

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. Contract #153
2. NAME OF OPERATOR Southern Union Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P. O. Box 808 - Farmington, New Mexico		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650 ft. from the North line and 990 ft. from the West line.		8. FARM OR LEASE NAME Jicarilla "JH"
14. PERMIT NO.		9. WELL NO. 7
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6664 ft. R.K.B.		10. FIELD AND POOL, OR WILDCAT South Blanco P.C. Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 36, T-26N, R-5W, N.M.P.M.
		12. COUNTY OR PARISH Rio Arriba
		13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) Supplementary History ☒	
(Other) ☐			
(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 7-7/8" hole to total depth of 7610 ft. R.K.B. Reached T.D. August 18, 1966.
2. Ran 233 jts. of 5 1/2", 15.50# J-55 casing. Landed at 7609 ft. R.K.B. Stage collars set at 3260 ft. R.K.B. and 5450 ft. R.K.B. Cemented 1st stage w/450 cu. ft. of 50-50 pozmix class "C" cement. Plug down at 7:05 P.M. 8/20/66. Cemented 2nd stage w/500 cu. ft. of 2-1 pozmix class "C" cement; cemented 3rd stage w/1100 cu. ft. of 2-1 pozmix cement and 200 cu. ft. of class "C" cement. Plug down at 9:15 P.M. 8/20/66.
3. Moved in and rigged up completion unit August 25, 1966.
4. Ran tubing and drilled stage collars at 3260 ft. and 5450 ft. R.K.B. Cleaned out to P.B.T.D. of 7573 ft. R.K.B. Pressure tested casing to 3500 psi for 15 minutes on 8/25/66. Test OK.
5. Ran Gamma-ray correlation log and cement bond log.
6. Perforated 1st stage Dakota w/2 shots/ft. 7404-7422, 1 shot/ft. 7436-7454, 2/ft. 7454-7462 ft., 1/ft. 7462-7463 ft., 1/ft. 7494-7518 ft. Sand water frac perms. w/60,000# 20-40 sand, 10,000# 10-20 sand and 117,000 gal. of 0.8% KCL water.
7. Set 5 1/2" bridge plug at 7330 ft. R.K.B.
8. Perforated 2nd stage Dakota w/2 shots/ft. from 7272-7278 and 7280-7292 ft. Sand water frac perms w/10,000# 20-40 sand, 10,000# 10-20 sand and 117,000 gal. of 0.8% KCL water.
9. Set 5 1/2" bridge plug at 3250 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 Sept. 26, 1966

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side

RECEIVED

OCT 4 1966

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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 wells 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 vented off by cement plugs; depths (top and bottom) and method of placement of cement plugs; kind of other material placed below, between and above plugs; amount, size, method of 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 for approval of the abandonment.

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10. Perf. 2 squeeze holes at 3195 ft. R.K.B. Squeezed w/100 sx reg. Job complete 2:00 A.M. 8/27/66. Perf. 2 squeeze holes at 3055 ft. R.K.B. Squeezed w/100 sx regular cement. Job complete 6:00 A.M. 8/27/66. Drilled out to bridge plug at 3250 ft. Pressure test squeeze holes to 2000 psi for 15 minutes. Test OK.
11. Perf. Pictured Cliffs zone 1 shot/ft. 3078-3086, 2/ft. 3092-3103, 1/ft. 3106-3115, 1/ft. 3130-3140 ft. Sand.Water frac perfs. w/30,000# 20-40 sand, 30,000# 10-20 sand and 67,200 gal. of 0.8% KCL water.
12. Ran tubing drilled bridge plug at 3250 ft. and 7330 ft.; cleaned out to P.B.T.D. of 7573 ft. R.K.B.
13. Set Baker Model "D" 5 $\frac{1}{2}$ " production packer at 7200 ft. R.K.B.
14. Ran 225 jts. of 1 $\frac{1}{2}$ ", E.U.E., 2.90#, JCW tubing to Dakota. Landed at 7432 ft. R.K.B.
15. Ran 96 jts. of 1 $\frac{1}{2}$ ", Integral joint, 2.75#, JCW tubing to Pictured Cliffs. Landed at 3133 ft. R.K.B.
16. Completed well August 31, 1966.