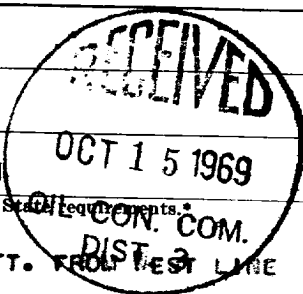


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

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 #145	
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 87401		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 790 FT. FROM NORTH LINE AND 1190 FT. FROM WEST LINE		8. FARM OR LEASE NAME JICARILLA K ¹	
14. PERMIT NO.		9. WELL NO. 10	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6830 FT. R.K.B.		10. FIELD AND POOL, OR WILDCAT SOUTH BLANCO PICTURED CLIFFS BASIN DAKOTA	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 1, T-25N, R-5W, N.E.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:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐SUPPLEMENTARY HISTORY ☒

(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 W/MUD TO T.D. OF 7705 FT. R.K.B. REACHED T.D. 9/13/69.
 2. RAN 240 JTS. 5-1/2", 15.50#, J-55 CSG. LANDED AT 7704 FT. R.K.B. STAGE COLLARS SET AT 3402 FT. AND 5709 FT. R.K.B. CEMENTED FIRST STAGE WITH 700 CU.FT. CEMENT. PLUGGED DOWN 3:30 P.M. 9/14/69 CEMENTED SECOND STAGE THROUGH COLLAR AT 5709 FT. R.K.B. WITH 800 CU.FT. CEMENT. PLUGGED DOWN 5:15 P.M. 9/14/69 CEMENTED THIRD STAGE THROUGH COLLAR AT 3402 FT. R.K.B., WITH 1150 CU. FT. CEMENT. PLUGGED DOWN 6:45 P.M. 9/14/69.
 3. MOVED IN AND RIGGED UP COMPLETION UNIT 9/22/69.
 4. RAN TUBING AND DRILLED OUT STAGE COLLARS AT 3402 FT. AND 5709 FT. R.K.B. PRESSURE TESTED CASING TO 3500#. TEST OK.
 5. RAN GAMMA RAY CORRELATION AND CEMENT BOND LOG.
 6. PERFORATED 1ST STAGE DAKOTA W/1 SHOT/FT. 7548-7566, 7524-7610. SAND WATER FRACED PERFORATIONS W/70,000# SAND, 1,000# GLASS BEADS AND 77,490 GALLONS OF WATER.
 7. SET 5-1/2" BRIDGE PLUG AT 7470 FT. R.K.B.
 8. PERFORATED 2ND STAGE DAKOTA 1 SHOT/FT. 7414-7430. SAND WATER FRACED PERFORATIONS W/30,000# SAND, 500# GLASS BEADS AND 37,800 GALLONS OF WATER.
 9. SET 5-1/2" BRIDGE PLUG AT 3422 FT. R.K.B.
 10. PERFORATED 2 SQUEEZE HOLES AT 3360 FT. R.K.B. SQUEEZED HOLES W/100 SACKS REGULAR CEMENT. JOB COMPLETE 5:00 P.M. 9/24/69.
 11. PERFORATED 2 HOLES AT 3190 FT. R.K.B. SQUEEZED HOLES W/200 SACKS REGULAR CEMENT. JOB COMPLETE 4:30 A.M.
 12. DRILLED OUT SQUEEZE CEMENT TO 3340 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

10/9/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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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13. PERFORMED PICTURED CLIFFS ZONE 1 SHOT/FT. FROM 3214-3220 AND 1 HOLE AT 3241, 3246, 3273, 3279 AND 3284. SAND WATER. FRACED PERFORMATIONS WITH 75,000# SAND AND 37,296 GALLONS WATER. JOE COMPLETE 12:30 A.M.
14. RAN TUBING AND DRILLED OUT BRIDGE PLUG AT 3422 FT. AND 7675 FT. R.K.B. CLEANED OUT TO P.B.I.D. OF 7675 FT. R.K.B.
15. SET 5-1/2" BAKER MODEL - D^W PRODUCTION PACKER AT 7301 FT. R.K.B. RAN 225 VTS. OF 1-1/2" 2.90# R-CON-55 E.U.E. TUBING TO DAKOTA. LANDED IN PACKER AT 7301 FT. R.K.B. BOTTOM OF TUBING AT 7507 FT. R.K.B. RAN 2-1/16" BLAST JOINTS ACROSS PICTURED CLIFFS FORMATION. TOP AT 3204 FT. R.K.B. BOTTOM AT 3294' RKS. RAN 98 VTS. OF 1-1/2" 2.75# R-CON-55 INTEGRAL JOINT TUBING TO PICTURED CLIFFS. LANDED AT 3237 FT. R.K.B.
18. WELL COMPLETED SEPTEMBER 29, 1969.