

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved
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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. NM-012647
2. NAME OF OPERATOR Tenneco Oil Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1100' FNL, 810' FWL	8. FARM OR LEASE NAME Riddle D LS
14. PERMIT NO. 30-045-22488	9. WELL NO. 4A
	10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T31N, R9W
15. ELEVATIONS (Show whether SP, ST, OR, etc.) 6239' GL	12. COUNTY OR PARISH San Juan
	13. STATE New Mexico

RECEIVED

DEC 17 1986

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)

Tenneco Oil Company requests permission to repair the above referenced well according to the attached detail procedures.

RECEIVED
DEC 19 1986
OIL CON. DIV.
DIST. 3

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

SIGNED [Signature]

TITLE Administrative Analyst II

DATE December 15, 1986

(This space for Federal or State office use)

APPROVED BY [Signature]

TITLE

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

DEC 18 1986

AREA MANAGER

*See Instructions on Reverse Side
NMOCC

LEASE: RIDDLE D LS

WELL NO. 4A

CASING:

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9-5/8"OD. 32.2 LB. H-40 CSG. W/ 224 CU.FT.

TOC @ Surface. HOLE SIZE 12-1/4". DATE 6-4-77.

REMARKS: Circulated cement to surface.

7 "OD. 20.0 LB. K-55 CSG. W/ 393 CU.FT.

TOC @ 1900'. HOLE SIZE 8-3/4". DATE 6-10-77.

REMARKS:

LINER:

=====

4-1/2"OD. 10.5 LB. K-55 CSG. W/ 410 CU.FT.

TOC @ 3363'. HOLE SIZE 6-1/4". DATE 6-14-77.

REMARKS: TOL @ 3363'. Reversed out 8 BBLs cement.

TUBING:

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2-3/8"OD. 4.70 LB. J-55 GRADE. 8 RD. EUE CPLG

LANDED @ 5610'. SN @ 5579'.

RODS: 150 - 5/8". 69 - 3/4"

PUMP: 2x1-1/4x10x12x14 RHBC-TS-BDV - Run 5/86.

DETAILED PROCEDURE:

1. Check location for anchors. Well was last w/o 5/86. Install blowdown lines.
2. MIRUSU. ND flow tee and NU Radiqan.
3. POOH w/ rods and pump. Kill annulus with 1% KCL water. NDWH & NUBOP. Send pump in to be checked and rebuilt if necessary.
4. TIH and tag fill. Talley OOH. Check for external corrosion and leaks.
5. PU a 4-1/2" Baker Model B Lok-Set RBP. a 4-1/2" Baker Model EA Cementer (left hand set) with a Model L Retrieving head, and TIH on 2-3/8" tubing. Set RBP @ 4800'. PU one joint, set pkr, and PT RBP to 1000 PSI. Release PKR. Circulate 2 sx sand down tubing. Displace sand with only half the tubing volume and POOH to 3200' to avoid sand sticking the pkr. Allow time for the sand to settle. Set

219'

1053'

*:

1983*

Leak*

*:

1115'

3363'

3513'

4899'

5610'

5662'

5699'

5716'

T.D.

Lease: Riddle D LS

Well No. 4A

5. (cont) the pkr @ 3400'. PT the liner to 1000 PSI. Release the pkr and POOH.
6. PU a 7" Model C Fullbore pkr and TIH. Set pkr @ 1250'. PT down tubing and annulus to 1000 PSI. Release pkr and reset to isolate leak.
7. Set pkr 250' (approximately 10 BBLS) above top of leak. Open bradenhead valve. PT annulus to 1000 PSI. Pump down tubing to establish injection rate and pressure. Check for flow out of bradenhead. Squeeze leak with Dowell RFC 12-2 cement. Heat mix water to 60 degrees. The amount of cement is to be determined by the length of leak and if circulation is established out bradenhead. Maximum squeeze pressure 500 PSI. Check for flowback. Release pkr and reverse circulate tubing clean. Set pkr and repressure squeeze to 500 PSI. SDON.
8. Release pkr and POOH. LD pkr. PU a 6-1/4" bit, bit sub, (no scraper) and TIH. Drill out squeeze while reverse circulating. Circulate hole clean. Test casing to 500 PSI. Resqueeze if necessary.
9. PU 7" casing scraper and TIH. Reverse circulate and work scraper through squeezed interval several times. POOH and LD bit and scraper.
10. PU Model L Retrieving Head and TIH. CO to RBP with foam. Latch on and POOH. If fill was covering perfs, TIH and CO to PBTD with foam.
11. PU mud anchor, perforated sub, 1.781" seating nipple, and TIH w/ 2-3/8" 4.7# J-55 EUE Brd tubing. Land tubing @ 5610'. NDBOP & NUWH.
12. Run pump and rods. ND Radiqan and NU flow tee. Space out and hang well on. Load tubing and stroke pump to check action. Notify EPS/Operators, Inc.
13. RDMOSU.