

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Tenneco Oil Company									
3. ADDRESS OF OPERATOR Box 3249, Englewood, CO 80155									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 870' FWL, 1850' FNL At top prod. interval reported below At total depth									
14. PERMIT NO.					DATE ISSUED				
15. DATE SPUDDED 6/21/82					16. DATE T.D. REACHED 7/6/82				
17. DATE COMPL. (Ready to prod.) 8/31/82					18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 6598' KB				
19. ELEV. CASINGHEAD 6578' GR					20. TOTAL DEPTH, MD & TVD 7500' KB				
21. PLUG, BACK T.D., MD & TVD 7456' KB					22. IF MULTIPLE COMPL. HOW MANY* 23. INTERESTS OWNED 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7190-7418' KB Dakota 26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CD/CNL, Ind. GR				
25. WAS DIRECTIONAL SURVEY MADE No					27. WAS WELL CORED No				
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		AMOUNT PULLED	
9-5/8"		36#		295' KB		12-1/4"		240 CF C1-B + 2% CaCl ₂ + 1/4#/sx flocele	
4-1/2"		11.5, 10.5#		7499' KB		8-3/4", 7-7/8"		1st: 622 CF econolite, 177 CF C1-B	
								2nd: 204 CF econolite, 18 CF C1-B	
								3rd: 622 CF econolite, 18 CF C1-B	
Lower DV @ 4018' KB, Upper DV @ 2583' KB									
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2-3/8"		7090' KB		4850' KB					
31. PERFORATION RECORD (Interval, size and number)									
7319-35' KB 1 JSPF									
7366-84' KB (47', 47 holes)									
7405-18' KB									
7190-7201' KB 2 JSPF (11', 22 holes)									
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
7319-7418' KB		1,000 gal 15% wtd HCL, 70 1.1 SG ball slrs, 60,000 gals 30# XL ge							
		116,000# 20/40 SD **							
33. PRODUCTION									
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)	
8/5/82		Flowing						Shut In	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.	
8/31/82		3		3/4"		→		156.62	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.	
82 psi		0		→		-		1253	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)									
TO BE SOLD									
35. LIST OF ATTACHMENTS									
ELECTRIC LOGS FORWARDED BY GEARHART									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED <u>Denise Wilson</u> TITLE <u>PRODUCTION ANALYST</u> DATE <u>OCTOBER 5, 1982</u>									

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

**7190-7201' KB: 400 gal 15% wtd acid, 33 1.1 SG ball slrs, 27,500 gal 30# XL gel, & 19,800# 20/40 SD. NMOCC

BY CB

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 and/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 35.

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 producing 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 identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2300'	2610'	Sand, shale, water	Greenhorn	7106'	
Kirtland	2610'	2870'	Shale			
Fruitland	2870'	3012'	Sand, shale, coal, gas, water			
Pictured Cliffs	3012'	3098'	Sand, gas			
Lewis	3098'	3528'	Shale			
Chacra	3528'	4690'	Shale, sand, gas			
Cliffhouse	4690'	4808'	Sand, gas, water			
Menefee	4808'	5215'	Sand, shale, coal, water, gas			
Point Lookout	5215'	5364'	Sand, water, gas			
Mancos	5364'	6244'	Shale			
Gallup	6244'	7106'	Siltstone and shale			
Graneros	7165'	7190'	Shale			
Dakota	7190'	TD	Sand, shale, gas			

NOTE: All depths expressed in terms of KB.

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reverse side)Form approved.
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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. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

870' FWL, 1850' FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. *

DATE ISSUED

12. COUNTY OR
PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 6/21/82 16. DATE T.D. REACHED 7/6/82 17. DATE COMPL. (Ready to prod.) 9/27/82 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 6590' KB 19. ELEV. CASINGHEAD 6578' GR

20. TOTAL DEPTH, MD & TVD 7500' KB 21. PLUG, BACK T.D., MD & TVD 7456' KB 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0'-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4756-69' KB Mesaverde 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, CD/CIL, Ind GR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	295' KB	12-1/4"	240 CF C-1-B + 2% CaCl ₂ +	1/4#/sx flocele
4-1/2"	11.6, 10.5#	7499' KB	8-3/4", 7-7/8"	1st: 622 CF econolite,	177 CF C1-B
				2nd: 204 CF econolite,	118 CF C1-B
				3rd: 622 econolite, 118	CF C1-B

Lower DV @ 4018' KB, Upper DV @ 2583' KB

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						None	4850' KB

31. PERFORATION RECORD (Interval, size and number)

4756-69' KB 2 JSPF
(13', 26 holes)

(See cmt squeeze details on reverse)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4756-69' KB	750 gal 15% wtd HCL, 331 1.1 SG ball slrs, 34,205 gal 1% KCL, 22,500# 20/40 SD

33.* PRODUCTION

DATE FIRST PRODUCTION 9/27/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 9/27/82 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD 143.37 OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO -

FLOW. TUBING PRESS. 1655 psi CASING PRESSURE 75 psi CALCULATED 24-HOUR RATE 1147 OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) -

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

TO BE SOLD

35. LIST OF ATTACHMENTS

ELECTRIC LOGS FORWARDED BY GEARHART

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

SIGNED

Denise Wilson

TITLE PRODUCTION ANALYST

FARMINGTON DISTRICT

BY

NMOCC

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

OCT 1 1982

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Cement squeeze details: 1 JSPF 4835-39' KB (4', 4 holes): Squeezed perms w/354 CF Cl-B cmt & 6-1/4#/sx gilsonite + 2% CaCl₂

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