

State of New Mexico
Energy, Minerals and Natural ResourcesOil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-105
Revised March 25, 1999

WELL API NO.

30-015-31625

5. Indicate Type of Lease

STATE ☐FEE ☒

State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Louise AYI

8. Well No.

1

9. Pool name or Wildcat

Burton Flat Morrow

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WORK PLUG DIFF.
WELL ☒ OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

Yates Petroleum Corporation

3. Address of Operator

105 South 4th St., Artesia, NM 88210

4. Well Location

Unit Letter 1 : 1859 Feet From The South Line and 660 Feet From The East Line
Section 25 Township 21S Range 26E NMPM Eddy County

10. Date Spudded

RH 2/19/03

RT 2/27/03

11. Date T.D. Reached

4/2/03

12. Date Compl. (Ready to Prod.)

5/14/03

13. Elevations (DF& RKB, RT, GR, etc.)

3127'GR

3145'KB

14. Elev. Casinghead

NA

15. Total Depth

11,630'

16. Plug Back T.D

11,432'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

40'-11,630'

Cable Tools

NA

19. Producing Interval(s), of this completion - Top, Bottom, Name

11,012'-11,414' Morrow

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Density/Neutron, High Resolution Laterolog Array

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	40'	26"	Redi-mix	
13-3/8"	48#	602'	17-1/2"	604 sx (circ)	
9-5/8"	36#	2365'	12-1/4"	1300 sx (circ)	
7"	26#	8850'	8-3/4"	1200 sx (TOC 1800')	
4-1/2"	11.6#	11,630'	6-1/8"	300 sx (TOC 7250' CBL)	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

See Attached Sheet

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

See Attached Sheet

28. PRODUCTION

Date First Production 5/15/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 6/15/03	Hours Tested 24 hrs	Choke Size NA	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 939	Water - Bbl. 45	Gas - Oil Ratio NA
Flow Tubing Press. 760 psi	Casing Pressure NA	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF 939	Water - Bbl. 45	Oil Gravity - API - (Corr.) NA	

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

Sold

Test Witnessed By

Blaine Wallace

30. List Attachments

Logs and Deviation survey

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

Printed

Signature Tina Huerta Name Tina Huerta Title Regulatory Compliance Supervisor Date June 18, 2003

INSTRUCTIONS

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Yates Petroleum Corporation
Louise AYI #1
API 30-015-31625
Section 25 T21S R26E
Eddy County, NM

26. Perforation record (interval, size, and number)

11,444'-11,452' (49)	11,056'-11,062' (37)
11,464'-11,470' (37)	11,080'-11,084' (25)
11,342'-11,346' (25)	11,142'-11,150' (49)
11,352'-11,354' (13)	11,166'-11,170' (25)
11,358'-11,362' (25)	11,176'-11,180' (25)
11,388'-11,392' (25)	11,196'-11,200' (25)
11,410'-11,414' (25)	11,260'-11,266' (37)
11,012'-11,016' (25)	

27. Acid, shot, Fracture, Cement Squeeze, etc.

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
11,444'-11,452'	Acidize w/2500g 7-1/2% Morrow acid and 2000 SCF/bbl N2
11,342'-11,414'	Acidize w/1500g 7-1/2% Morrow acid and 125 balls
11,142'-11,266'	Acidize w/2250g 7-1/2% Morrow acid and 178 balls
11,012'-11,084'	Acidize w/1250g 7-1/2% Morrow acid and 96 balls
11,012'-11,414'	Frac w/105,000g 70Q Binary foam and 90,000# Versapak 18/4

OPERATOR: YATES PETROLEUM CORP.
WELL/LEASE: LOUISE AYI #1
COUNTY: EDDY

512-5052

STATE OF NEW MEXICO
DEVIATION REPORT

260	1 1/4	7,321	1 1/4
559	1/2	7,597	2
813	3/4	7,736	2 1/4
1,061	1	7,893	2 3/4
1,314	1 1/2	8,010	1 3/4
1,441	1 1/4	8,149	1
1,599	1 3/4	8,404	1 1/2
1,726	1 3/4	8,787	1/2
1,821	1 1/2	9,281	2
1,916	1 1/2	9,376	1 1/4
2,012	1 1/2	9,629	3/4
2,107	1 1/4	9,913	1/4
2,330	1 3/4	10,388	1/2
2,612	1/2	10,863	3/4
3,088	1/2	11,240	3/4
3,598	1/2	11,587	1 1/4
4,041	3/4		
4,517	3/4		
4,993	1/2		
5,469	3/4		
5,944	3		
6,039	3		
6,134	2 3/4		
6,230	1 3/4		
6,324	1 1/2		
6,515	2		
6,645	2		
6,736	1 1/4		
6,845	1 3/4		
6,973	2		
7,121	1 3/4		



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 9th day of April, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

