Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

5. LEASE DESIGNATION AND SERIAL NO.: LC-032579(e)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -

7. UNIT AGREEMENT NAME: -

2. NAME OF OPERATOR: National Coop. Refinery Assoc.

8. FARM OR LEASE NAME: Westates Federal

3. ADDRESS OF OPERATOR: 415 W. Wall, Suite 2215, Midland, Texas 79701

9. WELL NO.: 6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 330' FNL, 330' FWL, NW/NW Section 1

10. FIELD AND POOL, OR WILDCAT: North Justis, McKee & Ellen

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 1, T-25-S, R-37-E

14. PERMIT NO.: -

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 3135' GL, 3146' KB

12. COUNTY OR PARISH: Lea

13. STATE: New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*	X	SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. 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.)*

Due to recent tests conducted on the Westates Federal Well No. 6 revealing casing leaks, final management approval to P&A this well has been received.

See attached plugging procedure for details.

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

SIGNED Carrie A. Baze TITLE Production Clerk DATE 4-17-89

(This space for Federal or State office use)

APPROVED BY Thomas J. Moore FOR: TITLE _____ DATE 4-25-89

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

PLUGGING PROCEDURE

WESTATES FEDERAL NO. 6

LOCATION: 330' FNL & 330' FWL
Section 1, Township 25 South, Range 37 East
Lea County, New Mexico

FIELD: North Justice

ELEVATIONS: 3135' GL, 3146' KB, TD = 8466'; PBD = 7835'

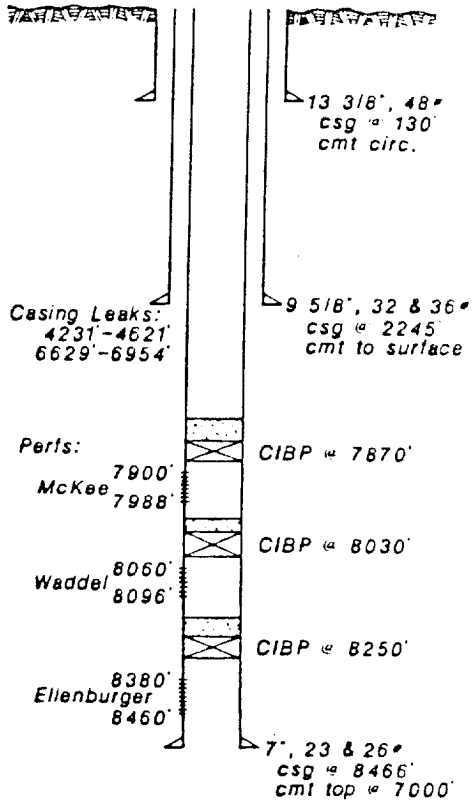
SPUD DATE: August 12, 1961 COMPLETION DATE: September 26, 1961

INITIAL COMPLETION: Perforated Ellenberger from 8380-8460' and McKee from 7900-7910', 7934-7938' and 7958-7988' w/2 SPF.

WORKOVERS: 7/06/63 - Perforate Waddel intervals 8060-8065', 8070-8074', and 8089-8096' w/2 SPF. Acidize w/500 gallons mud acid, reran dual tubing strings. Put Ellenberger zone on pump.

2/05/68 - Shut-in (T&A).

2/17/74 - Set CIBP above Ellenberger at 8250' with 35' cement on top of plug. Set CIBP @ 8030' with 20' cement on top of plug. Set CIBP at 7870' with 35' cement on top of plug.



1. Move in, rig up service unit.
2. Nipple down wellhead, nipple up BOP.
3. Pick up 2-3/8" work string and trip in hole to 7000'. Displace hole with 9.0 ppg brine.
4. Pump 125 sacks of Class H Neat cement and displace cement with 25 barrels of 9.0 ppg brine.
5. Pull tubing up to 6200'.
6. Close backside and squeeze 8 barrels of cement into casing leak by pumping down tubing.
[TAG] SJS
7. Pull tubing up to 4700'.
8. Pump 150 sacks of Class H Neat cement down tubing and displace with 16.6 barrels of 9.0 ppg brine.

9. Pull tubing up to 3800'.

10. Close backside and pump 7 barrels of brine water down tubing to squeeze cement into casing leak.

11. Trip out of hole with tubing laying down all but 2300' of tubing.

12. Rig up wireline company.

13. Perforate with one squeeze shot (4 SPF) at 2300'.

14. Rig down wireline company.

15. Trip in hole to 2300'.

16. Open annulus valve between 9-5/8" and 7" casing strings. Close pipe rams and establish circulation through squeeze holes.

17. Mix and pump 50 sacks of Class "C" cement with 2% $CaCl_2$. Displace cement with 8.3 barrels of 9.0 ppg brine. [TAG] SDS

18. Pull up to 1800'.

19. Close pipe rams and open annulus valve between 9-5/8" and 7" casing strings. Pump 4 barrels of brine water down tubing to displace cement into squeeze holes. Close annulus valve.

20. Lay down all but 2 joints of tubing.

21. Mix and pump 20 sacks of Class "C" cement with 2% $CaCl_2$ and fill hole from 60' to surface.

22. Nipple down BOP, and release rig.

23. Cut off casing 3' below ground level and weld on P&A marker.

24. Clean up location and reseed to BLM specifications.

NOTES: A 10 barrel fresh water spacer will be pumped ahead of each of the cement plugs.

If good circulation is established up the 9-5/8" - 7" annulus, the annulus valve should not be opened after the cement is pumped unless the tubing and surface lines are filled with water and they are tied directly into a full tank on the pump truck. This is because the well will probably go on a vacuum and the exact amount of cement displacement outside the pipe cannot be determined unless the hole and lines are kept full of fluid. The annulus valve should be closed when 3 to 3-1/2 barrels of fluid has been sucked out of the tank. The remaining 1/2 to 1 barrel should then be pumped into the tubing.

The Class H cement plugs should be mixed using 4.3 gallons of fresh water per sack of cement. The slurry should weigh 16.4 ppg and have a yield of 1.06 ft^3/sx.

The Class C cement plug should be mixed using 6.3 gallons of fresh water per sack of cement. The slurry should weigh 14.8 ppg and have a yield of 1.32 ft^3/sx.

9.0# per gal brine water will contain Salt Water Gel.

AMO:bjw
4/12/89