

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

99 JUL 12 PM 2:20  
070 FT. WASHINGTON, NM

5. Lease Designation and Serial No.

444 079139A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KIMBELL OIL COMPANY OF TEXAS

3. Address and Telephone No.

500 THROCKMORTON ST., Suite 3000, FT. WORTH, TX. 76102 (817) 335-2591

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

790' FNL & 890' FEL (NE/4 of Section 35)  
SECTION 35-T25N-R6W  
RIO ARRIBA County, N. Mexico A

8. Well Name and No.

435 WARREN FEDERAL

9. API Well No.

039-05964 #14

10. Field and Pool, or Exploratory Area

OTERO GALLUP.

11. County or Parish, State

RIO ARRIBA, N.M.

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

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

WELL DATA: T.D.: 7060'; P.B.T.D.: 7058'

ELEVATIONS: 4763' G.L.: 6773' K.B.

Initial Completion DATE: 9-23-58 (DAKOTA) Abandoned w/CIBPO 6200'.

Recompleted to GALLUP: 7-12-59 (GALLUP).

GALLUP PERFORATIONS: 6000'-6096'.

WELL BORE CASINGS: 8 5/8" Surface set @ 348' Cement circulate TO GROUND SURFACE.

5 1/2" 15.5 & 17.0 #1/ft. Set @ 7060' D.V.

TOOL @ 2803' Cemented w/ 550 sx ON BOTTOM. Est. T.O.C. @ 5500' Cement with 250 sx. Thru D.V. Top. Top of Cement @ 1575' w/ Temperature Survey.

Formation Tops: P.C. @ 2620'

CHACEA @ 3462'

MESAVENDE @ 4172'

GALLUP @ 5980'

GREENHORN @ 6790'

GRAVEROS @ 6845'

DAKOTA @ 6980'

\*\*Note: SEE Attached Plugging Procedure

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

## **PLUG & ABANDONMENT PROCEDURE**

**Warren Federal #1-35**

**Basin Dakota**

**790' FNL, 890' FEL : NE/4 Section 35, T-25-N, R-6-W**

**Rio Arriba Co., NM**

**Elevations: 6763' G.L. ; 6773' KB**

**Note: All cement volumes use 100% excess outside pipe and 50% excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.**

- 1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Kimbell Oil Company safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.**
- 2. Pull and visually inspect tubing and if tubing has heavy scale or is in poor condition, then LD and PU 2" work string. Trip in hole with tubing open ended to set cement plug #1 (top of Dakota).**
- 3. Plug # 1: Top of Dakota formation @ 6980'. Dakota perforations from 7014'-7040' below Cast iron bridge plug set @ 6200'. Circulate and spot 15 sx Class B cement from top of CIBP @ 6200'. Pull tubing up to 6060'.**
- 4. Plug # 2 : Top of Gallup @ 5980'. Mix 22 sxs Class B cement and spot a balanced plug inside casing from 5930' - 6030'. POH with tubing. Tag top of Gallup plug after minimum 8 hrs.**
- 5. Plug # 3: Top of Mesaverde @ 4172' : Perforate 3 HSC squeeze holes at 4172'. Establish rate into perforations. PU 5-1/2" cement retainer and RIH; set at 4147'. Mix and pump 55 sx. Class B cement, squeeze 33 sxs outside casing and leave 22 sx in casing over Mesaverde top. POH with tubing.**
- 6. Plug # 4: Top of Chacra @ 3462' : Perforate 3 HSC squeeze holes at 3462'. Establish rate into squeeze holes. PU 5-1/2" cement retainer and RIH; set at 3437'. Establish rate into squeeze holes . Mix and pump 55 sx Class B cement. Squeeze 33 sxs outside casing and leave 22 sx inside casing over Chacra top. POOH to 2500'.**
- 7. Plug # 5: Top of Pictured Cliffs @ 2620': Set bottom of tubing at 2670'. Mix and spot 22 sx Class B cement for balanced plug inside casing to cover top of Pictured Cliffs . POH with tubing.**
- 8. Plug # 6: Top of Ojo Alamo @ 1945': Perforate 3 HSC squeeze holes at 1945'. Establish rate into squeeze holes. PU 5-1/2" cement retainer and RIH; set at 1920'. Mix and pump 55 sx Class B cement, squeeze 33 sxs outside casing and leave 22 sxs inside. POH and lay down tubing with setting tool.**
- 9. Plug # 7: 8-5/8" surface casing shoe: Perforate 3 squeeze holes at 348'. Establish circulation out Bradenhead valve. Mix 120 sxs Class B cement and pump down 5-1/2" casing, circulate good cement out Bradenhead valve. Shut well in and WOC.**

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**Plug & Abandonment Procedure**

**Warren Federal #1-35 : Sundry Notice Filing to P&A**

**NE/4 Section 35-T25N-R6W**

**Rio Arriba County, NM**

10. RD BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

**WELL DATA:**

1. 8-5/8" surface casing set and cement circulated to surface @ 348'.
2. 5-1/2" 17.0 & 15.5 lb/ft. Casing set and cemented with 550 sacks cement @ 7060'. Top of cement Calculated to be @ 5500'.
3. Formation Tops: Ojo Alamo @ 1945'  
PC @ 2620'  
Mesaverde @ 4172'  
Gallup @ 5980'  
Graneros @ 6845'  
Dakota @ 6980'

I hereby certify that the foregoing is true and correct and is submitted as an Attachment To BLM form 3160-5 "SUNDRY NOTICES AND REPORTS ON WELLS" for the proposed abandonment of the Kimbell Oil Company of Texas Warren Federal #1-35 well; 790' FNL & 890' FEL ; NE/4 of Section 35, T-25-N, R-6-W, Rio Arriba County, New Mexico.

Signed J. M. Hix Title Operations Engineer Date 6/22/97