

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 ☐ GAS ☒ OTHER ☐

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

1185' FSL, 2205' FEL

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DEC 06 1985

14. PERMIT NO.
30-045-26566

15. ELEVATIONS (Show whether at, on, or etc.)
6215 G-L
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

SF-077111

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Storey C LS

9. WELL NO.

7A

10. FIELD AND POOL, OR WILDCAT

Otero CH/Planco MV

11. SEC., T., R., M., OR BLM. AND
SURVEY OR AREA

Sec. 27, T28N R9W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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 PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Progress Report

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.)

11/16/85 MIRU. Spud @ 5:45 a.m. 11/17/85. Drl Rig Rep. Circ & cond. Surv: 281/0
TOOH. RU & run 7 jts (299') 9-5/8, 36#, K-55, STC csg, set @ 312. Cmt w/160 sx
(189CF) CL-B + 2% + 1/4X/sx. PD @ 3:45 a.m. 11/17/85. Circ 5 bbls cmt to surf.

11/17/85 WOC, NU BOP's. Test blind rams, 1000, 30 min. TIH, test pipe rams,
Manifold & csg, 1000 - o.k. WOC. Drl plug & 30' cmt.

11/20/85 Circ forlogs. RU Gearhart & log (logger's TD 3518). Ran GR-SP-Dill TD to surf.
csg; GR-CDL-CNL-CAL TD to 2000. RD & TIH.

11/21/85 RU & run 83 jts (3517') 7", 23#, K-55, STC csg. FS @ 3518, FC @ 3475,
DV @ 1523. Cmt 1st stage w/275 sx (506CF) BJ lite w/1/4# celloflake + 2% A-7; tail
w/100 sx (117CF) CL-B + 2% A-7 + 1/4# celloflake. 2nd stage 180 sx (331CF) BJ lite
w/1/4# celloflake. 15 bbl to surf. PD @ 4:15 p.m. ND, set slips, cut pipe, NU
BOPS. Test rams 1500, o.k. WOC.

11/24/85 Blow hole clean, strap out for logs. RU gearhart. Ran GR-DIL fr 5190-
3520; GR-CDL-CAL fr 5184-3520. RD loggers, TIH, tag @ 5125. Blow hole - tite.
POOH 2 STNDS. Ream to btm. Short trip 5 STNDS. TIH - no fill. POOH. RU & run
42 jts (1808') 4-1/2", 10.5#, k-55 STC csg.

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

SIGNED

TITLE

Senior Regulatory Analyst

DATE

12/12/85

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

DATE

DEC 6 1985

*See Instructions on Reverse Side

NMOCC

RECEIVED
DEC 10 1985
OH CON. DIV. 1
DIST. 3

FARMINGTON RESOURCE AREA

UNITED STATES
DEPARTMENT OF THE INTERIOR
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SUNDRY NOTICES AND REPORTS ON WELLS

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1. OIL WELL ☐ GAS WELL ☒ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-077111
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 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 1185' FSL, 2205' FEL		8. FARM OR LEASE NAME Storey C LS
14. PERMIT NO. 30-045-26566		9. WELL NO. 7A
15. ELEVATIONS (Show whether on top of, etc.) 6215 GL		10. FIELD AND POOL, OR WILDCAT Otero CH/ Blanco MV
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27, R28N R9W
		12. COUNTY OR PARISH San Juan
		13. STATE NM

RECEIVED

DEC 06 1985

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANE ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐ Progress Report	

(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.) *

11/25/85 Fin TIH w/liner hanger. Blow hole w/gas, hole loading up. Fill @ 5195. PU 3', set & backoff hanger. Cmt w/125 sx (230CF) 65:35:6 + 6% WL agent, 150 sx (117CF) CL-B + .6% WL agent. Displ w/52 BW. PD @ 7:30 a.m. Circ back 12 BBLS cmt. Top FC @ 5147, Shoe @ 5192. KDDP & DC, NDBOP. Rel rig.

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

SIGNED

TITLE Senior Regulatory Analyst

DATE

12-2-85

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
DATE

DEC 6 1985

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

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.

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BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 27, R28N R9W
		12. COUNTY OR PARISH San Juan
		13. STATE NM

RECEIVED
JAN 10 1986

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FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANE ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREATMENT ☒	ALTERING CASING ☐
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(Other) ☐	

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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 subsea-face locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/20/85 MIRUSU. NUBOP.

12/21/85 PU & RIH w/3-7/8 bit & 2-3/8 tbg. Tag cmt @ 3370. RU power swivel, estab circ & drill 8' cmt in TOL. RIH w/tbg to PBTD. Tag PBTD @ 5093. PT cst to 3500 psi, 15 min o.k. Roll hole w/150 BBLS 1% KCL & spot 500 gal 7-1/2% DI HCL @ 4887. Ran GR-CCL fr PBTD to 3300. Perf MV PT lookout w/2 JSPF, 4662-66, 4670-72, 4698-4700, 4708-21, 4726-28, 4732-40, 4768-70, 4788-92, 4843-45, 4883-87. Tot 43', 86 holes.

12/23/85 Brk dn pt lookout @ 200 psi. Acidize w/1800 gal 15% HCl. TIH w/4-1/2 pkr & set @ 4556. PT BS to 1500 psi o.k. TOOH w/pkr. Frac PT lookout w/103,250 gal 1% KCl & 107,500# 20/40 sd. ATR 79 BPM, ATP 600 psi, HP 1162, ISIP vacuum, 15 min vacuum RIH & set RBP @ 4485. PT BP to 3500#. TIH to 4410, spot 2 sx sd on BP & 500 gal 7-1/2% DI HCl across Menefee. PERf Menefee 4378-82, 4388-92, 4398-410. Acidize w/1000 gal 15% acid.

12/24/85 Frac Menefee w/62,500 gal 1% KCL w/friction reducer & 50,000# 20/40 sd. ATR 40 BPM, ATP 2000 psi. ISIP 1450, 5 min 1270, 10 min 1200, 15 min 1150.

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

SIGNED

Scott M. Kenney

TITLE

Senior Regulatory Analyst

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN 17 1986

FARMINGTON RESOURCE AREA

BY

[Signature]

*See Instructions on Reverse Side

NMOCC

12/26/85 TIH w/retrieving hd to 4278. Unload w/N2. Tag fill @ 4425. CO 60' w/foam to RBP @ 4485. Circ hole clean. Latch onto BP, TOOH, TIH w/SN 1 jt off btm. Tag fill @ 4773. CO 320' sd w/foam to PBTB @ 5093. Circ hole clean circ hole w/N2. LD 8 jts. Land well w/157 jts of 2-3/8 tbg @ 4847'. RD.

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

SIGNED

Scott M. King

TITLE

Senior Regulatory Analyst

DATE

1/4/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

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.

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS

RECEIVED
FEB 05 1986

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 1-16-86	
Company TENNECO OIL CO.				Connection	
Pool BLANCO				Formation MESA VERDE	
Completion Date		Total Depth 5250		Plug Back TD 5093	
Elevation		Farm or Lease Name STOREY C LS			
Csg. Size 7" 4 1/2"	WL.	d	Set At 3517 5192	Perforations: From 4378 To 4887	
Trq. Size 2 3/8"	WL.	d	Set At 4847	Perforations: From To	
Type Well - Single - Blindhead - G.C. or G.O. Multiple				Packer Set At	
Producing Thru				County SAN JUAN	
Reservoir Temp. °F				State NEW MEXICO	
Mean Annual Temp. °F				Baro. Press. - P _a	
L	H	C _g .700	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							720		730		
1.	2x6x.75						152		536	48	3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	11		164	1.012	1.195	1.0195	2224
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/25bl.
1	.24	508	1.32	.962	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _r 742	P _c ² 550564	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.1999$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8063$
NO.	P _w	P _w ²	P _c ² - P _w ²
1	548	300304	250260
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4017$

Absolute Open Flow 4017 Mcfd @ 15.025

Angle of Slope @ _____ Slope, n .75

Remarks: _____

Approved by Division	Conducted By:	Calculated By:	Checked By:
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