

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"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tenneco Oil Company		8. FARM OR LEASE NAME Riddle B	
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155		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 1030' FSL and 805' FWL		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO. 30-045-23980		11. SEC., T., R., M., OR BLK. AND SUBDIVISION OR AREA Sec. 22, T31N, R9W	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 6273' (KB)		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Recomplete Well <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <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 Oil Company proposes to recomplete the above referenced well into the Gallup formation per the attached procedure. The Dakota formation will be plugged and abandoned. Should the Gallup test prove unsuccessful, Tenneco proposes to recomplete to the Mesaverde formation, also per the attached procedure.

RECEIVED
OCT 05 1987
OIL CON. DIV.
DIST. 3

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

SIGNED

Timothy R. Foster

TITLE Sr. Administrative Analyst

DATE 9/23/87

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Lease Riddle
 Well No. B1
 KB. _____
9 5/8" 00 36 LB. K-55 CSG. w/ 250 SX
 TOC @ surf
7" 00 23 LB. K-55 CSG. w/ 600 SX
 TOC @ surf

4 -1/2" OD K-55 LB 10.5 & 11.6 CSG w/ 425 sx
 TOC @ 5300

GALLUP TEST

1. MIRUSU. Kill well. NDWH, NUBOP. Strap out of hole w/246 jts 2-3/8 tbg.
2. RIH w/ cmt retrn and stinger on 2-3/8" tbg. Set retrn @ 7420'. Load hole, PT csg to 2500 psi. Sting out PT tbg to 2000 psi.
3. Est rate into perms w/KCL. Squeeze Dakota w/50 sx Class B. Displace cmt to within 1/2 bbl of retrn then sting out. PU and rev. tbg clean.
4. Swab FL dn to \pm 3000'. POOH w/tbg.
5. MIRU wireline Co. * Perforate the following Gallup intervals w/a 3-1/8" csg gun loaded w/ 2 JSPF

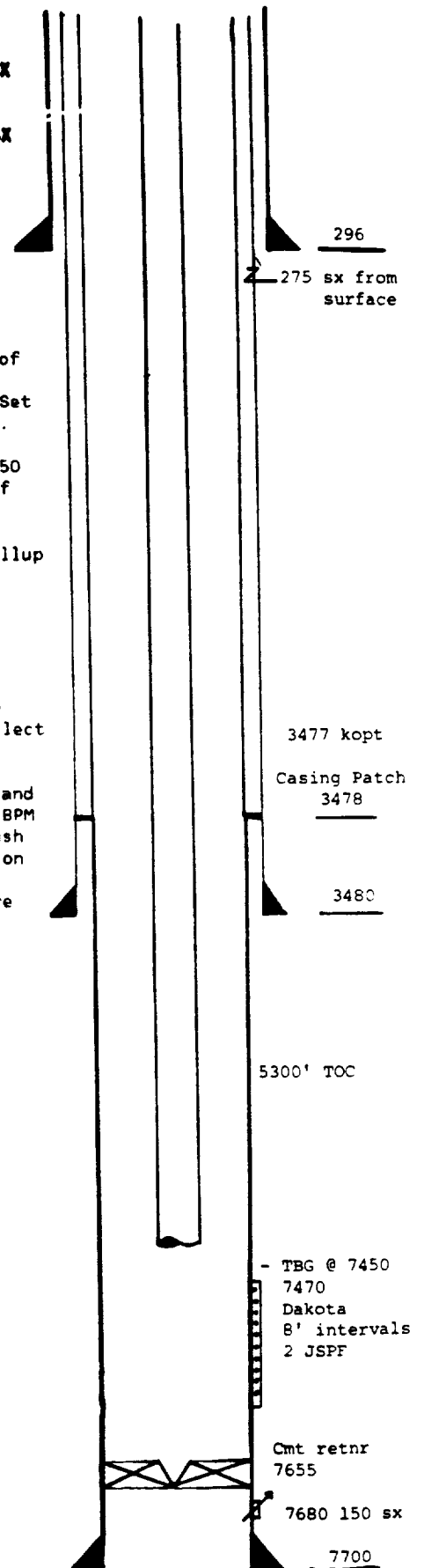
* Rud br/ECL From
 7500' - 6700'

6747-6810' - 63'
 6840-6910' - 70'

133' 266 holes

6. TIH w/pkr, SN on 2-3/8" tbg. Set pkr \pm 100' above top perf approx. 6650'. PT csg to 1000 psi. RU to swab. Swab and obtain inflow collect oil & wtr samples for analysis.
7. MIRU service Co. Acidize Gallup perforations w/3500 gals 7-1/2% HCL weighted to 1.1 sp gr and 250-1.1 sp gr ball sealers. Pump acid @ 7-8 BPM dropping 10 balls every 140 gals pumped. Flush w/ 27 bbls. max press 3500 psi. Hold 500 psi on csg during job.
8. Swab back load and test. Additional procedure may follow depending on results.

2122



MESAVERDE TEST

1. POOH w/tbg and pkr.
2. RIH w/cmt retnr on 2-3/8" tbg. Set retnr @ 6700'. PT csg to 3500 psi.
3. Squeeze Gallup w/100 sx Class B. Displace to within 1/2 bbl of retnr. Sting out and rev. tbg clean. *POOH. Rk wireline - Run at ccl from 5800' - 4800'.*
4. RIH w/ 3-1/8" csg gun loaded with 2 JSPF. Perforate the following Mesaverde intervals:

5345-58	13'
5379-86	7'
5391-99	8'
5434-50	16'
5467-70	3'
5502-09	7'
5597-99	2'
5624-28	4'
5681-88	7'
	<u>67'</u>
5. Est rate w/ KCL.
6. Acidize perms w/1500 gal 7-1/2% HCL weighted to 1.1 sp gr and 134-1.1 sp gr ball sealers. Pump acid @ 30-35 BPM and 3500 psi max press. Flush w/ 90 BW.
7. RIH w/JB to knock balls off perms.
8. Slick water fracture treat as follows:
 - a. 748 bbls slickwater pad
 - b. 180 bbls 1/2 ppg 20/40
 - c. 180 bbls 1 ppg 20/40
 - d. 180 bbls 1 1/2 ppg 20/40
 - e. 1206 bbls 2 ppg 20/40
 - f. Flush to top perf w/ KCL

Total 2494 bbls
124,500 #20/40 sand
Pump @ 90-100 BPM and 3500 psi max press.
9. RIH w/ RBP on wireline. Set RBP @ 5200'. PT plug to 3500 psi.
10. RIH w/ 3-1/8 csg gun loaded w/2 JSPF. Perforate the following Cliffhouse intervals:

4932-36	4'
4942-62	20'
4970-88	18'
	<u>42'</u>
11. Est rate w/ KCL.
12. Acidize perms w/1000 gals 7-1/2% HCL weighted to 1.1 sp gr and 84 - 1.1 sp gr ball sealers. Pump acid @ 30-35 BPM and 3500 psi max press. Flush w/80 BW.
13. RIH w/JB to knock balls off perms.
14. Slick water fracture treat as follows:
 - a. 638 bbls slick wtr pad
 - b. 160 bbls 1/2 ppg 20/40
 - c. 160 bbls 1 ppg 20/40
 - d. 160 bbls 1 1/2 ppg 20/40
 - e. 1010 bbls 2 ppg 20/40
 - f. Flush to top perf w/KCL

Total 2128 bbls
105,000 #20/40 sand
Pump @ 90-100 BPM and 3500 psi max pressure
15. RIH w/retrieving head on tbg. Rise RBP. POOH w/tools.
16. RIH w/tbg, land tbg @ 5500'. NDBOP. NUWH.