

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*

Jicarilla Tribal Contract #71

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Contract #71

9. WELL NO.

11440

10. FIELD AND POOL, OR WILDCAT

South Lindrith Gallin Dakota

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

Section 9 T22N R4W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)

7085' GR, 7099' KB, 7086'

23. INTERVALS DRILLED BY

0-7284' KB

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORED

No

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

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

At surface Unit 'C' - 469' FNL & 1853' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

15. DATE SPUDDED

10/27/84

16. DATE T.D. REACHED

11/10/84

17. DATE COMPL. (Ready to prod.)

11/21/84

20. TOTAL DEPTH, MD & TVD

7284' KB

21. PLUG BACK T.D., MD & TVD

7230' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

0-7284' KB

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dakota 'D': 7110'-7166'; Greenhorn: 6917'-6935';

Dakota 'A': 6998'-7022'; Gallup: 5604'-6145'

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction and density

25. 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

224' KB

12 1/4"

SEE ATTACHED

None

4 1/2"

11.6 lb/ft

7284' KB

7 7/8"

SEE ATTACHED

None

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"

7109' KB

None

7073' S. N. KB

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED

33. PRODUCTION

DATE FIRST PRODUCTION

11/23/84

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Swabbing

DATE OF TEST

11/24/84

HOURS TESTED

24 hours

CHOKER SIZE

2"

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY API (CORR.)

107

20

37

43°

147 PSI

165 PSI

24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY API (CORR.)

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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, 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 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.), to the completion 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 Federal 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), do state in item 22, and in item 24 show the production 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 identify for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sack 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.)

ICARILLA APACHE 71-40

37. SUMMARY OF FORMER ZONES:
SHOW ALL IMPORTANT ZONES OF FORMER AND PRESENT PRODUCTION, INCLUDING DEPTH INTERVAL, INTERVAL, CUMULATIVE, TIME TOOL USED, AND RECOVERY

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2284	2430	Sand + wet			
Pictured Cliffs	2754	2798	Sand + poss show			
Chacra	3544	3800	Shale - no show			
Cliff House	4277	4540	Sand and shale + no show			
Point Lookout	4882	5048	Sand + possible show			
Gallup	5572	6150	Sand and shale + oil and gas			
Tocito	6588	6716	Sand and shale + no show			
Greenhorn	6890	6949	Sandy lime + oil and gas			
Dakota 'A'	6987	7060	Sand - oil and gas			
Dakota 'D'	7103	7168	Sand + oil and gas			
Burro Canyon	7211	Still in @ T. D.				

Jicarilla Apache 71-40

Cementing Record:

Spud: Cemented with 250 sks (295 CF) Class B neat, 3% calcium chloride, 1/4 lb/sk Flocele.

1st stage: Cemented with 1200 sks (1716 CF) 50/50 pozmix, 2% gel, 6 1/4 lb/sk Gilsonite, 6 lb/sk salt.

2nd stage: Cemented with 400 sks (932 CF) 65/35 pozmix, 12% gel, 6 1/4 lb/sk Gilconite.

Tailed in with 50 sks (59 CF) Class B neat.

Perforation Record:

Dakota 'D': 7110', 7130', 7133', 7136', 7139', 7142', 7145', 7148', 7151', 7154',
7157', 7160', 7163', 7166', 4 SPF, 56 holes.

Dakota 'A': 6998', 7000', 7002', 7018', 7022', 4 SPF, 20 holes.

Greenhorn: 6917', 6922', 6925', 6928', 6931', 6935', 4 SPF, 24 holes.

Gallup: 5604', 5641', 5656', 5675', 5681', 5686', 5688', 5788', 5804',
5916', 5925', 5950', 5972', 5978', 6008', 6022', 6024', 6026',
6028', 6054', 6093', 6095', 6097', 6128', 6131', 6133', 6135',
6137', 6139', 6141', 6143', 6145', 3 SPF, 96 holes.

Acid, Fracture:

Dakota 'D' zone:

200 gal 7 1/2% Acetic acid
90,000 lbs 20/40 sand
2,600 bbls water

Greenhorn:)

Dakota 'A':)

200 gal 7 1/2% Hcl
50,000 lbs 20/40 sand
1,650 bbls water

Gallup:

450 gal 7 1/2% Hcl
90,000 lbs 20/40 sand
2,800 bbls water