N. M. OIL CONS. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☑ gas well ☐ other

2. NAME OF OPERATOR
CONOCO INC.

3. ADDRESS OF OPERATOR
P. O. Box 460, Hobbs, N.M. 88240

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 554' FSL & 2086' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
LC-032573 (A)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NMFU

8. FARM OR LEASE NAME
ELLIOT A-15

9. WELL NO.
4

10. FIELD OR WILDCAT NAME
DRINKARD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 15, T-22S, R-37E

12. COUNTY OR PARISH
LEA

13. STATE
NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☑	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
DEC 29 10 14 AM
BUREAU OF LAND MGMT.
ROSWELL, NEW MEXICO

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.)*

PLEASE SEE ATTACHED PROCEDURE.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED W. A. Rutherford TITLE Administrative Supervisor DATE 12/28/83

APPROVED (This space for Federal or State office use)

APPROVED (Orig. Sgd.) PETER W. CHESTER TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JAN 25 1984

*See Instructions on Reverse Side

ELLIOTT A-15 NO. 4
INTERMEDIATE CASING REPAIR

WELL DATA:

LOCATION: 554' FSL & 2086' FEL of Section 15, T22S, R37E, Lea County, NM

ELEVATION: 3370.5' GL ZERO: 12' AGL

WELLBORE DATA: 13-3/8", 36#, surface casing @ 200' w/200 sx circ.
9-5/8", 36#, intermediate casing @ 2754' w/500 sx. TOC @ 2053'
7", 23# & 26#, production casing @ 6529' w/550 sx. TOC @ 3375'
199 jts., 2-1/16" tubing @ 6409'.
TD: 6530'; PBTD 6450'
PERFS: 6295-6392

RECOMMENDED PROCEDURE:

1. Record production casing pressure & 7" - 9-5/8" annulus pressure.
   A. Bleed 7" - 9-5/8" annulus down.

2. Move in and rig up.

3. Install BOP.
   A. Tag for fill and tally out of hole w/2-1/16" tbg w/swab, sinker bar, and 300' of wireline stuck @ ±5100'.

4. GIH w/6-1/8" bit, casing scraper and 2-1/16" tubing.
   A. Run bit to ±6450' or top of fill.
   B. POOH w/2-1/16" tubing, casing scraper, and 6-1/8" bit.

5. If fill was encountered above 6430', pick up & GIH w/6-1/8" bit, builldog bailer, 4 drill collars & 2-7/8" tubing.
   A. Clean out to ±6450'.
   B. POOH w/2-7/8" tubing, 4 drill collars, bulldog bailer & 6-1/8" bit.
   NOTE: If 2-7/8" tubing was picked up on in step 5, use throughout job.

6. GIH w/7" retrievable bridge plug, on-off tool, and 2-1/16" tubing.
   A. Pressure test and drift the tubing in the hole to 5800 psi above the slips.
   B. Set the bridge plug at ±4300'.
   C. Load 7" csg w/9# brine w/1 gal Adomall per 1000 gallons.
   D. Test the bridge plug to ±1000 psi.
   E. Dump 3 sx sand on top of bridge plug.

7. Connect a pump truck to the 7" - 9-5/8" casing annulus.
   A. Establish an injection rate down the 7" - 9-5/8" annulus with 2% KCl TFW at a maximum surface pressure of 1000 psi.
   NOTE: Record production casing and 13-3/8" - 9-5/8" annulus pressures while injecting and maximum injection rate.

8. Rig up wireline unit.
   A. Pump radioactive water down 7" - 9-5/8" annulus and run tracer survey tool down 2-1/16" tubing to determine flow channel.

   NOTE: Notify NMOCD 24 hours prior to tracer survey and cement job.

9. Rig up cementers.
   A. Pump a 15 lb/gal, 1.33 FT^3/SK Class "C" slurry mixed in 4% KCl water + 4% $CaCl_2$.
   Maximum Surface Pressure: 1000 psi
   Volumes based on location of casing leak will be calculated on location.
   NOTE: 8-3/4" hole drilled from 2755 to 6530'.
   B. Shut in 7" - 9-5/8" casing valve.
   C. Swab 7" casing down to bridge plug @ ±3700'.

10. Release 7" retrievable bridge plug at ±3700'.
   A. POOH w/2-1/16" tubing, on-off tool and 7" retrievable bridge plug.

11. GIH w/S.N. and 2-1/16" tubing.
   A. Land S.N. @ ±6300'.
   B. Flange up wellhead.

12. Swab well back to production.

13. 72 hrs after cement job, open 7" - 9-5/8" casing valve and bleed off any pressure.
   A. Record any pressure increase over a 24 hr period.