

CISF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Conservation Division  
1118 1st Street  
SUNNYVALE, NM 89210-2834  
Artesia, NM

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

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

5. Lease Designation and Serial No.  
**FEDERAL LC-064622**  
6. If Indian, Allottee or Tribe Name

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 SUITE 3000, FT. WORTH, TEXAS 76102**  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**330' FNL E 1980' FWL Section 36-T18S-R26E**

7. If Unit or CA, Agreement Designation  
8. Well Name and No.  
**B & B FEDERAL #1**  
9. API Well No. **30-015-00273**  
**30-015-87163**  
10. Field and Pool, or Exploratory Area  
**DAYTON-ABO**  
11. County or Parish, State  
**Eddy, N.M.**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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.)\*

\* SEE ATTACHED PROPOSED OPERATIONS: "B & B FEDERAL No. 1 - Abandonment Procedure"  
Modified ATTACHMENT - A -

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OCD - ARTESIA  
JAN 25 1991

14. I hereby certify that the foregoing is true and correct  
Signed **J. M. Stuckel** Title **OPERATIONS ENGINEERING** Date **1/17/2001**  
(This space for Federal or State Use)  
Approved by **(ORIG. SGD.) DAVID R. GLASS** Title **PETROLEUM ENGINEER** Date **FEB 12 2001**  
Conditions of approval, if any:

SEE ATTACHED FOR

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly 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.

101 03-  
JAVC 7-70

**Attachment -A-**

**Proposed Abandonment Procedure**  
**BLM Form 3160-5 "Sundry Notices and Reports on Wells"**  
for\  
**Kimbell Oil Company of Texas**  
**B&B Federal #1 Well**  
**Unit C, Section 36-T18S-R26E**  
**Eddy County, New Mexico**

**Current Wellbore Status:**

**Initial Completion:** 6/8/59  
**Surface Casing:** 8-5/8" 24# set and cemented to surface w/ 650 sx. Cement @ 990'.  
**Size hole drilled:** 7-7/8" from 991'-6338'  
**Production Casing:** 5-1/2" 14.0# New J-55 set and cemented @ 6388' w/ 300sx. neat Trinity 2.0% Bentonite Gel. (Yield= 1.23 ft<sup>3</sup>/sk). Calculated T.O.C.= 4384'.  
**Perforations:** Abo zone @ 5840'-5848' (32 holes)  
**P.B.T.D.:** 5935". C.I.B.P. Set @ 5935'-5936' on initial completion.  
**Formation Tops:** Wolfcamp @ 6350'; Abo @ 5823'; Bone Springs @ 4390'; Glorieta @ 2830'.  
**Additional Data:** Well has been inactive (non-producing) as uneconomical to produce  
Last production testing showing 1.25 Bopd + 25 BWPD from Abo zone.

**Proposed Wellbore Plugging & Abandonment Procedure:**

1. MIRU pulling unit and pull sucker rods and pump out of hole. Drop standing valve and pressure test 2-3/8" 8rd eue tubing to 500 psig. Trip out of hole with tubing and strap same.
2. Trip in hole with open ended tubing to 5935' (PBDT). Circulate hole with 9.0#/gal. Fresh water mud. Mix and pump 5 sx Class "A" neat cement (plug #1) on top of CIBP @ 5935' (Cement yield = 1.23 ft<sup>3</sup>/sk). Pull tubing to 5825' and pump to spot 21 sx. Class "A" neat cement (plug #2) from 5825'-5625' (Cement Yield = 1.23 ft<sup>3</sup>/sk.). Pull tubing out of hole to 2850'. Circulate hole clean from 2850' with 9.0# fresh water mud. Shut well in overnight.
3. Trip in hole with tubing to tag cement plug #1 ( Abo perforations plug #2 from 5825'-5625') *Perforate @ 2850' & Squeeze 40 sx.* Pull tubing to 2850' and pump to spot 21 sx. Class "A" neat (cement plug #3) from 2850'-2650'. Pull tubing up to 1000' and pump to spot 21 sx class "A" w/ 1% CaCl (cement plug #4: surface casing/shoe plug) from 1000'-800'. Pull tubing to 500' and wait on cement for 4.5 hours and tag same with tubing. Pull out of hole with tubing and set surface cement plug #5 from 10' to surface with 5 sx. Class "A" containing 2% CaCl. Remove BOPE and release rig. *Perforate @ 1000' & Squeeze 40 sx.*

4. Cut off casings 4' below ground level and install plugged and abandoned well marker.

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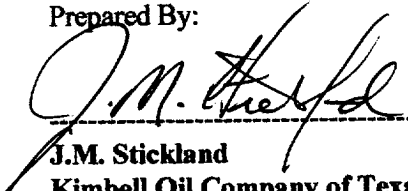
Attachment-A-

B&B Federal #1 Well Abandonment Procedure

BLM Form 3160-5 "Sundry Notices"

5. Disconnect, cleanout and remove all surface equipment and facilities.
6. Notify oth New Mexico State OCD representatives and BLM offices in Artesia and Roswell respectively of Final location site Abandonment inspection and conduct same. Conduct any additional surface reclamation work as is required by either agency.
7. File final abandonment paper work forapprovals by both NMOCD and BLM for record on this well bore and well site.

Prepared By:

 1/17/2001  
J.M. Stickland Date  
Kimbell Oil Company of Texas  
Operations Engineering