

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY 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.*

SEP 2003

RECEIVED  
OCD - ARTESIA

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NMLC029426B
2. Name of Operator MARBOB ENERGY CORPORATION	6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 227, ARTESIA, NM 88211-0227	7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) (505) 748-3303	8. Well Name and No. OXY POTEET STRAWBERRY FED #1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC. 10-T17S-R31E, 1650 FNL 660 FEL, UNIT H	9. API Well No. 30-015-31322
	10. Field and Pool, or Exploratory Area FREN; WOLFCAMP
	11. County or Parish, State EDDY 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 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 recomplete 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 recompletion 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.)

**RECOMPLETE TO THE WOLFCAMP UNTIL COMMERCIAL PRODUCTION IS ESTABLISHED  
AS FOLLOWS:**

1. SET CIBP @ 10200' & DUMP 35' CLASS H CMT ON CIBP.
2. PERF THE UPPER & LOWER WOLFCAMP W/ 1 SPF AS FOLLOWS:  
LOWER WOLFCAMP - 9630' - 9684' (12 SHOTS)  
UPPER WOLFCAMP - 8597' - 8732' (10 SHOTS)
3. STRADDLE LOWER WOLFCAMP @ 9630' - 9684'. ACIDIZE W/ 1500 GAL NEFE 15% HCL ACID.  
SWAB/FLOW TEST.
4. STRADDLE UPPER WOLFCAMP @ 8597' - 8732'. ACIDIZE W/ 3000 GAL NEFE 15% HCL ACID.  
SWAB/FLOW TEST.

(COPY OF PROCEDURE ATTACHED)

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

DIANA J. CANNON

Title PRODUCTION ANALYST

Signature

Date SEPTEMBER 11, 2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on reverse)

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 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 30-015-31322	2 Pool Code	3 Pool Name FREN; WOLFCAMP
4 Property Code 28137	5 Property Name OXY POTEET STRAWBERRY FEDERAL	6 Well Number 1
7 OGRID No. 14049	8 Operator Name MARBOB ENERGY CORPORATION	9 Elevation 3931


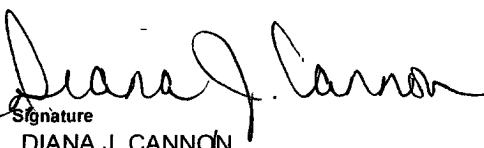
10 Surface Location

UL or lot no. H	Section 10	Township 17S	Range 31E	Lot Idn	Feet from the 1650	North/South line NORTH	Feet from the 660	East/West Line EAST	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
12 Dedicated Acres 40.00	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature DIANA J. CANNON Printed Name PRODUCTION ANALYST Title SEPTEMBER 11, 2003 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>  Date of Survey Signature and Seal of Professional Surveyer:  Certificate Number		

**Strawberry Poteet Fed. 1  
Sec. 10 T17S R31E  
Eddy Co., NM**

**Recompletion Procedure 2  
14 August 03**

**Basic Data:**

13-3/8" @ 625' Circ. Cmt.

9-5/8" @ 4500' (had water flow after cementing-bullheaded cement down annulus to squeeze water)

5-1/2" @ 12200' TOC @ 7410' CBL

5.5"/17ppf/P110/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 to the Wolfcamp until commercial production is established.~~

**Procedure:**

1. When ready to leave Cisco, RU lubricator, ~~set CIBP at 10200' and dump 35' Class H cement on CIBP~~  
Close the blind rams and test the casing to 2500 psi.. BHT = 150 deg. F for use in fluid loss additive and retarder needs for cement.
2. ~~Perf the Upper and Lower Wolfcamp with 1 spf at any phasing at the depths shown below using a 3-3/8" or 4" casing gun.~~

~~L. Wolfcamp 9630' 9631', 9670', 9671', 9672', 9673', 9674',  
9680', 9681', 9682', 9683', 9684' (12 shots)~~

*Note: CBL appears to be on depth  
with open hole logs.*

~~U. Wolfcamp 8597' 8599', 8620', 8622', 8624', 8696', 8706', 8714', 8724', 8732' (10 shots)~~

3. RIH with packer and RBP, ~~straddle Lower Wolfcamp 9630-9684'~~ open bypass, pump acid close to packer and ~~acidize with 1500 gals. NE Fe 15% HCl acid~~ inhibited for BHT = 150 deg. F down tubing at 3-5 bpm while limiting treating pressure to 7500 psi. Pump 500 gals acid then drop 8 sets of 4 ballsealers spaced evenly through the last 1000 gals acid (32 balls). ~~Swab/flow test~~ until decision made to do otherwise.
4. When ready to test ~~Upper Wolfcamp, straddle 8597-8732'~~ open bypass, pump acid close to packer and ~~acidize with 3000 gals. NE Fe 15% HCl acid~~ inhibited for BHT = 140 deg. F down tubing at 4-6 bpm while limiting treating pressure to 7500 psi. Pump 1000 gals then drop 10 sets of 3 ballsealers spaced evenly through the last 2000 gals of acid (30 balls). ~~Swab/flow test~~ until decision made to do otherwise.

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

Kbc/straw poteet 1b

Well: Potect Strawberry Fed. 1

Zero: 17' AGL

Location: 1650' FNL, 660' FEL  
H-10-175-31e  
Eddy NM

KB: 3948'

GL: 3931'

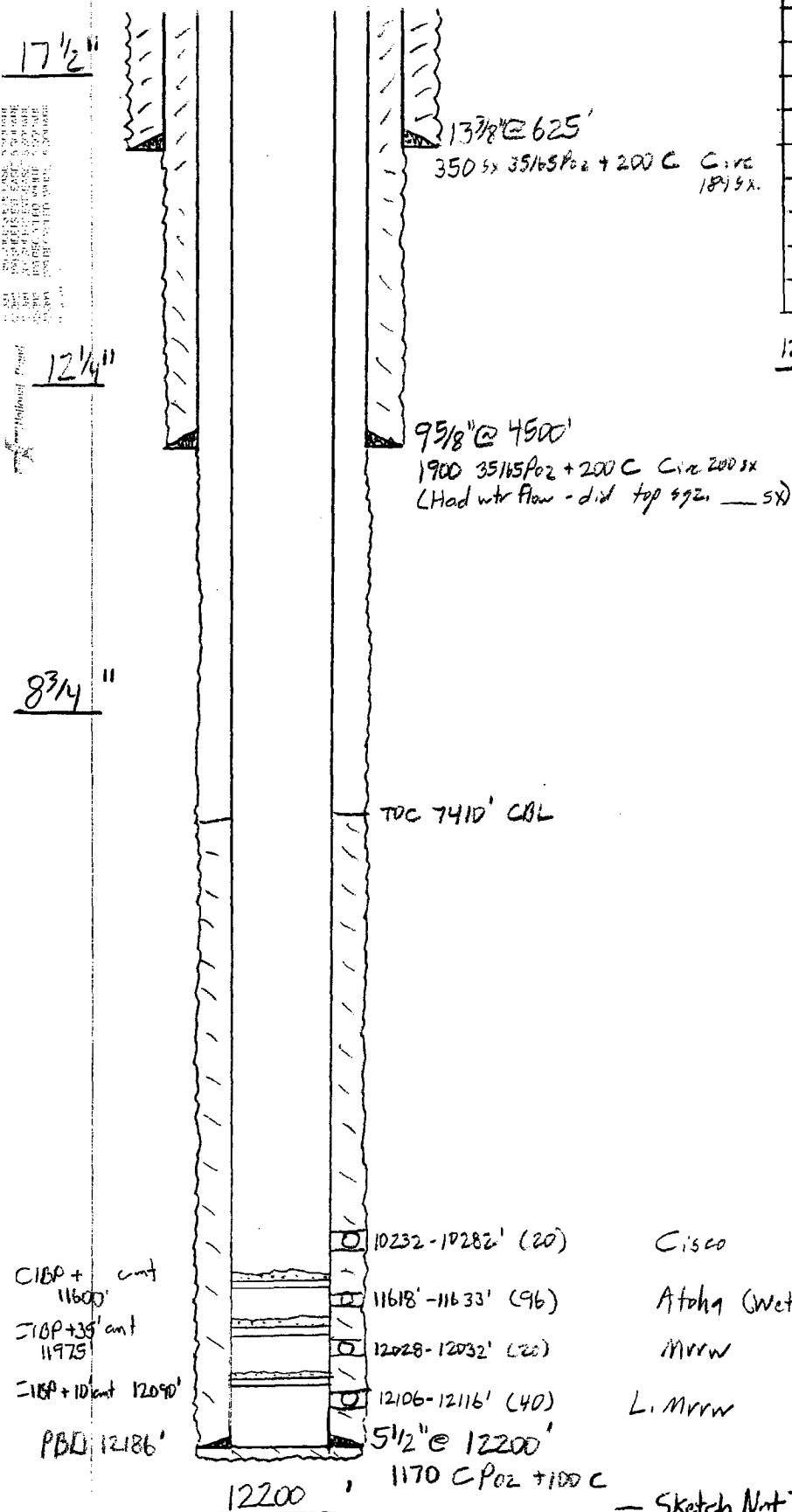
Casing Program:

Size	Wt.	Grade	Conn.	Depth
13 7/8"	48	H4D	STC	625'
9 5/8"				4500'
5 1/2"	17	P11D	LTC	12200'
2 3/8"	4.7	L8D	EVE	10,155

12100: TCP Mrrw 12106 - 12116' (40)

2100 mcpd. 2700 @ 12164"

Depleted rapidly. BHP = 110 psi @ 12027'  
BHT = 165°F



"BEFORE"

"~~MAKING~~"

- Sketch Not To Scale -

KBCollins/

Well: Potect Strawberry Fed. 1

Zero: 17' AGL

Location: 165D' FNL, 66D' FEL

KB: 3948'

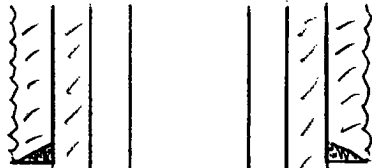
H-10-175-31e

GL: 3931'

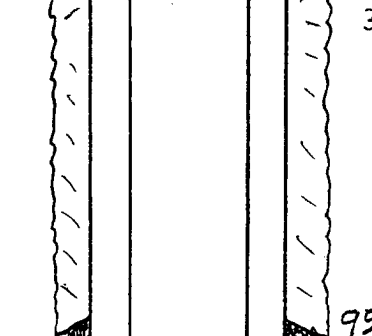
Eddy NM

Casing Program:

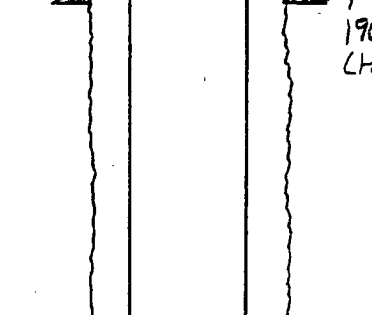
Size	Wt.	Grade	Conn.	Depth
13 7/8"	48	H4D	STC	625'
9 5/8"				4500'
5 1/2"	17	P11D	LTC	12200'
2 3/8"	4.7	L8D	EVE	10,155



13 7/8" @ 625'  
350 5x 35165 P02 + 200 C Circ.  
184 5x.



9 5/8" @ 4500'  
1900 35165 P02 + 200 C Circ 200 5x  
(Had wtr flow - did top 592. 5x)



TOC 7410' CBL

8597-8732' (10)

V. Wolfcamp

9630-9684' (12)

L. Wolfcamp

10232-10282' (20)

Cisco

11618'-11633' (96)

Atoka (Wet)

12028-12032' (20)

Mrrw

12106-12116' (40)

L. Mrrw

5 1/2" @ 12200'

1170 C P02 + 100 C

12200

- Sketch Not To Scale -

KBCollins/

" AFTER "

C10P + 35' ant  
10280'

C10P + 11600' ant

C10P + 35' ant  
11975'

C10P + 10' ant 12090'

PBD 12186'

400 SHEETS, FULL 1/2" 5.00 MARE  
50 SHEETS, FULL 1/2" 5.00 MARE  
100 SHEETS, FULL 1/2" 5.00 MARE  
150 SHEETS, FULL 1/2" 5.00 MARE  
200 SHEETS, FULL 1/2" 5.00 MARE  
250 SHEETS, FULL 1/2" 5.00 MARE  
300 SHEETS, FULL 1/2" 5.00 MARE  
350 SHEETS, FULL 1/2" 5.00 MARE  
400 SHEETS, FULL 1/2" 5.00 MARE  
450 SHEETS, FULL 1/2" 5.00 MARE  
500 SHEETS, FULL 1/2" 5.00 MARE  
550 SHEETS, FULL 1/2" 5.00 MARE  
600 SHEETS, FULL 1/2" 5.00 MARE  
650 SHEETS, FULL 1/2" 5.00 MARE  
700 SHEETS, FULL 1/2" 5.00 MARE  
750 SHEETS, FULL 1/2" 5.00 MARE  
800 SHEETS, FULL 1/2" 5.00 MARE  
850 SHEETS, FULL 1/2" 5.00 MARE  
900 SHEETS, FULL 1/2" 5.00 MARE  
950 SHEETS, FULL 1/2" 5.00 MARE  
1000 SHEETS, FULL 1/2" 5.00 MARE

12 1/4"

8 3/4"