

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. NM-048567			
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, CO 80155				8. FARM OR LEASE NAME Bolack A			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1700' FNL, 1520' FWL				9. WELL NO. 1E			
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 2, T27N, R11W			
14. PERMIT NO. 30-045-25747				12. COUNTY OR PARISH San Juan			
15. DATE SPUDDED 10/6/83				13. STATE NM			
16. DATE T.D. REACHED 10/12/83				18. ELEVATIONS (DF, BEB, RT, GR, ETC.)* 5995' KB			
17. DATE COMPL. (Ready to prod.) 11/9/83				19. ELEV. CASINGHEAD 5983' GR			
20. TOTAL DEPTH, MD & TVD 6505' KB		21. PLUG BACK T.D., MD & TVD 6463' KB		22. IF MULTIPLE COMPL., HOW MANY* ---		23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD CABLE TOOLS ---	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6310-6439' KB Dakota						25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/SP/DIL, GR/CDL/CNL/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#		305' KB		12-1/4"	
4-1/2"		10.5#		6505' KB		7-7/8"	
Lower DV@4560' KB		Upper DV@1779' DB		CEMENTING RECORD			
				AMOUNT PULLED			
				324cf CL-B+2% CaCl ₂ +1/4#/sx flocele			
				1st stage 268cf life+1/4#/sx Flocele tail			
				w/177cf CL-B+1#/sx Flocele 2nd stage 718cf			
				Howcolite+1#/sx Flocele tail w/59cf (see reverse)			
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		6402' KB					
31. PERFORATION RECORD (Interval, size and number)							
6310-14' KB							
6384-6406' KB JSPF 48', 48 holes							
6417-39' KB							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
6310-6439' KB				1000 gal 15% HCL. Frac well w/			
				73,000 gal 70 quality foamed			
				1% KCL w/30# gel & 154,000#			
				20/40 sd.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 10/19/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 11/9/83		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. 206	
FLOW. TUBING PRESS. 112 psi		CASING PRESSURE 452 psi		CALCULATED 24-HOUR RATE ---		GAS—MCF. 1649	
						WATER—BBL. ---	
						OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs forwarded by Gearhart							
36. I hereby certify that the foregoing and attached information is complete and correct as determined by me and the well log.							
SIGNED <u>John D. [Signature]</u>				TITLE <u>Production Analyst</u>			
				DATE <u>11/17/83</u>			

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

FARMINGTON RESOURCE AREA

NMOCC

BY Sm

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.)

4-1/2" csg cementing detail continued: CL-B+1/4#/sx flocele. 3rd stage 555 cf Howcolite w/1/4#/sx Flocele
Tail w/ 59cf CL-B+2% CaCl₂ + 1/4#/sx Flocele. No cmt circ, TOC @550'

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	MEAN. DEPTH	TRUE VERT. DEPTH
Ojo Almo (meas)	772'	824'	Sandstone and Siltstone	Greenhorn	6222'	
Kirtland (meas)	824'	1480'	Shale w/interbedded siltstone			
Fruitland (meas)	1480'	1842'	Interlayered shale & siltstone w/coal beds near the base			
Pictured Cliffs (meas)	1842'	1900'	Sandstone			
Lewis (meas)	1900'	2752'	Shale			
Chacra (meas)	2752'	3385'	Shale			
Cliff- house (meas)	3385'	3500'	Sandstone w/interlayered siltstone			
Menefee (meas)	3500'	4232'	Interbedded siltstone and shale			
Point Lookout (meas)	4232'	4615'	Sandstone grading into siltstone & shale base			
Mancos (meas)	4615'	5410'	Shale			
Gallup (meas)	5410'	6222'	Shale w/interbedded siltstone, fracture			
Graneros (meas)	6273'	6308'	Shale			
Dakota (meas)	6302'	TD	Sandstone interbedded w/siltstone & Shale			