

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUPPLEMENTARY 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 ☐ Other2. Name of Operator **Marbob Energy Corporation**3a. Address
PO Box 227, Artesia, NM 88211-02273b. Phone No. (include area code)
505-748-3303

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

1980 FSL 1930 FWL, Sec. 19-T17S-R31E, Unit K

OCT 02 2007

OCD-ARTESIA

5. Lease Serial No

NMLC031844

6. If Indian, Allottee or Tribe Name

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

NMNM112731

8. Well Name and No.

Junction Federal Com #1

9. API Well No.

30-015-33533

10. Field and Pool, or Exploratory Area

Cedar Lake; Morrow, North

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 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.)

Marbob Energy Corporation proposes to perforate, acidize, test & possibly frac the following Atoka, Upper Penn (Canyon), Wolfcamp and/or Abo zones as follows:

CIBP + 35' cmt @ 11150' Atoka 10807' - 10811' (30 shots) 500 gal NE Fe 7 1/2% HCl Morrow acid

Following plug back methods will be determined based on results of previous zone(s):

| | | | |
|---|----------------------------|----------------------------------|------------------------------------|
| CIBP + 35' cmt @ 10775' | Upper Penn (Canyon) | 9572' - 10052' (25 shots) | 5500 gal NE Fe 15% HCl acid |
| CIBP + 35' cmt @ 9525' | Wolfcamp | 9161' - 9427' (15 shots) | 3000 gal NE Fe 15% HCl acid |
| CIBP + 35' cmt @ 9125' & 8305' | Abo 1 | 8131' - 8196' (12 shots) | 1500 gal NE Fe 20% HCl acid |
| CIBP @ 8120' | Abo 2 | 7929' - 8029' (20 shots) | 2000 gal NE Fe 20% HCl acid |
| CIBP @ 7900' | Abo 3 | 7166' - 7172' (7 shots) | 500 gal NE Fe 20% HCl acid |
| CIBP @ 7150' | Abo 4 | 6978' - 7022' (15 shots) | 1500 gal NE Fe 20% HCl acid |

See attached procedure & wellbore schematics

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)**Diana J. Briggs**Title **Production Analyst**

Signature

Date

09/19/2007**THIS SPACE FOR FEDERAL OR STATE OFFICE USE****APPROVED****SEP 26 2007****LES BABYAK
PETROLEUM ENGINEER**

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 page 2)

**Junction Fed Com 1
K-19-17S-31E
Eddy Co., NM
Recompletion Procedure 1
17 Sept 2007**

Basic Data:

16" @ 345' Circ. Cmt.
11-3/4" @ 1397' Circ. Cmt.
8-5/8" @ 3985' Circ. Cmt.
5-1/2" @ 11420', DV @ 9013', TOC 2500' TS
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: Complete well in the Atoka, Canyon, Wolfcamp and/or Abo. It is possible that multiple zones might be down hole commingled if they are marginal by themselves.

Procedure:

1. When ready to move up hole, RU lubricator, run gauge ring/junk basket to 11150', set CIBP + 35' cement at 11150' and perf the Atoka with 3-3/8" or 4" casing guns loaded 6 spf at 60° phasing at the depths shown below (inclusive):

Atoka: 10807-11' (30) OH Log

2. RIH with packer assembly, set packer about 10775', test annulus to 1000 psi, tree up, swab tubing dry (or run tubing dry with pump out plug below packer) and acidize with 500 gals. NE Fe 7.5% HCl Morrow acid at 2-5 bpm while limiting treating pressure to 5000 psi and while holding 1000 psi on annulus. Drop no ball sealers through acid. Swab/flow test until notified to do otherwise.
3. If decision is made to frac, install frac valve with BOP on top, get off on/off tool, swab most of fluid out of casing, TOOH with packer, install casing saver and frac Atoka down casing at 20 bpm using 65Q foam carrying 15000 lbs 18/40 versaprop. Recommend placing 1500 psi on 8-5/8" x 5-1/2" annulus during frac.
4. Clean well up, dump 15 bbls KCl water down casing, shut in overnight, run gauge ring to check for fill, then lubricate a packer assembly on wireline to approx. 10775'. Blow casing down, run tubing, circulate inhibited packer fluid (190 bbls annular volume), space out, latch onto packer, tree up, pump plug out of packer, swab well in, clean up and go to sales.

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5. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP + 35' cement at 10775' if abandoning Atoka. RU lubricator and perf the Canyon with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Canyon: 9572', 9574', 9588', 9589', 9592', 9593', 9599', 9600', 9623', 9624', 9728', 9729',
9921', 9922', 9925', 9926', 9927', 10038', 10040', 10042', 10044', 10046', 10048',

10050', 10052' (25) OH Log

Canyon: 9571', 9573', 9587', 9588', 9591', 9592', 9598', 9599', 9622', 9623', 9727', 9728',
9920', 9921', 9924', 9925', 9926', 10037', 10039', 10041', 10043', 10045', 10047',
10049', 10051' (25) GR/CCL

6. RIH with packer assembly to 10035', spot 500 gals NE Fe 15% HCl, pull packer to 9450', reverse 15 bbls fluid down annulus, set packer, test annulus to 1000 psi and acidize with 5500 gals NE Fe 15% HCl acid at 3-5 bpm while limiting treating pressure to 6000 psi and holding 1000 psi on annulus. Drop 75 ball sealers through job. Swab/flow test until notified to do otherwise.
7. If decision made to stop here, POOH with treating packer. RIH with production packer with 500' tailpipe on bottom, set packer at approx. 9500', test annulus to 1000 psi, tree up and swab/flow test Canyon.

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8. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP + 35' cement at 9525' if abandoning Canyon. RU lubricator and perf the Wolfcamp with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Wolfcamp: 9161-65', 9208', 9210', 9212', 9214', 9216', 9218', 9334', 9335', 9426', 9427' (15) OH Logs

Wolfcamp: 9159-63', 9206', 9208', 9210', 9212', 9214', 9216', 9332', 9333', 9424', 9425' (15) GR/CCL

9. RIH with packer assembly, set packer about 9125', test annulus to 1000 psi, swab tubing dry (or open bypass, spot acid close to packer, close bypass) and acidize with 3000 gals. NE Fe 15% HCl acid at 2-5 bpm while limiting treating pressure to 6000 psi and while holding 1000 psi on annulus. Drop 45 ball sealers throughout acid. Swab/flow test until notified to do otherwise.

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10. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP + 35' cement at 9125' and CIBP + 35' cement at 8305' if abandoning Wolfcamp. RU lubricator and perf the Abo 1 with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Abo 1: 8131', 8136', 8139', 8143', 8147', 8166', 8168', 8180', 8182', 8192', 8194', 8196' (12) OH Logs

Abo 1: 8128', 8133', 8136', 8140', 8144', 8163', 8165', 8177', 8179', 8189', 8191', 8193' (12) GR/CCL

11. RIH with packer assembly, set packer about 8100', test annulus to 1000 psi, swab tubing dry (or open bypass, spot acid close to packer, close bypass) and acidize with 1500 gals. NE Fe 20% HCl acid at 2-5 bpm while limiting treating pressure to 6000 psi and while holding 1000 psi on annulus. Drop 36 ball sealers throughout acid. Swab/flow test until notified to do otherwise.

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12. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP at 8120' if abandoning Abo 1. RU lubricator and perf the Abo 2 with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Abo 2: 7929', 7931', 7933', 7935', 7937', 7939', 7941', 7943', 7967', 7969',

7989', 7991', 7993', 7995', 7997', 7999', 8020', 8022', 8027', 8029' (20) OH Logs

Abo 2: 7926', 7928', 7930', 7932', 7934', 7936', 7938', 7940', 7964', 7966',
7986', 7988', 7990', 7992', 7994', 7996', 8017', 8019', 8024', 8026' (20) GR/CCL

13. RIH with packer assembly, set packer about 7900', test annulus to 1000 psi, swab tubing dry (or open bypass, spot acid close to packer, close bypass) and acidize with 2000 gals. NE Fe 20% HCl acid at 2-5 bpm while limiting treating pressure to 6000 psi and while holding 1000 psi on annulus. Drop 60 ball sealers throughout acid. Swab/flow test until notified to do otherwise.
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14. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP at 7900' if abandoning Abo 2. RU lubricator and perf the Abo 3 with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Abo 3: 7166-72' (7) OH Logs

Abo 3: 7162-68' (7) GR/CCL

15. RIH with packer assembly, set packer about 7125', test annulus to 1000 psi, swab tubing dry (or open bypass, spot acid close to packer, close bypass) and acidize with 500 gals. NE Fe 20% HCl acid at 1/2 bpm while limiting treating pressure to 6000 psi and while holding 1000 psi on annulus. Drop no (0) ball sealers through acid. Swab/flow test until notified to do otherwise.
- =====

16. When ready to move up hole, plug back method will be determined based on results of previous zone(s). Will likely set CIBP at 7150' if abandoning Abo 3. RU lubricator and perf the Abo 4 with 3-3/8" or 4" casing guns loaded 1 spf at any phasing at the depths shown below (inclusive):

Abo 4: 6978', 6979', 6984', 6985', 6986', 6989', 6996', 6999', 7005', 7007',
7009', 7019', 7020', 7021', 7022' (15) OH Logs

Abo 4: 6974', 6975', 6980', 6981', 6982', 6985', 6992', 6995', 7001', 7003',
7005', 7015', 7016', 7017', 7018' (15) GR/CCL

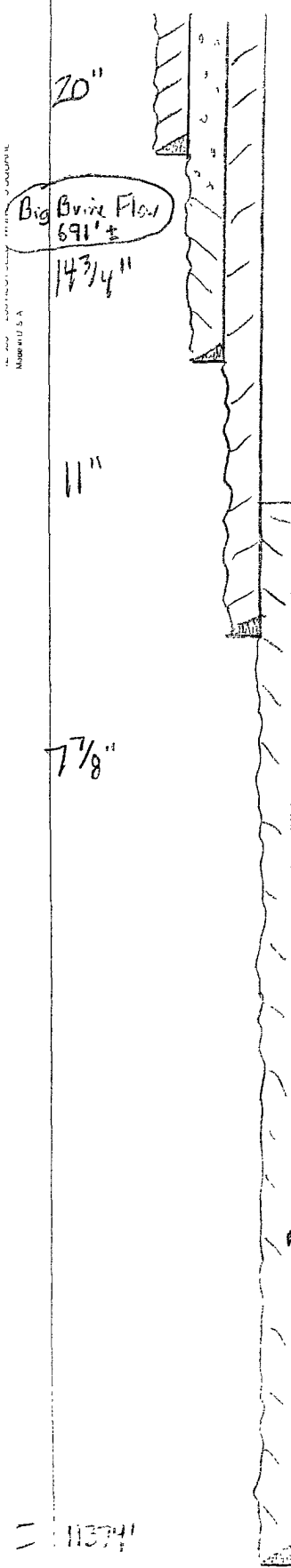
17. RIH with packer assembly, set packer about 6950', test annulus to 1000 psi, swab tubing dry (or open bypass, spot acid close to packer, close bypass) and acidize with 1500 gals. NE Fe 20% HCl acid at 1-2 bpm while limiting treating pressure to 6000 psi and while holding 1000 psi on annulus. Drop 45 ball sealers—throughout acid. Swab/flow test until notified to do otherwise.

Kbc/junction fed 1 at cnyn wc abo

Junction Field Conn 1
 1780' FSL, 1730' FWL
 K-19-175-31e
 Eddy NM

Beam: 17' AGL
 H/B: 3626'
 GL: 3303'

| Size | Wt | Gr | Conn | Depth |
|---------|-----|---------|------|--------|
| 16" | 65 | J55 | BTC | 345' |
| 11 3/4" | 42 | J55 | STC | 1397' |
| 8 5/8" | 32 | J55 | BTC | 3985' |
| 5 1/2" | 17 | M95-110 | LTC | 11420' |
| 2 3/8" | 4.7 | L80 | EUE | |



16" @ 345'
 250 HLC + 200 "C"
 (Circ 5354)

11 3/4" @ 1397'
 750 HLC + 200 "C"
 150 "C" down annulus

TAC 2500' TS

8 5/8" @ 3985'
 650 FHL + 200 "C" + 50 "C" down annulus
 (Circ 18454)

DV 9013'

BERG

11195-11207'
 11225-11234' (132)

5 1/2" @ 11420'

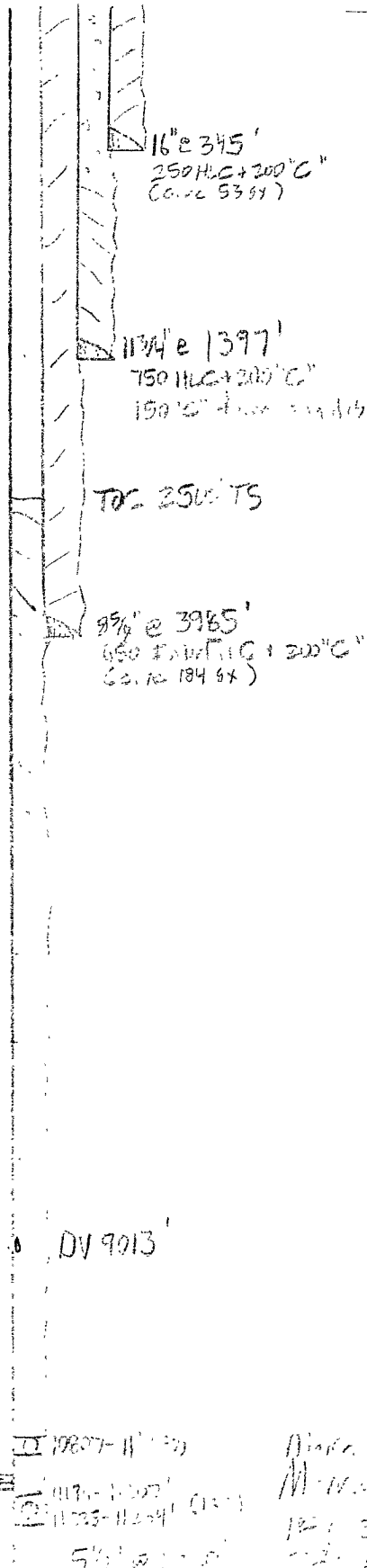
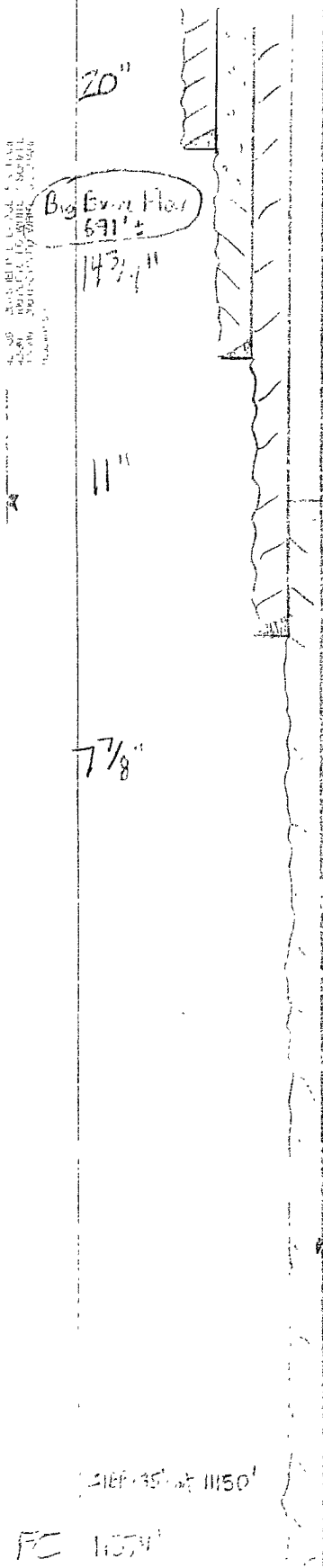
Marrow

12: 535 Super H (Circ 12144)
 3rd: 675 HLC + 200 Super H

Inclined Core 1
 1700 FSL, 1700 FVL
 K-19-175-31e
 Eddy, NM

20 17' AGL
 1700 3526'
 621 1703'

| Size | wt | Gv | Count | Depth |
|---------|-----|---------|-------|--------|
| 16" | 65 | J55 | ATC | 645' |
| 11 3/4" | 42 | J55 | STC | 1371' |
| 8 5/8" | 32 | J55 | 6E | 3925' |
| 5 1/2" | 17 | M75-110 | LTC | 11420' |
| 2 3/8" | 4.7 | L80 | 3E | |



"AF11"

11174-11207'
 11207-11234' (13x)
 11234-11254'
 11254-11274'
 11274-11304'
 11304-11334'
 11334-11364'
 11364-11394'
 11394-11420'