

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 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 BLM requirements. See also space 17 below.) At surface 1460' FNL, 840' FWL		5. LEASE DESIGNATION AND SERIAL NO. SF-078387A		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Kernaghan LS		9. WELL NO. 1 A		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde		11. SEC., T., E., N., OR BLK. AND SURVEY OR AREA Sec. 33, T31N, R8W		12. COUNTY OR PARISH San Juan		13. STATE NM	
14. PERMIT NO.				15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6475' GL																					

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 type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input checked="" 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 reference well by completing the Fruitland Coal zone according to the attached detailed procedure.

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

SIGNED

John M. Kelly

TITLE Senior Regulatory Analyst

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

SEP 03 1985
OIL CON. DIV.
DIST. 3

AUG 27 1985
APPROVED
AUG 29 1985
John M. Kelly
AREA MANAGER
FARMINGTON RESOURCE AREA

4691/2

LEASE Kernaghan LS

WELL NO. 1A

CASING:

9-5/8"OD, 32.3 LB, H-40 CSG. W/295 cf SX

TOC @ surface. HOLE SIZE DATE 10-11-77

REMARKS

7" "OD, 20 LB, KS CSG. W/290 cf SX

TOC @ 2,075'. HOLE SIZE DATE 10-18-77

REMARKS

4-1/2"OD, 10.5 LB, K-55 CSG. W/440 cf SX

TOC @ . HOLE SIZE DATE 10-22-77

REMARKS TOL @ 3461'

TUBING:

2-3/8 "OD, 4.7 LB, J-55 GRADE, 8 RD, EUE CPLG

LANDED @ 5927'. SN, PACKER, ETC.

"OD, LB, GRADE, RD, CPLG

LANDED @ . SN, PACKER, ETC.

DETAILED PROCEDURE:

1. MIRUSU. Kill well w/2% KCl water. NDWH. NUBOP. RIH and tag PBTD. CO w/foam if necessary. Tally out of hole w/tbg.
2. Set Model D pkr w/exp plug @ 3400' on W.L. Dump 2 sxs sand on pkr. Load hole w/2% KCl water. PT casing to 2500 psi. NDBOP and replace single tbg had w/dual tbg head. NUBOP.
3. Run cased hole GR-CNL-CCL from 3400' to surface. Telecopy results to Denver.
4. Perforate Fruitland Coal as per G. E. recommendation w/4" premium charge casing gun and 2 JSPF.
5. RIH w/7" fullbore pkr, S/N and 2-3/8" tbg. Set pkr + 150' above perfs. PT csg to 500 psi. Break down perfs w/2% KCl water. Acidized Frt Coal perfs down tbg w/40 gal per perf'd ft. weighted 15% HCl and 50% excess ball sealers. Release pkr and RIH past perfs. Blow hole dry w/N2. POOH w/tbg, S/N & pkr.

237'

3461'

3616'

MESA VERDE

5116'-5940'

0 intervals)

5999'

6016'

4691W

PROCEDURE — PAGE 2

LEASE NAME: Kernaghan KS WELL NUMBER: 1A

6. Frac Frt. Coal dn casing w/70 quality foamed 2% KCl water w/20# gel and 20/40 sand @ 40 BPM & 2500 psi max. Call Denver for frac design. SI for 2 hrs. and flow back to pit through 1/2" tapped bull plug.
7. Kill well w/2% KCl water. RIH w/2-3/8" tbg w/muleshoe on bottom and F/N 1 jt off btm. Position S/A and blast jts to land the tbg @ \pm 5940' w/blast jts across from Frt Coal intervals. CO to Model D packer w/foam. Knock out plug and land long string.
8. RIH w/1-1/4" tubing w/S/N, pump out plug and perforated, orange-peeled sub on bottom. Land short string @ \pm bottom of Frt Coal perfs.
9. NDBOP. NUWH. Pump out exp check from long string. Swab in Dakota if necessary. Pump out plug in short string and kick around w/N₂. FTCU.
10. SI Frt Coal for AOF.