Form 9-331 (May 1963)

TEST WATER SHUT-OFF

FRACTURE TREAT

UNITED STATES DEPARTMENT OF THE INTERIOR (Other Instructions on re-

SUBMIT IN TRIPLICATE.

Form approved. Budget Bureau No. 42-H1424. G. LEARE DERIGNATION AND SERIAL NO.

REPAIRING WELL

SUBSEQUENT REPORT OF:

GEOLOGICAL SURVEY	SF-080244 /	Į.
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE	NAME

(Do not use this form for prop	osals to drill or to deepen or plug back to a different reservoir. CATION FOR PERMIT—" for such proposals.)	The state of the s		
OIL GAS WELL X OTHER	CATION FOR PERMIT—" for such proposals.)	7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME		
2. NAME OF OPERATOR Tenneco Oil Comp	pany			
8. ADDRESS OF OPERATOR	Durango, Colorado 81301	Riddle 9. WELL NO.		
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	clearly and in accordance with any State requirements.	#1 10. FIELD AND POGL, OR WILDCAT		
1220 FSL, 1620 FEL, Unit B		Blanco Mesaverde 11. MEC., T., R., M., OR BLK. AND BURNEY OR AREA		
14. PERMIT NO.	TE STATE OF THE ST	Sec. 21, T-2	30-N, R-9-W	
	16. ELEVATIONS (Show whether DF, RT, GR, etc.) 5942 Gr.	San Juan	New Mexico	
Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data				

MULTIPLE COMPLETE FRACTURE TREATMENT ALTERING CARING SHOOT OR ACIDIES ABANDON* SHOOTING OR ACIDIZING ABANDONMENT* REPAIR WELL CHANGE PLANS Recomplete Mesaverde (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

WATER SHUT-OFF

PULL OR ALTER CASING

17. DESCRIBE PROPOSED OF 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 sones pertinent to this work.)*

We plan to rig up completion rig, pull tbg. Set drillable 7" cmt retainer above csg shoe and squeeze open hole with 350 sx cmt. Dress off cmt plug to approximately 10' below 7" csg shoe. Set 3° knuckle joint and kick off hole. Drill 6-1/4" hole 50' through Mesaverde formation using gas. (Note: Drilling operations to limit hole deviation to less than 1-1/2° per 100 feet and maximum to 12-14°). Run IES, Gamma Ray-Density Log across open hole. Run 4-1/2" csg, 10.5 c 11.6#. Use cmt stage collar located approximately 500' above the top of the Mesaverde inside $\overline{7}$ " csg. Cmt volume calculated from log to fill annular space from TD to 500' inside 7" csg. Perforate and frac Point Lookout, set CIBP above Point Lookout and Perf and Frac Cliff House and Menefee sections. Drill out BP's, clean out to PBTD. Run tbg, clean up and test.

MAY 25 1967 OIL CON. COM piet. 3 DATE

18. I hereby certify that the foregoing is true and correct 7 Shinh

M. K. Wagner

TITLE

May 23, 1967

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: .

5 USGS

1 Continental

1 Aztec lFile

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY