

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill for 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 FSL 330 FEL, Sec. 22-T17S-R29E, Unit I

5. Lease Serial No.

NMLC028731A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM111789X

8. Well Name and No.
Dodd Federal Unit #85

9. API Well No.
30-015-03046

10. Field and Pool, or Exploratory Area
Grbg Jackson SR Q Grbg SA

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 checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input 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 recompleate 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 recompleation 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.)

Plug & abandon as follows:

Notify BLM 24 hrs before starting plugging operations.

1. POOH w/ rods & tbq.
2. Set CIBP @ 2300'. Spot 10 sx Class "C" neat cmt on top of CIBP. Pull up to 2100' & spot 40 bbls 9 ppg brine mixed w/ 25 sx per 100 bbls salt gel (appx 50 bbls csg volume).
3. Pull tbq to 780' & spot 25 sx Class "C" + 2% CaCl2. TOOH w/ tbq. WOC couple hrs & tag cmt w/ tbq.
4. Shoot 4 sqz holes @ 400' (just below 8 5/8" shoe @ 393'). Pump 150 sx Class "C" + 2% CaCl2 to fill up 8 5/8" x 5 1/2" annulus to surface w/ cmt.
5. Fill 5 1/2" csg f/ 350' to surface w/ 45 sx Class "C" + 2% CaCl2 cmt.
6. Cut wellhead & csqs off 3' below ground level & remove. Install dry hole marker.
7. Cut off anchors & reclaim location per BLM specs.

Accepted for record
NMOCD

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Diana J. Briggs

Title **Production Analyst**

Signature

Date

10/10/2006

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

APPROVED

OCT 16 2006

**WESLEY W. INGRAM
PETROLEUM ENGINEER**

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)

**Conditions of Approval
Plug and Abandonment Procedure
Dodd Federal Unit #85**

Step 1 – okay

Step 2 – TAG PLUG.

Step 3 – Perforate squeeze holes @ 780 feet. (Previous casing leak squeeze should have filled annulus at this point. However, since the cement top is not positively known, the perforations are needed.) Onshore Order 2.III.G.2 – 100 feet of hole plus 10% slurry per 1000 feet. This plug needs to be 110 feet long. TAG PLUG.

Step 4 – Perforate 4 squeeze holes @ 443 feet. Plug is to be 50' below and above casing shoe. TAG PLUG.

Step 5 – okay

Step 6 – okay

Step 7 – okay

**Accepted for record
NMOCD**

**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
505-234-5972**

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 505-627-0272; Eddy County, call 505-234-5972; Lea County, call 505-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 50 feet of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs/gal with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs/gal with 4.3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

**Accepted for record
NMOCD**

Well: Dodd FEDERAL #85
(Mary Dodd #11)

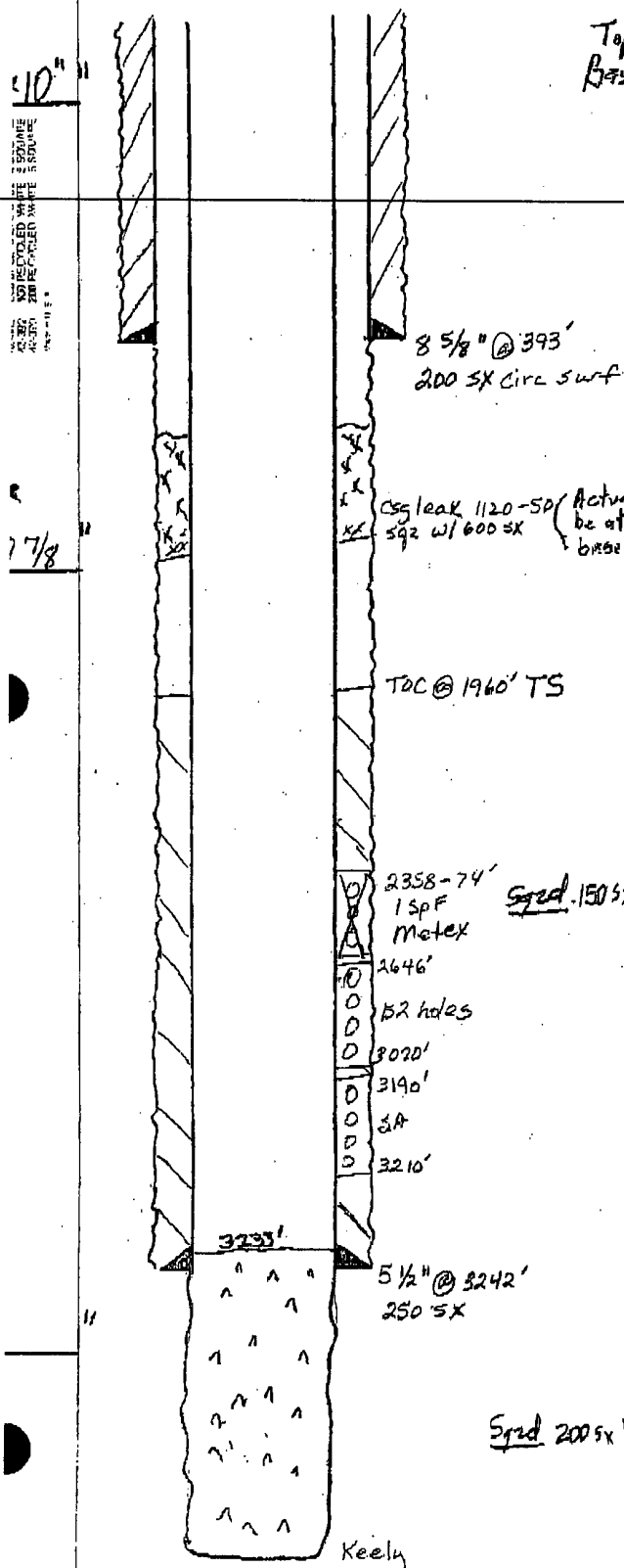
7 : 1.5' AG
DF 1 3578
GL : 3576.5

Location: 1650' ESL 330' FEL
I- Sec 22-T17S-R29E
Eddy County, NM
LC 028731-A

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24#	H-40	8rd	393'
5 1/2"	14#	J-55	8rd	3242'
2 3/8"				3210'

Top Salt: 300'
Base Salt: 730'



Spud 12/20/55 Compl 2/8/56
2/9/56 - Frac open hole w/10000 gal oil + 15000# sand.

3/4/66 - Convert to WIW

3/5/69 - Perf @ 2358', 59', 60', 61', 62', 63', 64', 65', 66', 67', 68', 69', 70', 71', 72', 73', 74', Metex
Acidz down to bg w/2000 gal 15% HCL. 4500 gal injected into perfs.
Metex injection down to bg.
Keely injection down CSG.

4/14/72 - Convert to Oil well
Perf 3190'-3210', 1 spf
Acidz w/1000 gal 15% NE HCL.
Frac w/9000 gal Acid K Frac + 4000# 100 mesh sand + 8500# 20-40 sand.

4/29/77 - Perf 2646-50, 2710-16, 2728-36, 2742-49, 2753-59, 2767-94, 2808-13, 2820-29, 2896-2902, 2918-36, 2948-53, 3016-46, 3062-70
Acidz 3016-70 w/1000 gal 15% NE acid
Acidz 2896-2953 w/1000 gal 15% NE acid
Acidz 2646-2829 w/2500 gal 15% NE acid
Frac perfs 2896-3070 w/10000 gal acid frac + 100 SX 20/40 sand.
Frac perfs 2646-2829 w/10000 gal acid frac + 130 SX 20/40 sand.

BEFORE

Accepted for record
NMOC

4/7/05

KBC/llm/dlw

- Sketch Not To Scale -

Well: Dodd FEDERAL #85
(Mary Dodd A #11)

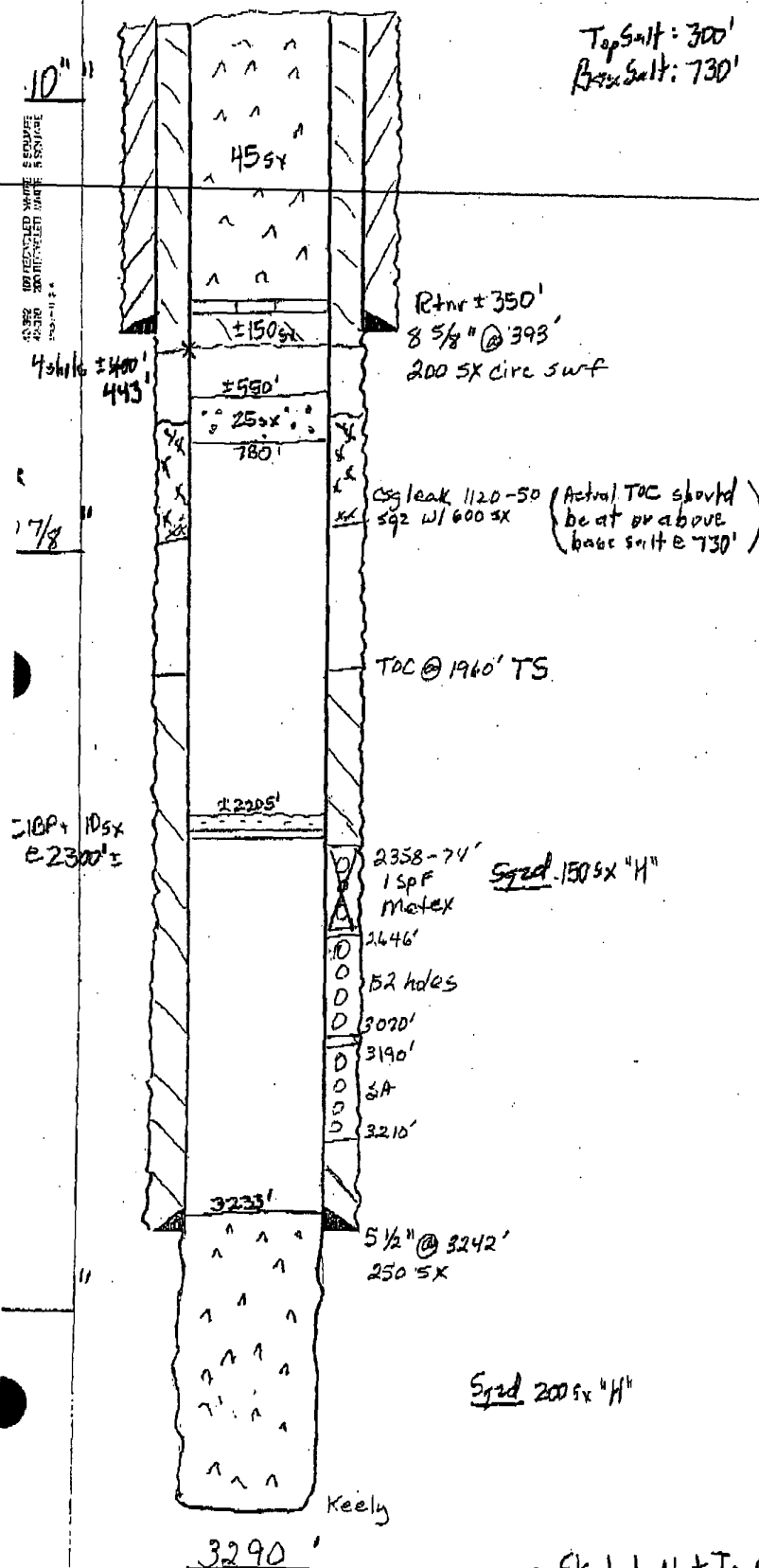
2" : 1.5' AGL
DF No 1 3578
GL: 3526.5

Location: 1650' ESL 330' ESL
I- Sec. 22-T175-R29E
Eddy County, NM

Casing Program:

Size	Wt.	Grade	Conn.	Depth
8 5/8"	24#	H-40	8rd	393'
5 1/2"	14#	J-55	8rd	3242'
2 3/8"				9210'

Top Salt: 300'
Base Salt: 730'



Spud 12/20/55 Compd 2/8/56
2/9/56 - Frac open hole w/10000 gal oil + 15000# sand.

3/4/66 - Convert to WIW

3/5/69 - Perf @ 2358', 59', 60', 61', 62', 63', 64', 65', 66', 67', 68', 69', 70', 71', 72', 73', 74', metex
Acidz down tbg w/2000 gal 15% HCL. 450 gals injected into perfs.
Metex injection down tbg.
Keely injection down csq.

4/14/72 - Convert to Oil well
Perf 3190-3210', 1 spf
Acidz w/1000 gal 15% NEHCL.
Frac w/9000 gal Acid K Frac + 4000# 100 mesh sand + 8500# 20-40 sand.

1/29/77 - Perf 2646-50, 2710-16, 2728-36, 2742-49, 2753-59, 2767-74, 2808-13, 2820-29, 2896-2902, 2918-36, 2948-53, 3016-46, 3062-70
Acidz 3016-70 w/1000 gal 15% NE acid
Acidz 2896-2953 w/1000 gal 15% NE acid
Acidz 2646-2829 w/2500 gal 15% NE acid
Frac perfs 2896-3070 w/10000 gal acid frac + 100 SX 20/40 sand.
Frac perfs 2646-2829 w/10000 gal acid frac + 130 SX 20/40 sand.

Accepted for record
NMOCB

AFTER

Spud 200 SX "H"

4/7/05

KBCollins / dlw

- Sketch Not To Scale -