

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
Budget Bureau No. 1004-0137
Expires August 31, 1985

(See instructions on
reverse side)

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. REVEAL ☒ 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 660' FSL & 2180' FEL (Unit 0, SWSE)

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API 30-015-22793

5. LEASE DESIGNATION AND SERIAL NO.

NM-27276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Benson Deep Unit

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Morrow

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

Section 33-T18S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUNDED
Recompletion
3-20-98

16. DATE T.D. REACHED
4-8-98

17. DATE COMPL. (Ready to prod.)
4-8-98

18. ELEVATIONS (DF, HKB, RT, GR, ETC.)*
3404' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
12071'

21. PLUG, BACK T.D., MD & TVD
11760'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY
Pulling Unit

ROTARY TOOLS

CABLE TOOLS

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

11538-11615' Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	50#	448'	17-1/2"	In place	
9-5/8"	28#	3494'	12-1/4"	In place	
5-1/2"	17# & 15.5#	12065'	7-7/8"	In place	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	11415'	11456'

31. PERFORATION RECORD (Interval, size and number)

11794-11803' w/40 .42" holes
11538-11552' w/60 .42" holes
11604-11615' w/48 .42" 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)	
4-7-98		Flowing				SIWOPLC	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-12-98	24	1/4"	→		93		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50#	packer	→		93			

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

Will be sold when hookup available

TEST WITNESSED BY

David Weaver

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 26, 1998

*(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):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
REFER TO ORIGINAL COMPLETION						

YATES PETROLEUM CORPORATION
Benson Deep Unit #1
Section 33-T18S-R30E
Eddy County, New Mexico

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

DEPTH INTERVAL

TREATMENT

10648-10718'	Set cement retainer at 10620'. Mixed and pumped 100 sacks Class H and .4% Fluid Loss. With 84 sacks of cement in formation, squeezed perforations to 4200 psi. Drilled out retainer and cement.
11794-11803'	Acidized with 2 bbls 7-1/2% iron control HCL acid, 10000 scf N2 and 1500 gallons 7-1/2% iron control HCL acid with 1000 scf/bbl N2
11640-11615'	Acidized with 2 bbls 7-1/2% iron control HCL acid, 10000 scf N2 and 1500 gallons 7-1/2% iron control HCL acid with 1000 scf/bbl N2 and ball sealers
11538-11552'	Acidized with 2 bbls 7-1/2% iron control HCL acid, 10000 scf N2 and 1500 gallons 7-1/2% iron control HCL acid with 1000 scf/bbl n2 and ball sealers

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 30-015-22793		2 Pool Code		3 Pool Name Undesignated Morrow			
4 Property Code 12031		5 Property Name Benson Deep Unit				6 Well Number 1	
7 OGRID No. 025575		8 Operator Name Yates Petroleum Corporation				9 Elevation 3404' GR	

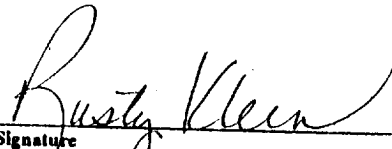
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	18S	30E		660'	South	2180	East	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.			

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 26, 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

2180'

660'