

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-1335.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DEMONSTRATION AND SERIAL NO.
SF-079511-A

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Florance

9. WELL NO.
44A

10. FIELD AND POOL, OR WITHEAT
Blanco Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY OF AREA
Sec. 31, T30N., R8W.

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR
Tenneco Oil Company

3. ADDRESS OF OPERATOR
1860 Lincoln St., Suite 1200, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1,170'FSL and 1,645'FEL, Unit 0**
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **1/7/77** 16. DATE T.D. REACHED **1/15/77** 17. DATE COMPL. (Ready to prod.) **2/11/77**

18. ELEVATIONS (OF, FND, RT, CR, ETC.)* **6261' GL**

20. TOTAL DEPTH, MD & TYD **5,370'** 21. PLUG, BACK T.D., MD & TYD **5,306'** 22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY ROTARY TOOLS **0-TD** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)*
Blanco Mesa Verde 4552'-5320'

25. TYPE ELECTRIC AND OTHER LOGS RUN
Compensated Density - Gamma Ray Log

CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36#	240'	12-1/4"
7"	23#	3,364'	8-3/4"

LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4-1/2"	3,213'	5,368'	260

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5,263'	None set

31. PERFORATION RECORD (Interval, size and number)
Blanco Mesa Verde
Perf'd 15 holes from 5281'-5041'
Perf'd 20 holes from 4571'-4978'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5281'-5041'	Frac'd W/ 75,000#s. of 20/40 mesh sand
4571'-4978'	Frac'd W/ 100,000#s. of 20/40 mesh sand

33.* PRODUCTION

DATE FIRST PRODUCTION **2/11/77** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Flowing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/21/77	3 Hours	3/4"	→	0-	448	0-	0-
248	710	→	→	0-	12,665AOF	0-	0-

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)
to be sold

35. LIST OF ATTACHMENTS
Logs have already been mailed to your office.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED *A. D. Myers* TITLE **Div. Production Manager**

* (See Instructions and Spaces for Additional Data on Reverse Side)

WELL STATUS (Producing or shut-in) **shut-in pending hookup.**

TEST WITNESSED BY

DATE **3-7-77**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the production interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identifying for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 31: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

RECEIVED
MAR 4 1977

O. C. C.
ARTESIA, OFFICE

33. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF, CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERTICAL DEPTH
Pictured Cliffs	2955'	3045'	Sandstone & Shale		
Cliff House	4552'	4751'	Sandstone & Shale		
Menefee	4751'	5134'	Sandstone, Shale, Coal		
Point Lookout	5134'	5320'	Sandstone & Shale		
Mancos	5320'		Shale		

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NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 2-21-77	
Company Tenneco Oil Company				Connection	
Pool Blanco				Formation Mesa Verde	
Completion Date 2/11/77		Total Depth 5,370'		Plug Back TD 5,306'	
				Elevation 6261' GL	
Farm or Lease Name Florance					
Csg. Size 4 1/2"	It. 10.5#	d 5,368'	Set At 5,368'	Perforations: From 5,281' To 5,041'	
Thg. Size 2-3/8"	Wt. 4.7#	d 5,263'	Set At 5,263'	Perforations: From 4,571' To 4,978'	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None set	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F	
				Baro. Press. - P _a	
County San Juan					
State New Mexico					
L	H	Gg .680	% 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
1.	2x6x0.75			248		58	248	58	710	-	3 Hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.	11		260	1.0020	1.213	1.0298	3580
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/obj.
1.	.39	518	1.35	.943	A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 800	P _c ² 640,000	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 5.3910$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3.5380$	
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²
1.		722	521284	118716
2.				
3.				
4.				
5.				

Absolute Open Flow 12665 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n 0.75	
Remarks:					
Approved By Commission:		Conducted By:		Calculated By: J. D. Hicks	
				Checked By:	