarks (include plugging procedure):

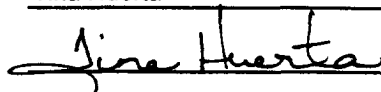
33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
☐ 5. Sundry Notice for plugging and cement verification 6. Core Analysis ☒ 7. Other Deviation Survey

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tina HuertaTitle Regulatory Compliance Supervisor

Signature


Date August 25, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

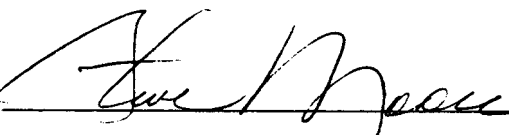
OPERATOR: YATES PETROLEUM CORP.
WELL/LEASE: PHILLIPS KH FED. COM. 2
COUNTY: CHAVES

049-0016

STATE OF NEW MEXICO
DEVIATION REPORT

193	1/4
406	1/2
887	1/2
1,416	1/2
1,916	1/2
2,389	1/4
2,833	1/4
2,965	1/2
3,459	1
4,000	1
4,472	1/4
4,943	1/4
5,476	1 1/2
5,975	1 1/2
6,444	1
6,942	1
7,385	1 1/4
7,826	1
8,350	1



By: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of May, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.


Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

