

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(OTHER INSTRUCTIONS ON THE
REVERSE SIDE)

LEASE DESIGNATION AND SERIAL NO.

USA-M-010989

IF INDIAN, ALLIANCE OR TRIBE NAME

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 ☐ GAS WELL ☒ OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Tenneco Oil Company	8. FARM OR LEASE NAME Fields
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222	9. WELL NO. 1
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790 ' FSL and 790 ' FWL, Unit M	10. FIELD AND POOL, OR WILDCAT Dakota
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T32N, R11W
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6589' GL	12. COUNTY OR PARISH San Juan
	13. STATE New Mexico

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 PLANS...

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

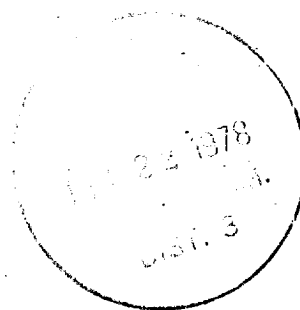
ABANDONMENT*

(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 and 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.)*

2/4/78 Spudded 13-3/4" hole at 1:30 P.M.

2/5/78 Drilled to 309'. Set and cemented 7 jts of 9-5/8" casing at 306' with 275 sacks of Class B cement with 3% CaCl. Circulated cement to surface.



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

SIGNED

[Signature]

TITLE: Div. Production Manager

DATE: 2/5/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

FEB 21 1978

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
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 "APPLICATION FOR PERMIT--" for such proposals.)

PROJECT NUMBER NO. 42-R14
5. LEASE DESIGNATION AND SERIAL NO.
NM-010989
6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Fields
9. WELL NO.
1
10. FIELD AND POOL, OR WILDCAT
Dakota
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T32N, R11W
12. COUNTY OR PARISH
San Juan
13. STATE
New Mexico

1. OIL WELL ☐ GAS WELL ☒ OTHER
2. NAME OF OPERATOR
Tenneco Oil Company
3. ADDRESS OF OPERATOR
720 So. Colorado Blvd., Denver, Colorado 80222
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
790' FSL and 790' FWL, Unit M
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, GK, etc.)
6589'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☒
FRACTURE TREAT	☐	FRACTURE TREATMENT	☐
SHOOT-OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐		
PULL OR ALTER CASING	☐	REPAIRING WELL	☐
MULTIPLE COMPLETE	☐	ALTERING CASING	☐
ABANDON*	☐	ABANDONMENT*	☐
CHANGE PLANS	☐		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROMISED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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.)*

2/6/77 - 2/20/78

Drilled 8-3/4" hole to 3500'. Set and cemented 79 jts of 7" casing at 3500' with 300 sacks of 65-35 poz mix cement with 12% Gel and 1/4 lb/sack gilsonite. Tailed in with 150 sacks of Class B cement with 3% CaCl. Drilled 6-1/4" hole to 8000'. Set and cemented 203 jts of 4-1/2" casing at 8000' with 375 sacks of cement. Present status = Waiting on Completion Unit.



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

SIGNED D. D. Myer

TITLE: Div. Production Manager

DATE 2-24-78

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE RECEIVED

MAR 1 1978

*See Instructions on Reverse Side

U.S. GEOLOGICAL SURVEY
Ft. Collins, CO

DEPARTMENT OF THE INTERIOR (Other instructions on reverse side)
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 "APPLICATION FOR PERMIT--" for such proposals.)

PROJECT NUMBER No. 42-E1424
5. LEASE DESIGNATION AND SERIAL NO.

NM-010989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fields

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Dakota

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

Sec 29, T32N, R11W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
720 So. Colorado Blvd., Denver, Colorado 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

790' ' Fd and 790' 'FWL, Unit M

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6589'

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 COMPLETE

ABANDON*

CHANGE PLANS

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.)*

3/30/78 to 4/10/78 TESTED 4½" CSG TO 3850 PSI. FOR ½ HR. HELD OK. SPOT 500 GAL 7½% HCL @ 7979'. RAN GR LOG. PERF'D DAKOTA FMTN 7836-54' 7919-24', AND 7972-74' W/ 1 JSPF. WASHED PERFS. MTP 2100 PSI. ACIDIZED PERFS W/ 1345 GAL AIR @ 3½ BPM & 2300 PSI. MTP 2800 PSI. ISIP ON VACUUM. TEMP LOG INDICATES FLUID ENTERING PERFS @ 7336, 7848 & 7864. FLUID ENTRY UP HOLE TO 7775'. SHOT 3 SQUEEZE HOLES @ 7800'. SQUEEZED W/ 50 SX CL B CMT. EST TOP OF CMT @ 7615'. TEST CMT TO 1000 PSI. HELD OK.

FRAC'D AS FOLLOWS: 10,000 GAL PAD GEL FLUID, 10,000 #100 MESH SAND @ 1 PPG IN 30# GEL, 20,000# 20/40 SAND @ 1 PPG IN 30# GEL, 45,000# 20/40 SAND @ 1½ PPG IN 30# GEL, 32,300# 20/40 SAND @ 1½ PPG IN 20# GEL. FMTN SANDED OFF W/ 40 BBLS DISPL IN AIR FORMATION. 22 BPM @ 3500 PSI, MTP 3850 PSI. ISIP 2600 PSI, 15 MIN - 1650 PSI. FLOWING TO CLN UP. 2260 BBLS LEFT TO RECOVER.

RECEIVED

MAY 1 1978

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SIGNED A. D. Myers

TITLE Div. Production Manager

DATE 4-20-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on reverse side)Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

NM - 010989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ GAS WELL ☒ OTHER		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tenneco Oil Company		8. FARM OR LEASE NAME FIELDS	
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' FSL and 790' FWL, Unit M		10. FIELD AND POOL, OR WILDCAT DAKOTA	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 29, T32N, R11W	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6589' GL		12. COUNTY OR PARISH SAN JUAN	
		13. STATE NM	

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

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.)

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5-12-78 TO 5-22-78

PREP TO SQZ. TEST BP @ 7815'. HELD OK. PULL PKR TO 7779 & SET. TEST TBG & CSG ANNULUS. DID NOT HOLD. PUMP IN @ 3 BPM. TEST SQZ HOLES @ 7800'. PRESS TO 800 PSI. PRESS BLEED OFF TO 0 PSI IN ONE MIN. ISOLATE MAJOR HOLE @ 5990' W/ 100 SX. W/ ALL CMT BEHIND CSG, PRESS INC TO 1000 PSI. COULD NOT ESTAB RATE INTO HOLE. DRL'D OUT CMT. CIRC HOLE CLN. SD FOR RIG REPAIR. TEST CSG TO 3300 PSI. HELD OK. CIRC 2% KCL & SPOT 500 GAL 7½% HCL. ATPT TO BRK DN PERFS W/ 1000 GAL 15% HCL.

RECEIVED

JUN 05 1978

U.S. GEOLOGICAL SURVEY

RECEIVED
JUN 2 1978
U.S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

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

SIGNED

Curley Hatterson

TITLE: Administrative Supervisor

DATE

5/26/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SUNDRY NOTICES AND REPORTS ON WELLS

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		12. COUNTY OR PARISH SAN JUAN
		13. STATE NM

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 PLANS	☐
(Other)	☐		☐

SUBSEQUENT REPORT OF:

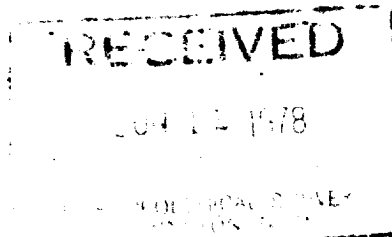
WATER SHUT-OFF	☒	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
(Other)	☐		☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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5-24-78 TO 6-2-78

LOCATED HOLE IN CSG @ 6060'. SET PKR @ 4687'.
SQZ W/ 150 SX CLB. DISP 24 BBLs WTR BEHIND CMT.
SQZD TO 1500 PSI. HELD OK - 30 MIN. DRL OUT
CMT TO 5460'. CIRC HOLE CLEAN. DRLD 340'
CMT TO 5800'. DRL TO 6484'. LOST FISH.
WIH W/ JARS & PULLED TO 60,000 # UNABLE TO
WORK FISH FREE. CONT. W/ JARS. RECOV. FISH 6-2-78.



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

SIGNED

Carley [Signature]

TITLE: Administrative Supervisor

DATE

6/7/78

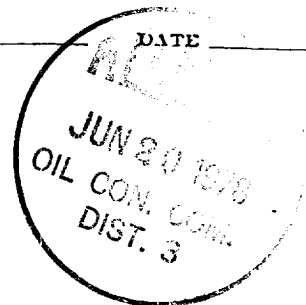
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Budget Project No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

NM 010989

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6589'		12. COUNTY OR PARISH San Juan	
		13. STATE NM	

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 COMPLETE

ABANDON*

CHANGE PLANS

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.)

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6-9-78 to 6-21-78

TIH HYDROTEST 2-3/8" TBG TO 6000 PSI. SET 4-1/2" PKR@ 6580'. PRESS 2-3/8" & 4-1/2" ANNULUS TO 675 PSIG. BRK DWN PERFS - 1950PSI. ESTAB INJ RATE 14 BPM @ 4500 PSI. PUMP 500 GALS 15% ACID. SWF USING 26,250 GALS 40# GEL, 20,000# 20/40 SD, 5000# 10/20 SD. MAX TP 5000, ATP 4200, AIR 15 BPM, ISIP 1100, 16 MIN SIP 650, CIRC HOLE CLN. RAN 249 JTS. 2-3/8" TBG LANDED @ 7775! NU TREE. SWABBED. TEC 93 BW - GAS CUT. IFL 2000'. FFL 3000'. WELL KICKED OFF FLOWING VERY WET. SITP 1200 PSI & SICP 1750 PSI

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

SIGNED

TITLE

Division

Administrative Supervisor

DATE

6-30-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

