

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5

RECEIVED
MAR 2003
OCD - SUNDARY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MARBOB ENERGY CORPORATION

3a. Address

PO BOX 227, ARTESIA, NM 88211-0227

3b. Phone No. (include area code)

(505) 748-3303

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

1650 FNL 1980 FWL, SEC. 26-T18S-R30E, UNIT F

5. Lease Serial No.

NMNM27278

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

OXY FREDDIE FEDERAL COM #1

9. API Well No.

30-015-32347

10. Field and Pool, or Exploratory Area

UNDES. HACKBERRY MORROW, NORT

11. County or Parish, State

EDDW CO., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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.)

RECOMPLEATE IN THE MORROW SAND ZONE AS FOLLOWS:

1. SET CIBP & 1 BAILER OF CEMENT @ 11820'
2. PERF THE MORROW @ 11639' - 11690' (APPX 132 SHOTS).
3. ACIDIZE @ 11639' - 11690' W/ 1500 GAL CLAY SAFE H ACID
4. SWAB/FLOW TEST

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

DIANA J. CANNON

Title PRODUCTION ANALYST

Signature

Date MARCH 26, 2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Alexis C. Swoboda

PETROLEUM ENGINEER

Date MAR 28 2003

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

Office

Oxy Freddie Fed. 1
F-26-18s-30e
Eddy Co., NM

Recompletion Procedure 1
17 Feb 2003

Basic Data:

13-3/8" @ 650' Circ. Cmt.
9-5/8" @ 4500' Circ. Cmt.
5.5"/17ppf/M95-110/LTC Burst=10640 psi, 8512 psi at 80% Nom. ID=4.892" Drift ID=4.767"
2.375"/4.7ppf/L80/EUE Burst=11200 psi, 8960 psi at 80% Nom ID=1.995" Drift ID=1.901"
Collapse=11780 psi, 9424 at 80%
Tensile=104,300 lb with no safety factor

Objective: Recomplete well in the Morrow sand.

Comment: Tree up before treating and swab testing these Morrow zones. Don't use rubber/flexible hoses when swab or flow testing gas zones. If fracing down casing, recommend testing frac valve to 5000 psi using a RBP before doing frac job (don't want to find out that frac valve flange is leaky when you remove the casing saver).

Procedure:

1. If Lwr Morrow to be abandoned, set CIBP and one bailer of cement at 11820'. Test casing to 2500 psi.
2. RU lubricator and perf the Morrow with 6 spf at 60 deg phasing at the depths shown below using a 4" casing gun.

Morrow: 11639-11644', 11674-11682', 11684-11690' (appr. 132 shots)

3. RIH with packer and swab test Morrow.
4. If decision made to acidize, install treesaver and acidize with 1500 gals. Clay Safe H acid containing 1000 scf/bbl nitrogen at 3-6 bpm while limiting surface pressure to 8500 psi and holding 1000 psi on annulus. Drop 4 slugs of 25 ballsealers spaced evenly through job. Flush with 7% KCl containing 1000 scf/bbl nitrogen.
5. Swab/flow test. If a decision is made to frac, procedure will follow. Frac would probably be 65% CO2 foam carrying approx. 50,000-75,000 lbs. 20/40 Econoprop pumped down casing at 35-40 bpm

----- Additional Procedures Will Be Issued If/As Necessary -----

Kbc/oxy freddie 1b

Well: Oxy Fred & Fed. 1

Z: 18.5' AGL

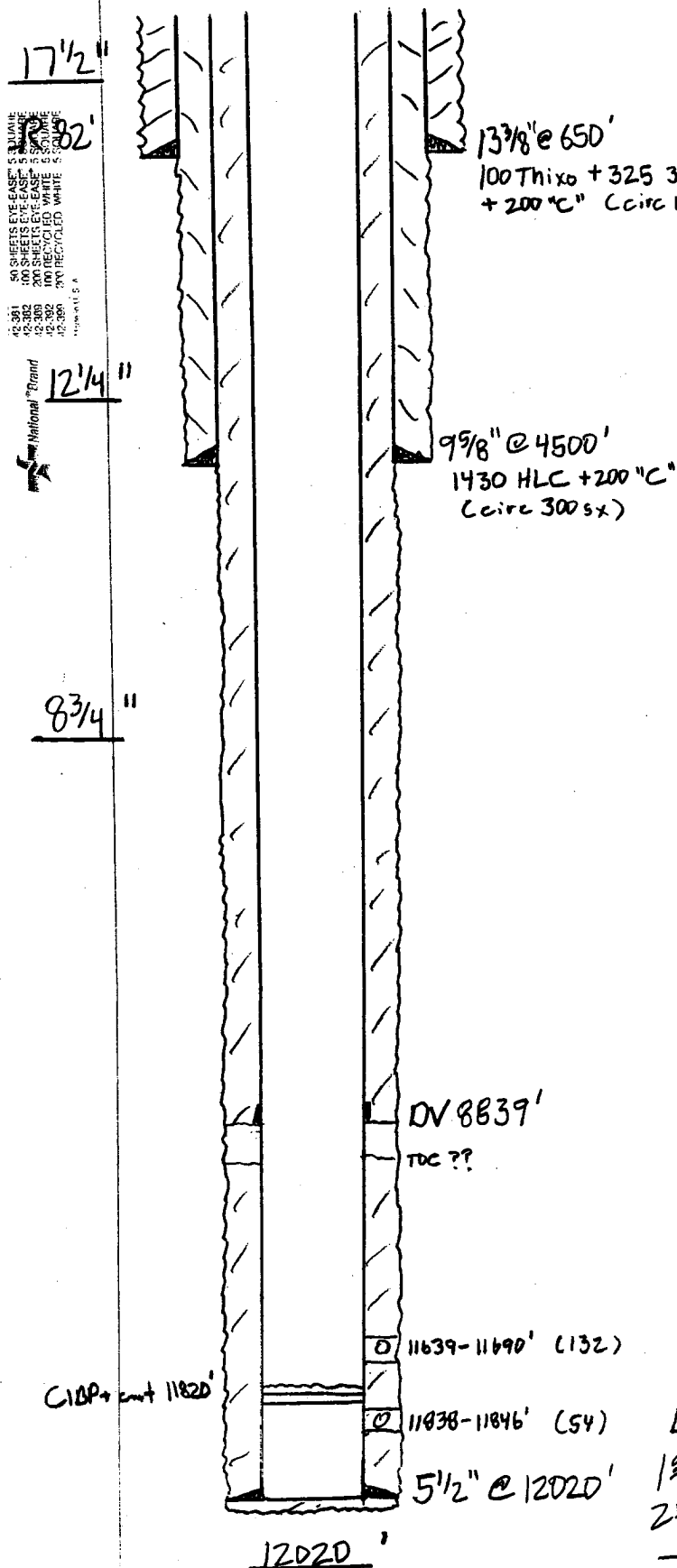
KB: 3414.5'

GL: 3396'

Location: 1650' N, 1980' W
F-26-189-3De
Eddy NM

Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 7/8"	48	H40	SE	650'
9 5/8"	36			4500'
5 1/2"	17	M95-110	LTC	12020'



Murru

Lwr Murru

1st: 900 Super H (almost circ)
 2nd: 800 Interfill C + 800 HLC + 200 Super H (circ 115 sx)

- Sketch Not To Scale -

KBCollins / 29 Aug 02