

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Contract #105

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "A"

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Tapacito Pictured Cliffs
Basin, Dakota

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA

Sec. 23, T-26N, R-4W
N.M.P.M.

12. COUNTY OR PARISH

Do Arriba

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Southern Union Production Company

3. ADDRESS OF OPERATOR
P. O. Box 808, Farmington, Nre Mexico 87401 U. S. GEOLOGICAL SURVEY

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1080 feet from the South line and 1750 feet from the East line.

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6946 ft. R.K.B.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	FRACTURE TREATMENT	<input checked="" type="checkbox"/>
SEALING OR PLUGGING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) <u>Supplementary Well History</u>	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Drilled 9-7/8" hole w/mud to T.D. of 3800 ft. R.K.B. Ran 117 jts. of 7-5/8", 26.40# J-55 Csg. Landed at 3796 ft. R.K.B. Cemented w/400 cu. ft. cement. Plug down at 3:00 A.M. 7/12/68.
2. Nipped up and pressure tested 7-5/8" Csg. & B.O.P. to 1500 psi for 10 min. Test OK.
3. Gas drilled 6-3/4" hole to T.D. of 8045 ft. R.K.B. Reached T.D. 7/18/68.
4. Ran 13 1/2 jts. (4394 ft.) of 4-1/2", 10.50#, J-55 Csg. as a liner. Bottom of liner at 8042 ft. R.K.B. Top of liner at 3648 ft. R.K.B. Cemented liner w/900 cu. ft. cement. Plug down 2:30 A.M. 7/19/68.
5. Moved in Completion Unit 8/24/68. Ran 2-3/8" Tbg. and cleaned out to P.B.T.D. of 8004' R.K.B. Press. tested Csg. to 3500 psi for 10 min. Test OK.
6. Ran Gamma Ray Correlation and Cement Bond Log.
7. Perforated 1st stage Dakota 1shot/ft. 7890-7908, 7930-7946, 7980-7986. Sand water frac perfs w/70,000# sand, 1,000# glass beads and 86,780 gals. of 1% KCL water.
8. Set 4-1/2" Bridge plug at 7820 ft. R.K.B.
9. Perforated 2nd stage Dakota 1 shot/ft. 7772-7794. Sand Water frac perfs. w/30,000# sand, 1,000# glass beads and 39,390 gals. of 1% KCL water.
10. Set 4-1/2" Bridge plug at 3691 ft. R.K.B.
11. Perforated Pictured Cliffs 1 shot/ft. 3556-3568, 3574-3584. Sand Water frac perfs. w/60,000# sand and 40,130 gals. of water.
12. Ran Tbg. and drilled out bridge plugs at 3691 ft. and 7820 ft. Cleaned out to P.B.T.D. of 8004 ft. R.K.B.

(OVER)

18. I hereby certify that the foregoing is true and correct

SIGNED GILBERT D. NOLAND, JR.

TITLE Drilling Superintendent

DATE September 11, 1968

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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GPO 837-499 887-881

13. Set 4-1/2" Baker Model "D" Production Packer at 7696 ft. R.K.B.
14. Ran 23 1/2 jts. of 1-1/2", E.U.E., 2.90#, JCW Tbg. to Dakota. Landed in packer at 7696 ft. Bottom of Tbg. at 7700' R.K.B. Ran 2-1/16" Baker blast joints across Pictured Cliffs perforations. Top at 352 1/4 ft. and bottom at 359 1/4 ft. R.K.B.
15. Ran 109 jts. of 1-1/2", I.J., 2.76#, JCW Tbg. to Pictured Cliffs. Landed at 355 1/4 ft. R.K.B.
16. Well completed 9/1/68.

