

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STANDARD INSTRUCTIONS ON REVERSE SIDE
Artesia NM

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL DESIGNATION AND SERIAL NO.

NM-81952
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Llama ALL Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Morrow

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Section 7-T22S-R31E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

19. ELEV. CASINGHEAD

3351' GR

23. INTERVALS DRILLED BY

3351' GR

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☒ Other Recompletion

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 330' FSL & 950' FWL (Unit M, SWSW)

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

API 30-015-28093

15. DATE SPUDDED

Recompletion 3-18-98

16. DATE T.D. REACHED

5-16-98

17. DATE COMPL. (Ready to prod.)

5-16-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3351' GR

20. TOTAL DEPTH, MD & TVD

14300'

21. PLUG BACK T.D., MD & TVD

14202'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

3351' GR

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)*

13702-14114' Morrow

26. TYPE ELECTRIC AND OTHER LOGS RUN

None on recompletion

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

CASINO SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED

20" 40' 26" In place

13-3/8" 48# 650' 17-1/2" In place

9-5/8" 36# & 40# 3715' 12-1/4" In place

7" 29# 11250' 8-3/4" In place

29. LINER RECORD

SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD)

4 1/2 15.10# 10746' 14300' In place

30. TUBING RECORD

SIZE DEPTH SET (MD) PACKER SET (MD)

2-7/8" 10667' 10676'

2-3/8" 13950' 14010'

31. PERFORATION RECORD (Interval, size and number)

14059-14114' w/60 .38" holes

13702-13794' w/156 .38" holes

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED SHEET

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) WELL STATUS (Producing or shut-in)

5-16-98 Flowing Producing

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO

5-17-98 24 3/8" 0 358 120

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)

95# packer 0 358 120

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Rusty Klen TITLE Operations Technician

DATE May 22, 1998

ACCEPTED FOR RECORD (ORIG. SGD.) DAVID R. GLASS JUN 16 1998

TEST WITNESSED BY Owen Meinke

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
<div style="text-align: center;"> <p>(RECEIVED)</p> <p>MAY 26 A 8:46</p> <p>BUREAU OF LAND MGMT.</p> <p>ROSWELL OFFICE</p> </div>						
REFER TO ORIGINAL COMPLETION						

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number 30-015-28093		2 Pool Code		3 Pool Name Undesignated Morrow			
4 Property Code 15601		5 Property Name Llama ALL Federal				6 Well Number 1	
7 OGRID No. 025575		8 Operator Name Yates Petroleum Corporation				9 Elevation 3351' GR	

10 Surface Location

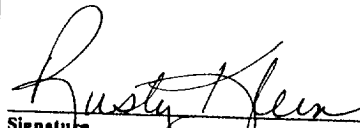
UL or lot no. M	Section 7	Township 22S	Range 31E	Lot Idn	Feet from the 330	North/South line South	Feet from the 950	East/West line West	County Eddy
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Rusty Klein Printed Name Operations Technician Title May 22, 1998 Date
					18 SURVEYOR CERTIFICATION 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 belief. REFER TO ORIGINAL PLAT Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

950'

YATES PETROLEUM CORPORATION
Llama ALL Federal #1
Section 7-T22S-R31E
Eddy County, New Mexico

#32: ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.:

DEPTH INTERVAL

TREATMENT

12853-12856'

Cement retainer set at 12800'. Mixed and pumped 100 sacks Class H, 1% fluid loss and retarder. Squeezed perfs at 7200 psi with 72 sacks. Drilled out retainer and cement

14059-14114'

Acidized with 1500 gallons 15% HCL acid, 1500 gallons methanol with 1500 scf/bbl N2 and 2500 scf/bbl N2 with flush and ball sealers

Frac'd with 12000 gallons 40# CMHPG, 3000 gallons methanol, 102 tons CO2 and 30000# 20-40 Interprop plus. Screened out. Total sand in formation 22500#. Total CO2 pumped 68 tons

13702-13794'

Acidized with 1500 gallons 15% iron control HCL acid, 1500 gallons methanol with 1750 scf/bbl N2 and 2500 scf/bbl N2 with flush and ball sealers

Frac'd with 12000 gallons 40# water frac H, 96 tons CO2 and 30000# Carboprop