Form 9-331
(Rev. 5-63)

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
Amoco Production Company

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any ~~State~~ requirements)*
At surface 1850' FNL x 790' FEL
At top prod. interval reported below Same
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla Contract 148

9. WELL NO.
26

10. FIELD AND POOL, OR WILDCAT
Otero Chacra

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/4, NE/4, Section 14, T25N, R5W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED: 4-15-82
16. DATE T.D. REACHED: 4-21-82
17. DATE COMPL. (Ready to prod.): 5-21-82
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: ~~6930' GL~~ 6943' KB
19. ELEV. CASINGHEAD: 6930' GL

20. TOTAL DEPTH, MD & TVD: 4192'
21. PLUG, BACK T.D., MD & TVD: 4149'
22. IF MULTIPLE COMPL., HOW MANY*: 2
23. INTERVALS DRILLED BY: → 0-TD
ROTARY TOOLS:
CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4072'-4092' - Chacra

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
*GR; SP; Caliper; FDC; CNL; DIL

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
8-5/8"	24#	331'	12-1/4"	315 sx	
5-1/2"	15.5#	4192'	7-7/8"	980 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/16"	4078'	3400'

31. PERFORATION RECORD (Interval, size and number)
4072'-4092' with 2 SPF, a total of 40, .38" holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4072'-4092'	84,000 gal frac fluid and 127,000 # of 10-20 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5-8-82	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-10-82	3 hours	.75"	→		90		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
52 PSIG		→		764		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED B.F. Robertson TITLE Administrative Supervisor DATE 6/17/82

ACCEPTED FOR RECORD
JUN 21 1982
FARMINGTON DISTRICT
BY

RECEIVED
JUL 13 1982
OIL CON. COM.
DIST. 3

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

NMOCC

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.
Ojo Alamo	2641	2820	
Kirtland	2820	2855	
Fruitland	2855	3182	
Pictured Cliffs	3182	3253	
Chacra	4071	4108	

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

GPO 680-373

5½" production Casing

1. Cement with 275 sx of Class "B" neat cement containing 50:50 POZ, 6% gel, 2# medium tuf plug per sack and .8% fluid loss additive.

2. Cement with 605 sx of Class "B" neat cement containing 65:35 POZ, 6% gel, 2# medium tuf plug per sack, and .8% fluid loss additive, This was tailed in with 100 sx class "B" neat cement. Good cement was circulated to surface.