

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 12-01-87	
Company TENNECO OIL CO.		Connection	
Pool BLANCO		Formation PICTURED CLIFFS	
Completion Date		Total Depth 3456	Plug Back TD 3417
		Elevation	Farm or Lease Name BARRETT
Csq. Size 4 1/2"	Wt. 11.6#	d K 55	Set At 3456
Thq. Size 1 1/2"	Wt. 2.4#	d J 55	Set At 3300
Type Well - Single - Dradenhead - G.G. or G.O. Multiple		Packer Set At	County SAN JUAN
Producing Thru	Reservoir Temp. °F p	Mean Annual Temp. °F	Baro. Press. - P _g
		State NEW MEXICO	
L	H	G _g .675	% CO ₂
		% N ₂	% H ₂ S
		Prover	Meter Run
			Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							591		591		
1.	2x6x.750						192		337	54	3 hours
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	11.0		204	1.006	1.217	1.023	2811
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1	0.3045	514	1.36	0.956	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2.					Specific Gravity Separator Gas _____		
3.					Specific Gravity Flowing Fluid _____		
4.					Critical Pressure _____ P.S.I.A.		
5.					Critical Temperature _____ R		

P _c 603	P _c ² 363609				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	
1		349	121801	241808	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.504$
2					
3					
4					
5					

Absolute Open Flow 3977 Mcfd @ 15.025 Angle of Slope @ 85

Remarks:

Approved By Division _____ Conducted By: MARK MC COOL _____ Calculated By: MARK MC COOL _____ Checked By: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Expires August 31, 1988
5. LEASE DESIGNATION AND SERIAL NO.
SF-078336-B
6. INDIAN, ALLOTTEE OR TRIBE NAME

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 ☐ GAS ☒ OTHER ☐
2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 3249, Englewood, CO 80155 MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any lease requirements.
See also space 17 below.)
At surface

1600' FNL, 1600' FEL
1790 FNL 1690 FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether SP, ST, OR G.L.)

6500' GL

7. UNIT ASSIGNMENT NAME

8. FARM OR LEASE NAME

Barrett

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Blanco Pictured Cliffs

11. SEC. T. R. N. OR S.W. 1/4 AND
SURVEY OR AREA

Sec. 19, T31N, R9W

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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Well Spud

FILL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion or 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 perti-
nent to this work.)

This is confirmation that the well was spudded on October 31, 1987 at 1:00
pm. The following is a summary of the operations.

10/31/87 Spudded well at 1:00 pm, notified BLM answering service of spud at
9:00 am.

11/01/87 Set & CMTD 6 Jts of 8 5/8" csg @ 268' w/200 sx CMT. Insert at
227'. CMT to surface.

11/03/87 Mix mud & LCM. Drill & survey to 3489'. Gas kick at 3190'.
Circulate & condition for Logs TIH to bridge at 3425', attempt to
break circulation, no returns, lost 150 BBLS mud, notified BLM at
8:10 pm 11/3/87 of 4 1/2" csg job.

11/04/87 CMT 2nd stage. Mix mud & LCM to regain circulation. TOH, LDDP &
DC. RU & ran 83 Jts 4 1/2" csg, landed at 3456'.

11/05/87 Release rig at 8:00 am.

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

SIGNED

David H. Pratt

TITLE Sr. Administrative Analyst

DATE 12/18/87

(If's space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DEC 29 1987

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the
United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.