

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
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1120' FSL, 1805' FEL

At top prod. interval reported below:

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
Contract #110

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla A

9. WELL NO.
8E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 17, T26N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUNDED 5/18/82 16. DATE T.D. REACHED 6/2/82 17. DATE COMPL. (Ready to prod.) 8/24/82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6586' KB 19. ELEV. CASINGHEAD 6574' GR

20. TOTAL DEPTH, MD & TVD 7560' KB 21. PLUG, BACK T.D., MD & TVD 7511' KB 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DELETED _____ TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7256-7486' KB Dakota

26. TYPE ELECTRIC AND OTHER LOGS RUN
DCL, Dual Ind. SFL, Comp. Neutron - Form. Density

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#	294' KB	12-1/4"	236 CF C1-B + 2% CACL ₂	
4-1/2"	11.6#, 10.5#	7560' KB	8-3/4"/7-7/8"	SEE REVERSE	
Lower DV @		4205' KB, upper DV @ 2808'	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"	7350' KB	

31. PERFORATION RECORD (Interval, size and number)

7256-66' KB	7482-86' KB
7348-52' KB	
7386-7402' KB	2 JSPF
7434-38' KB	(47', 94 holes)
7464-73' KB	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7256-7486' KB	1900 gal 15% wtd HCL, 141 1.1 SG ball slrs. 71,000 gal 30# XL gel. 154,000# 20/40 SD cmt sqz; 177 CF

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/24/82	Flowing	Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PRCD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/24/82	3 hrs.	3/4"	→	-	160	-	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
84 psi	290 psi	→	-	1277	-	-

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

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Electric logs forwarded by Bluejet & Schlumberger

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

SIGNED Denise Wilson TITLE Production Analyst DATE August 26, 1982

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

NMOCC

RECEIVED FOR RECORD
SEP 09 1982
BY E. B. Beck

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 23, 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.)

Cementing record for 4-1/2" casing:

- 1st: 773 CF econolite, 177 CF C1-B + 2% CACL₂
- 2nd: 670 CF econolite, 59 CF C1-B
- 3rd: 1,288 CF econolite, 59 CF C1-B

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
Ojo Alamo	2550'	2646'	Sand, shale water	Greenhorn	7175'
Kirtland	2646'	2911'	Shale		
Fruitland	2911'	3080'	Sand, shale, coal, gas, water		
Pictured Cliffs	3080'	3192'	Sand, gas		
	3192'	3520'	Shale		
Lewis	3520'	4776'	Shale, sand, gas		
Chacra	4776'	4830'	Sand, gas, water		
Cliffhouse	4830'	5382'	Sand, shale, coal, water, gas		
Menefee	5382'	5535'	Sand, water, gas		
Point Lookout	5535'	6360'	Shale		
Mancos	6360'	7175'	Siltstone and shale		
Gallup	7175'	7256'	Shale		
Graneros	7230'		Sand, shale, gas		
Dakota	7256'	TD			

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

NAME	MEAS. DEPTH	TOP
Greenhorn	7175'	

NOTE: All depths expressed in terms of KB