

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1035
Expires: July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
Artesian well. Use Form 3160-3 (APD) for such proposals

5. Lease Serial No.

NM 05876

6. If Indian, Allottee of Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

DeKalb Federal #3

2. Name of Operator

M.E.W. Enterprise

9. API Well No.

30-005-00069

3a. Address

1720 S. Union, Roswell, NM 88201

3b. Telephone No. (Include area code)

(505)627-2065

10. Field and Pool, or Exploratory Area

5980 South Bitterlakes S.A.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Dekalb Federal #3, 1980 FNL, 660 FWL, Sec 27
T10S, R25E, NMPM

11. County or Parish, State

Chaves, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other
☐ Change Plans ☐ Plug & Abandon ☐ Temporarily Abandon ☐ Horizontal
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated date of starting any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. Plug back San Andres producing zone from 880' to 826'
2. Drill horizontal 3 7/8" hole. Total vertical depth of 842', drill SSE for 600'.
3. Acidize new hole w/5000 gallons acid.
4. Resume well to production.

SEE ATTACHMENTS

**SUBJECT TO
LIKE APPROVAL
BY STATE**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Russell Whited

Title

Owner/Operator

Signature

Date

9/28/98

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID R. GLASS

PETROLEUM ENGINEER

Date

OCT 02 1998

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds a legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes 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.

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-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ **AMENDED REPORT**

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address M.E.W. Enterprise 1720 S. Union Roswell, NM 88201		2. OGRID Number 160190
		3. API Number 30 - 005-00069
4. Property Code 20173	5. Property Name DeKalb Federal	6. Well No. 3

7. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	10S	25E		1980	North	660	West	Chaves

8. Proposed 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
E	27	10S	25E		2250	North	1150	West	Chaves

9. Proposed Pool 1

10. Proposed Pool 2

5980 Bitterlakes; San Andres, South

11. Work Type Code E	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code Federal	15. Ground Level Elevation 3474
16. Multiple NO	17. Proposed Depth 842	18. Formation San Andres	19. Contractor LLC	20. Spud Date 10/7/98

Existing

21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
9 5/8	7	20#	720'	277	Cmt Circ
6 1/2	4 1/2	11.6#	826'	35	-----
3 7/8	-----	-----	-----	-----	OH

22. Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

1. Set cmt plug across San Andres to 826'.
 2. Drill 3 7/8" horizontal well bore to S55E for approx 600' at TVD approx 842'.
 3. Acidize well and swab test.
 4. Run in hole with tbg, rods, & pump, RWTP.
- Pump set approx. 826'.

SEE ATTACHMENTS

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Russell Whited

Printed Name:

Russell Whited

Title:

Owner/Operator

Date:

9/28/98

Phone:

(505)627-2065

OIL CONSERVATION DIVISION

Approved By:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

M. E. W. Enterprise

Dekalb #3

Chaves County, NM

Proposed Wellpath

Kickoff Point

M. Depth	=	830	N/S / Cord.	=	0
TVD	=	830	E/W Cord.	=	0
Inclination	=	0			
Azimuth	=	S55E			

Measured Depth	Inclination Degree	Drift Direction	Course Length	TVD	Vertical Section	Rectangular	off-sets	DLS deg/100'
830.00'	0.0	N-O-E	830.00'	830.00'	0	ON	OE	0
884.98'	90.00	S55.00E	54.98'	865.00'	35.00'	20.08S	28.67E	163.7
984.98'	100.00	S55.00E	100.00'	856.00'	134.49'	77.14S	110.17E	10.0
1084.98'	90.00	S55.00E	100.00'	847.59'	233.99'	134.21S	191.67E	10.0
1350.98'	90.00	S55.00E	266.00'	847.59'	499.99'	286.78S	409.56E	0.0

M. E. W. Enterprise

Horizontal Drilling Prognosis

Dekalb #3 - Chaves County, NM

1. MIRU WSU
2. POOH w/Rods, Pump, & Tbg.
3. TIH w/2 3/8" Workstring, Bit & Scraper
4. Circulate out hole to Plug Back Total Depth.
5. POOH w/Workstring, Bit & Scraper.
6. TIH w/2 3/8" Workstring/Spot Cmt Plug.
7. TOH w/2 3/8" Workstring.
8. Move out Tanks, Pumping Unit & all Equipment.
9. MIRU Reverse Unit.
10. TIH w/Bit & 2 3/8" Workstring
11. Dress off Cement to 830'.
12. Circulate hole clean.
13. POOH w/Bit & Workstring
14. MIRU Gyro Service.
15. Run Gyro to Determined Hole Direction.
16. POOH Rig Down Gyro.
17. MIRU VHV Directional Equipment.
18. TIH w/Pilot Hole Assembly.
19. Drill Pilot Hole from 820' to 830'.
20. POOH w/ Pilot Hole Assembly.
21. TIH w/Curve Drilling Assembly (CDA) and three Joints of composite drill pipe to 800'.
22. Hook up Power Swivel and Mud Pump.
23. Break Circulation - Ease CDA into hole at 825'.
24. Function test CDA.
25. RU Gyro for Orientation.
26. RIH w/Gyro and string into mule shoe.
27. Orient tool face to South 55 Degrees East.
28. POOH w/Gyro.
29. Commence drilling curve in one foot increments with CDA, re-alignment at end of each foot.
30. Drill approximately 30' to 860' MD.
31. Circulate bottoms up (a viscous pill is an excellent marker for bottoms up).
32. Run inclination survey pulling one foot stations.
33. Drill to 880' MD.
34. Circulate bottoms up.
35. Run inclination survey and tie into last 15' of first survey. Establish average build rate.
36. Drill remainder of curve (approximately 5') to 885' and an inclination of 90 degrees.
37. Circulate bottoms up.
38. Run third and final survey of curve and tie into second survey.
39. POOH w/CDA (swivel out of curve).
40. TIH w/Lateral Drilling Assembly (LDA) and 600' of composite pipe to bottom of curve at 885'.
41. Hook up swivel and mud pump.
42. Hook up pump and swivel. Commence drilling lateral.
43. Drill +/- 500' of lateral to approximately 1335' MD and 84.2' TVD, Surveying every 100' and maintaining build rate of 1 degree per 100' to ending inclination of 95 degrees.
44. TOOH w/LDA (swivel out until LDA is at top of curve).
45. Rig down VHV directional equipment and move out.
46. RIH w/2 3/8" Workstring w/Packer and 1 1/2 Tail Pipe.
47. Set Packer
48. Test backside to 500# PSI.
49. Swab test well, Swab Until fluid entry is clean.
50. MIRU Acid Company.
51. Acidize well as to recommendation.
52. RD Acid Company.
53. Swab Test Well.
54. POOH w/Packer and Workstring.
55. RIH w/Production Tbg, Rods & Pump.
56. Move in and reset Pumping Unit.
57. Space out.
58. RD WSU and move out.
59. Return Well To Producing.

Dekalb Federal #3
Vertical View
Vertical Section Plain - S55E



