

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

W.M. IN DU. ATE

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

BASE 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

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

19. ELEV. CASINGHEAD

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

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
None on recompletion

27. WAS WELL CORED
No

28. 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 Klein TITLE Operations Technician DATE May 22, 1998

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

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

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 API 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

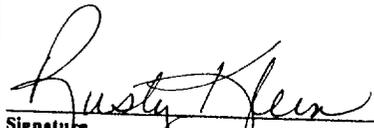
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	7	22S	31E		330	South	950	West	Eddy

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

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Rusty Klein Printed Name Operations Technician Title May 22, 1998 Date
					18 SURVEYOR CERTIFICATION <i>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.</i> 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