

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Budget Bureau NO. 1004-0100
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 <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. SF-078049
2. NAME OF OPERATOR Tenneco Oil Company E & P WRMD	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 1750' FSL, 1510' FEL	8. FARM OR LEASE NAME Hughes A
14. PERMIT NO.	9. WELL NO. 4E
15. ELEVATIONS (Show whether DF, ST, OR, etc.) 6485' GL	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T29N, R8W
	12. COUNTY OR PARISH San Juan
	13. STATE NM

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input checked="" type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(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 requests permission to dual the referenced well by completing the PC zone according to the attached detailed procedure.

Need dedication plat for the Pictured Cliffs

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OIL CON. DIV.
DIST. 3

18. I hereby certify that the foregoing is true and correct	
SIGNED <i>Scott McKinney</i>	TITLE Sr. Regulatory Analyst
(This space for Federal or State office use)	
APPROVED BY _____	TITLE _____
CONDITIONS OF APPROVAL, IF ANY:	

APPROVED
DATE May 10, 1985
SEP 11 1985
<i>Joe McKel</i>
AREA MANAGER FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side
NMOCC

4163

LEASE Hughes

WELL NO. A #4E

9-5/8 "OD, 36 LB, K-55 CSG.W/225 SX

TOC @ surface

7 "OD, 23 LB, K-55 CSG.W/214/292 SX

TOC @ 150'

4-1/2 "OD, 10.5/11.6 LB, K-55 CSG.W/500 SX

TOC @ ± 3500'

290'

DV @ 2118'

TOL @
3456'

3590'

DAKOTA:

7309'-20'

7402'-09'

7441'-45'

7472'-77'

7515'-18'

7529'-46'

7571'

7576'

2-3/8", 4.7#
J-55 TBG.
W/SN @ 7401'

DETAILED PROCEDURE:

1. MIRUSU. Kill well with 2% KCl wtr. NDWH, NUBOP. RIH & tag PBTD. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D pkr w/exp plug @ 3440' on W.L. Dump 2 sx sd on pkr. Load hole w/2% KCl wtr. PT csg to 2500 psi. NDBOP & replace single tbg head w/dual tbg head. NUBOP.
Run GR-CBL-CCL FROM 3440' TO DV TOOL.
3. Run cased hole GR-CNL-CCL from 3440' to 1440'. Telecopy results to Denver.
4. Perforate the PC as per G.E. recommendation w/4" premium charge casing gun & 2 JSPF.
5. RIH w/7" fullbore pkr, S/N & 2-3/8" tbg. Set pkr ± 150' above PC perfs. PT csg to 500 psi. Breakdn perfs w/2% KCl wtr. Acidize PC dn tbg w/40 gal per perforated ft wgt'd 15% HCl & 50% excess ball sealers. Release pkr & RIH past perfs. POOH w/tbg, S/N & pkr.
Blow Hole Dry w/N₂.
6. Frac PC dn csg w/70 quality foamed 2% KCl wtr & 20/40 sd @ 28 BPM & 2500 psi max. Use attached design graph to calculate volumes. Call Denver to confirm design. SI for 2 hrs & flow back to pit thru 1/2" tapped bull plug.
7. Kill well w/2% KCl wtr. RIH w/2-3/8" tbg w/muleshoe on btm & F/N w/exp check valve 1 jt off btm. Position S/A & blast jts to land the tbg @ ± 7400' w/blast jts across fr PC intervals. CO to Model D pkr w/foam. Knock out plug & land 2-3/8" tbg.
8. RIH w/1-1/4" tbg w/SN, pmp out plug & perforated, orange peeled sub on btm. Land short string @ ± btm of PC perfs.
9. NDBOP, NUWH. Pmp out check valve fr longstring. Swab in Dakota if necessary. Pmp out plug in short string and kick around w/N₂. FTCU.
10. SI PC for AOF.