

APPLICATION FOR MULTIPLE COMPLETION

Operator	County	Date
Tenneco Oil Company	San Juan	1/6/86
Address	Lease	Well No.
P.O. Box 3249, Englewood, CO 80155	Schwerdtfeger A LS	20M
Location of Well	Unit	Section
	J	8
		Township
		27N
		Range
		8W

All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	4530-5405' KB		7246-7418' KB
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	921 MCF		935 MCF

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed John M. Kuning Title Senior Regulatory Analyst Date 1/6/86

(This space for State Use)

Approved By Original Signed by FRANK T. CHAVEZ

SUPERVISOR DISTRICT # 3

Date JAN 10 1986

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

5266/RJS/2

LEASE Schwerdtfeger A

WELL NO. LS 20 M

CASING:

9-5/8"OD, 36 LB, K55 CSG.W/250 SX

TOC @ surf . HOLE SIZE 12-1/4 DATE: 10-17-85

REMARKS Cmt to surface

7"OD, 23 LB, K55 CSG.W/ 325/312 SX

TOC @ 700' . HOLE SIZE 8-3/4 DATE: 10-26-85

REMARKS DV @ 2018' . Lost returns on 1st stg

4-1/2"OD 10.5/11.6 LB, CSG.W/ 250 SX

TOC @ TOL . HOLE SIZE 6-1/4 DATE: 10-30-85

REMARKS Circ'd trace cmt off liner top.

TUBING:

2 3/8"OD, 4.7 LB, N GRADE, CS RD, HYD CPLG

LANDED @ 5393' . SN, PACKER, ETC. _____

2 3/8"OD, 4.70 LB, J GRADE, 8 RD, EUE CPLG

LANDED @ 7354' . SN, PACKER, ETC. _____

PUMP _____ RODS _____ ANCHOR _____

314'

2018'

4530'

CLIFFHOUSE

4564'

4768'

MENETEE

5012'

5174'

5393'

PT LOOKOUT

5405'

5415'

5417'

MODEL D PKR

5570'

7246'

DAROTA

7404'

7418'

7450'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☒	DRY ☐	Other ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REVR. ☐	Other ☐
2. NAME OF OPERATOR Tenneco Oil Company						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155						8. FARM OR LEASE NAME Schwerdtfeger A LS	
4. LOCATION OF WELL (Report location clearly and in accordance with any requirements) At surface 2220' FSL, 1520' FEL At top prod. interval reported below At total depth						9. WELL NO. 20M	
14. PERMIT NO. 30-045-26551						DATE ISSUED 8/20/85	
10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T27N R8W	
12. COUNTY OR PARISH San Juan						13. STATE NM	
15. DATE SPUDDED 10/17/85		16. DATE T.D. REACHED 10/29/85		17. DATE COMPL. (Ready to prod.) 12/30/85		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6733 GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 7453' KB		21. PLUG BACK T.D., MD & TVD 7443' KB		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4530-5405' Mesaverde		25. WAS DIRECTIONAL SURVEY MADE Yes		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-GR, DLL-GR, CDL-CNL-GR-Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)					
Casing Size		Weight, LB./FT.		Depth Set (MD)		Hole Size	
9 5/8"		36.0#		314' KB		12 1/4"	
7"		23.0#		5570' KB		8 3/4"	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)			
Size		Top (MD)		Bottom (MD)		Sacks Cement*	
4 1/2"		5417' KB		7450' KB		250 sx 394 CF	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Depth Interval (MD)		Amount and Kind of Material Used		To be sold.			
4530-64' KB		Acidz w/1200 gal 15% wgt HCl		ACCEPTED FOR RECORD			
w/86,000 gal 1% KCl wtr & 75,000#		20/40 sd.		35. LIST OF ATTACHMENTS			
4768-5012' KB		Acidz w/3000 gal 15% HCl		Logs to be forwarded.			
w/20/40 sd.		97000 gal 1% KCl wtr & 88000#		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)		SIGNED <i>Scott McKinnis</i>			
11/1/85		Flowing		TITLE Senior Regulatory Analyst			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
12/30/85		3 hrs		3/4"		OIL—BBL. 115	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. 921	
56		568		OIL GRAVITY-API (CORR.)		DATE 1/6/86	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		FARMINGTON RESOURCE AREA			

*(See Instructions and Spaces for Additional Data 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.

5174-5405' KB Acdzd w/2100 gals 15% wgt'd HCl. Frac w/130,000 gals 1% KCl wtr & 136,000# 20/40 sd.

37. 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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo-Alamo	1990'	2044'	Sand, water			
Kirkland	2044'	2680'	Sand & shale			
Fruitland	2680'	2862'	Sand, shale & coal			
Pictured Cliffs	2862'	2961'	sand gas			
Lewis	2961'	3802'	Shale			
Chacra	3802'	4534'	sand & gas			
Cliffhouse	4534'	4566'	Sand & gas			
Menefee	4566'	5132'	Sand, Shale & coal			
Point Lookout	5132'	5455'	Sand, Shale & gas			
** All terms expressed in KB.						