

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

Form 9-330 (Rev. 5-83)

5. CASE DESIGNATION AND SERIAL NO.
Jicarilla 70

6. INDIAN, ALLOTTEE OR TRIBE NAME
Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Jicarilla 70

9. WELL NO.
70-15

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., Q. BLOCK AND SURVEY
S. Lindrith Gallup-Dakot.
D. AREA
Sec. 34, T24N, R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

14. PERMIT NO.

15. DATE SPUN
5-13-82

16. DATE T.D. REACHED
5-27-82

17. DATE COMPL. (Ready to prod.)
4-16-83

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)
7108' GR 7120' KB 7109' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD
7450' KB

21. PLUG, BACK T.D., MD & TVD
7398' KB

22. IF MULTIPLE COMPL. HOW MANY?
1

23. INTERVALS DRILLED BY
10-7450'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)
Dakota 'D' 7295-7348 Greenhorn 7065-7120
Dakota 'A' 7149-7172 Tocito 6750-6875 Gallup 5806-6319

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction Density

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 lb/ft	225' KB	12 1/4"	SEE ATTACHMENT	None
4 1/2"	11.6 lb/ft	7442' KB	7 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"						7316' KB	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	7316' KB	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHMENT	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD	Flowing, gas lift, pumping—size and type of pump	WELL STATUS (Producing or shut-in)
4/25/82	Pumping		Producing

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

Sold to El Paso Natural Gas Company

TEST WITNESSED BY
Andy Birdsell

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: [Signature] DATE: 4/28/83

TITLE: President

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

NMOCC

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 38, 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.), formations and/or State office. All attachments should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Consult local State and pressure tests, and directional surveys, should be described in accordance with Federal requirements. Locations on Federal or Indian land 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(s) and name(s). Submit a separate report (page) on this form, adequately identified, for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval reported in item 38.

... SUMMARY OF POROUS ZONES: ... AND ALL DRILL-STEM TESTS, INCLUDING
... CORED INTERVALS: ... AND RECOVERIES

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PERFORATION RECORD:

Dakota 'D': 7295', 7328', 7330', 7334', 7336', 7340', 7346',
7348' - 4 SPF

Dakota 'A': 7149', 7160', 7162', 7164', 7169', 7172' - 4 SPF

Greenhorn: 7120', 7117', 7115', 7112', 7109', 7106', 7100',
7097', 7093', 7080', 7072' - 4 SPF
(7065' - 1 SPF)

Tocito: 6750', 6754', 6770', 6782', 6807', 6813', 6818',
6823', 6863', 6864', 6867', 6869', 6871', 6872',
6875' - 4 SPF

Gallup: 5806', 5809', 5823', 5841', 5844', 5849', 5863',
5871', 5876', 5880', 5888', 6302', 6307', 6311',
6314', 6316', 6319' - 4 SPF

ACID - FRACTURE:

Dakota 'D' and Dakota 'A': 300 gal. 7½% Hcl

Greenhorn and Tocito: 200 gal. 7½% Hcl

10,400# 20/40 sand
845 bbls. water

Gallup: 450 gal. 7½% Hcl

155,000# 20/40 sand
3627 bbls. water pumped

CEMENTING INFORMATION

225 sacks Class B cement, 1/4# Flocele, 3% calcium chloride per sack.
(270 CF)

1st stg. 730 sacks 50/50 Pozmix, 2% gel, 6 1/4# Gilsonite and 6# salt per sack.

2nd stg. 405 sacks 65/35 Pozmix, 12% gel, 6 1/4# Gilsonite per sack.

50 sacks Class B cement
(1422 CF)

7-11-70