

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF-079508																									
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																									
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME																									
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155		8. FARM OR LEASE NAME Cole A																									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1750' FSL 890' FEL At top prod. interval reported below At total depth		9. WELL NO. 1-E																									
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Chacra																									
DATE ISSUED		11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 35; T28N; R10W																									
15. DATE SPUNDED 8/2/80		12. COUNTY OR PARISH San Juan																									
16. DATE T.D. REACHED 8/12/80		13. STATE New Mexico																									
17. DATE COMPL. (Ready to prod.) 9/22/80		18. ELEVATIONS (OF WELL AT GR. ETC.)* 5899'																									
19. ELEV. CASINGHEAD --		20. TOTAL DEPTH, MD & TVD 6542'																									
21. PLUG BACK T.D., MD & TVD 6493'		22. IF MULTIPLE COMPL., HOW MANY* 2																									
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2967-3235' Chacra		24. WAS DIRECTIONAL SURVEY MADE No																									
25. TYPE ELECTRIC AND OTHER LOGS RUN CBL/VD IEL GR CD/SNL		26. WAS WELL CORED No																									
28. CASING RECORD (Report all strings set in well)																											
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34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																											
35. LIST OF ATTACHMENTS Electric logs forwarded by Schlumberger & Gearhart-Owen																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED _____ TITLE Asst Div Adm Mgr DATE NOV 11/4/1980																											

* (See instructions and spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY

NAAGCC

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: "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 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							38.	GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH				
Chacra	2810'	3240'	Shale, gas							
Cliffhouse	3510'	3610'	Sand							
Menefee	3700'	3810'	Sand, shale, coal							
Point Lookout	4000'	4020'	Sand							
Upper Mancos	4180'	4250'	Sand							
Lower Mancos	4250'	5390'	Sand, shale							
Graneros	5950'	6080'	Shale							
Graneros (sand)	6150'	6220'	Sand							
Dakota	6220'	6490'	Sand, gas							

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GEOLOGICAL SURVEY

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5. LEASE DESIGNATION AND SERIAL NO.

SF 079508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cole A

9. WELL NO.

1-E

10. FIELD AND POOL, OR WILDCAT

Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 35 T29N R10W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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

P.O. Box 3249, Englewood Colorado 80155

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

At surface 1750' FSL 890' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 8/2/80 16. DATE T.D. REACHED 3/12/80 17. DATE COMPL. (Ready to prod.) 9/22/80 18. ELEVATIONS (OF, BEB, RT, GR, ETC.) * 5889' gr. 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6542' 21. PLUG, BACK T.D., MD & TVD 6493' 22. IF MULTIPLE COMPL., HOW MANY * 2 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 25. WAS DIRECTIONAL SURVEY MADE

6256 - 6417' Dakota

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL/VD IEL GR CD/SNL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)						CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	DISC.	CEMENT	CEMENTING RECORD	AMOUNT PULLED	
9 5/8"	36#	219'	12 1/4"			200sx CL-B W/2% CACL2		
7"	23#	6541'	8 3/4"			160sx 50/50 POZ 150sx CLB		
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29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/4	2936'	
					2 3/8	6236'	3515'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6256-58'	6413-17'	6256-6238'	250 gals 15% HCL 15 balls
6235-88'		6336-6366'	1250 gals 15% HCL 90 balls
6336-66'	(2JSPF)	6399-6417'	250 gals 15% HCL 18 balls
6399-6401'	41' 82 holes	6256-6417'	76,500 gals 75% qual foam

33. PRODUCTION 56,400 #20/40

DATE FIRST PRODUCTION 9/20/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST 9/20/80 HOURS TESTED 3 hrs. CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD Q=1687 OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 116 psi CASING PRESSURE 1000 psi CALCULATED 24-HOUR RATE AOF=1704 OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

Sold

35. LIST OF ATTACHMENTS

Electric logs forwarded by Schlumberger & Gearhart Owens

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

SIGNED

TITLE

DATE 10/13/1980

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

WASHINGTON DISTRICT

INSTRUCTIONS

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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 FORMER 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	TOP	TRUE VERT. DEPTH
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Cliffhouse	3510'	3610'	Sand				
Menefee	3700'	3810'	Sand, Shale, Coal				
Point Lookout	4000'	4020'	Sand				
Upper Mancos	4180'	4250'	Sand				
Lower Mancos	4250'	5390'	Sand, Shale				
Graneros	5950'	6080'	Shale				
Graneros (sand)	6150'	6220'	Sand				
Dakota	6220'	6490'	Sand, Gas				