HINITED STATES

ONITED STATES	S. EERSE
DEPARTMENT OF THE INTERIOR	Contract #110
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
	Jicarilla Apache
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas de other	Jicarilla A 9. WELL NO.
2. NAME OF OPERATOR	6E
Tenneco Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota
Box 3249, Englewood, CO 80155	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	AREA Sec. 20, T26N, R5W
AT SURFACE: 1760' FNL, 930' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Rio Arriba NM
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
CURCOUENT REPORT OF	6671' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	The second secon
TEST WATER SHUT-OFF	The second of th
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	JUL 2 Grange on Form 9-430.)
MULTIPLE COMPLETE	The second secon
ABANDON*	
(other)	And the second s
including estimated date of starting any proposed work. If well is measured and true vertical depths for all markers and zones pertin 7/8/82 - MIRURT. Spud well w/4 corners #8 C&C, POOH. RU & run 7 jts 9-5/8", 36# K-55 Cmt w/225 sx Cl-B + 2% CC. PD @ 1:30 a.m. 7/20/82 - Lost pmp press. Trip for crack is	@ 5:30 p.m. Drill 12-½" hole. ST&C (280'). Set @ 295' KB. 7/9/82, circ cmt to surface. WOC.
Subsurface Safety Valve: Manu. and Type	Set @Ft.
18. I hereby ceptify that the foregoing is true and correct	
SIGNED ACCURATE WILLSON Production	Analystate July 22, 1982
(This space for Federal or State	APPEDIAG END DEPODD
APPROVED BY TITLE	DATE AUGEFIEU FUN NELLUNU
CONDITIONS OF APPROVAL, IF ANY:	JUL 27 1982
	and the control of th

*See Instructions on Reverse Side

FARMINGTON DISTRICT

UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES	5. LEASÉ
DEPARTMENT OF THE INTERIOR	Cøntract #110
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
CLOCOGIONE CONVE	
CHAINDY NOTICES AND DEPONTS ON WELLS	7. UNIT AGREEMENT NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. OHIT AGILLEMENT NAME
(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.)	8. FARM OR LEASE NAME
1 -11	Jicarilla A
1. oil gas well other	9. WELL NO.
2. NAME OF OPERATOR	6E
Tenneco Oil Company	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Basin Dakota
Box 3249, Englewood, CO 80155	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	ARFA
below.)	AREA Sec. 20, T26N, R5W
AT SURFACE: 1760' FNL, 930' FWL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	l
AT TOTAL DEPTH:	Rio Arriba NM
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. AFI NO.
REPORT, OR OTHER DATA	15 ELEVATIONS (SHOW DE KED AND WE)
	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6671 GR.
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	00/1 GR.
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	Allo
PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone change on Form 9-830.)
MULTIPLE COMPLETE	Change out and a span of
CHANGE ZONES 🗍	Olst W.
ABANDON*	3.3
(other)	W. W. Carlotte
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	all portinent details, and give portinent dates
including estimated date of starting any proposed work. If well is di measured and true vertical depths for all markers and zones pertinen	rectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertinen	t to this work.)*
7/24/82 - Reached TD of 7590', sht trip, TOOH,	log, TIH, circ.
$7/25/82 - LDDP & DC's$. Run 15 jts. $4-\frac{1}{2}$ " 11.6	5# K-55 ST&C & 155 jts. 4-½" 10.5# K-55
ST&C (170 jts-7598.85' total). Landed @ 7595'	, FC @ 7552', DV #1 @ 5531', DV #2 @
3325'. Circ ½ hr. Cmt'd 1st stage w/142 sxs	2% econolite w/4#/sx flocele & 150 sxs
CI-B neat. PD @ 12:11 p.m. 7/25/82 @ 1,000 ps	i. Open DV #1 & circ. 4 hrs.cmt'd 2n
stage w/244 sx econolite w/4#/sx flocele, pred	ede w/500 gallons flocheck. Plug down
@ 5:00 p.m. 7/25/82 w/2600 psi. Open DV #2, c	irc. 4 hrs. Cmt'd 3rd stage w/448 sxs
2% econolite & ¼#/sx flocele + 2% CACL_, prece	de w/500 gallons flocheck PD @ 9:50 pm
//25/82 w//50 psi. No cmt rtns. ND & set sli	ps w/80,000# & cut csg. Rig released
@ 12:00 a.m. 7/26/82.	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
. 18. I hereby pertify that the foregoing is true and correct	
SIGNED (Classifice Production Ana	lyst date July 27, 1982
(This space for Federal or State offi	ce use)
• • • • • • • • • • • • • • • • • • • •	•

AUG 5 1982

TEGEPTED FOR RECORD

*See Instructions on Reverse Side

FARMITICTON BILLING F

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	5. LEASE Contract #110 6. IFINDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
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.)	7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME
1. oil gas well other	Jicarilla A 9. WELL NO. 6E
2. NAME OF OPERATOR Tenneco Oil Company 3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME Basin Dakota
Box 3249, Englewood, CO 80155 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 20, T26N, R5W
AT SURFACE: 1760' FNL, 930' FWL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE NM
AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	14. API NO. 15. ELEVATIONS (SHOW DF, KDB, AND WD) 6671' GR
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING	NOTE: Report results of multiple completion or zone change on Form 9–330.)

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.)* 7/26/82: TOC behind $4\frac{1}{2}$ casing estimated to be at 600' (by temperature survey). 8/6/82: MIRUSU, NDWH, NUBOP, RIH w/120 jts tbg. & bit. 8/7/82: Finish RIH w/tbg & bit. Tagged cmt @ 3239'. Drld 100' cmt, drld to PBTD @ 7585'. PT csg to 3500 psi. Held ok. Circ hole w/1% KCL wtr. PU tbg. Btm of tbg @ 7545'. 8/9/82: Spotted 500 gal 7½% HCL. POOH w/tbg. R/GR & CCL. Perf DK w/2 JSPF fr 7311-17' 7321-28', 7357-61', 7446-60', 7478-81', 7493-7500', 7530-40'. 51', 102 holes. BDP @ 1080 psi. Est rate @ 30 BPM & 2,000 psi. Acd & balled off w/2,000 gal. of 15% wtd HCL & 153 1.1 SG

AUG 1 6 1982

ball slrs. Acid away @ 22 BPM & 1570 psi. Frac'd DK w/87,000 gal. 30# XL gel, 176,000# 20/40 SD. AIR = 68 BPM @ 3250 psi. ISIP = 1800 psi, 15 min. SI = 1290 psi. 8/10/82: RIH w/tbg, sn, pmp out plug. Tagged sd fill @ 7500'. CO to PBTD w/foam. Killed well. Landed tbg w/btm @ 7400'. NDBOP, NUWH. RDMOSU. Kicked well around w/N $_2$. Left flwg.

Subsurface Safety Valve: Manu. and Type	PELFIN	Set @	Ft.
18. I hereby certify that the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the foregoing is true and correspond to the signed with the	et Allig odlication analyst	August 12, 1982	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	o Federal State of the use	DATE	

ACCEPTED FOR RECORD

PULL OR ALTER CASING MULTIPLE COMPLETE

CHANGE ZONES ABANDON* (other)

*See Instructions on Reverse Side