

n 3150-5  
November 1983)  
formerly 9-331)

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.)

RECEIVED

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR Tenneco Oil Company	3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1910' FNL, 1500' FWL	5. LEASE DESIGNATION AND SERIAL NO. NM-012200	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Dryden LS	9. WELL NO. 4A	10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T27N, R8W	12. COUNTY OR PARISH San Juan	13. STATE NM
14. PERMIT NO. 30-045-26661	15. ELEVATIONS (Show whether DF, ST, OR, etc.) 6619' GL											

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.)\*

2/19/86 MIRUSU, NDWH, NUBOP. RIH w/3-7/8" bit on 2-3/8" tubing. Tagged cmt at 5630'. Drill out cmt to FC @ 5677'. PT to 3500 psi, ok. Roll hole w/1% KCL. Spot 500 gals 7-1/2% DI HCL @ 5552', POOH. Run GR/CCL from PBDT to 4550'. Perforated Pt. Lookout w/ 2JSPF, unless otherwise indicated as follows: 5202-06', 5225-46', (1 JSPF), 5250-52', 5267-72', 5320-30' (1 JSPF), 5338-40', 5348-51', 5396-98', 5406-10', 5432-36', 5466-70', 5550-52', Total 62' and 94 holes.

2/20/86 Acidize perfs w/ 1900 gals weighted 15% HCL. Frac Pt. Lookout down csg w/140,500 gal slick water containing 1% KCL and 1/2 gal/1000 gal friction reducer and 155,000# 20/40 sand. Load hole and PT to 3500 psi, ok. Spotted 500 gals 7-1/2% DI HCL, POOH. Perforated Menefee w/ 2 JSPF as follows: 4972-86', 5006-12', 5031-34', 5101-06'. Total 28' and 56 holes. Acidized Menefee w/ 1120 gals 15% weighted HCL. Frac Menefee down csg w/77,500 gal slick water containing 1% KCL, 1/2 gal/1000 gal friction reducer and 70,000# 20/40 sand.

2/21/86 Set 4 1/4 RBP @ 4800. RIH w/ 2-3/8" tbg to 4646'. PT to 3500 psi, ok. Spot 500 gals 7-1/2% DI HCL @ 4646'. POOH w/2-3/8" tbg. Perforated Cliffhouse w/2 JSPF as follows: 4630-36', 4640-42', 4644-46', 10', 20 holes. Established rate of 20 BPM @ 2150 psi into perfs w/1% KCL wtr. Acidized Cliffhouse w/400 gals wgt 15% HCL. POOH to 4600' w/ packer and SN. Pumped 15 BBLs 1% KCL water down backside.

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

SIGNED

*Ann Tolliver*

TITLE Administrative Operations

DATE

3/10/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

MAR 20 1986

DATE

3/10/86

\*See Instructions on Reverse Side

NMOCG

CON. DIV.

DIST. 2

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.

2/21/86 (contd)

Set packer @ 4600'. Swabbed Cliffhouse perfs. 70 BBLs water in 4 hours. Fluid level would rise 1000' in 20 minutes from approximately 3500-2500.

2/22/86 Swab tested Cliffhouse perfs, total 48 BW in 20 runs. FL from 1000' to 4100'. Saw no indication of gas.

2/24/86 F.L. @ 1800'. Made 3 swab runs. Swabbed fluid down to SN @ 4600'. Made 2 runs 1 hr later. Found F.L. @ 3500'. Release fullbore @ 4600' and PUH and reset @ 3983'. R.U. cementers. PT annulus to 1000 psi, SI annulus w/1000 psi. Establish rate into perfs w/ wtr. of 3 BPM @ 1400 psi. Squeezed Cliffhouse perfs (4630'-4646') w/75sx (90 cf) Class B cement w/2% CaCl. Got walking squeeze to 1600 psi. Shut down and hesitated to a final squeeze pressure of 2000 psi. Checked for flowback, none. Reverse tbg w/20 BBLs. PUH 2 stds. Reset pkr and pressured up to 1500 psi. Total volume of cmt into perfs = 58 sx (68.5 cf).

2/25/86 Rel & POH w/pkr. RIH w/tbg & bit, tag TOC @ 4414. Tbg twisted off, left 15 jts tbg w/bit & sub in hole. RIH w/grapple, tag fish @ 3983. Latch onto fish & POH. Rec all 15 jts & bit. Run back in hole w/bit. Tag up @ 4476. Tbg plugged upon commencing pmpg. Pmpd free. Roll hole.

2/26/86 Tag up @ 4476'. Dr1 hard cmt. Broke thru cmt @ 4646. Circ hole clean. PT csg, 1000, OK. RIH to 4800 w/bit. Circ cmt & balls (12) off RBP & roll hole w/1% KCL wtr. Did not rec any SD. POOH w/bit.

2/27/86 RIH w/retr hd. Tagged sd bridge @ 4260. Circ out SD & cmt to 4800. Circ out more SD & cmt, latch onto RBP, POH. Rec only shear sub & retr sleeve. 2.0" mandrel in hole. RIH w/2" grapple, did not rec fish. RIH w/1.9" grapple. Stacked out @ 4528', latched onto RBP, POOH, rec plug.

2/28/86 RIH w/retrieving head. Tag sand @ 4852'. RU nitrogen. CO to RBP @ 5170'. Circulate hole clean w/nitrogen foam (1% KCL wtr). Latch onto RBP. POOH. Kill well w/1% KCL. RIH w/tbg open-ended w/SN 1 jt off bottom. Tag sand @ 5433'. CO to PBTD. Circulate hole clean. Kill well w/1% KCL wtr. PUH and land @ 5351'KB. NDBOP, NUWH. Kick well around with nitrogen. FTCU. RDMOSU.

Final tbg detail: 173 jts 2-3/8", 4.7#, EUE, 8rd tbg. Standard SN 1 jt off btm.

RECEIVED  
MAR 20 1986

OIL CON. DIV.  
DIST. 3

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

SIGNED

*Ann Sullivan*

TITLE

Administrative Operations

DATE

3-4-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

EXAMINATION RESOURCE UNIT

BY

*[Signature]*

\*See Instructions on Reverse Side

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