

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

SF-078896

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                |  | 6. UNIT AGREEMENT NAME                                                     |  |
| 2. NAME OF OPERATOR<br><b>Beta Development Co.</b>                                                                                                              |  | 7. FIRM OR LEASE NAME<br><b>Mudge Federal</b>                              |  |
| 3. ADDRESS OF OPERATOR<br><b>125 Petroleum Club Plaza, Farmington, New Mexico 87401</b>                                                                         |  | 8. WELL NO.<br><b>2</b>                                                    |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>1850/W 1450/B</b> |  | 10. FIELD AND POOL, OR WILDCAT<br><b>Basin Dakota</b>                      |  |
| 14. PERMIT NO.                                                                                                                                                  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br><b>29-27N-11W R4PM</b> |  |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>6254' G. R.</b>                                                                                            |  | 12. COUNTY OR PARISH<br><b>San Juan</b>                                    |  |
|                                                                                                                                                                 |  | 13. STATE<br><b>New Mexico</b>                                             |  |

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\* ☐

(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.)\*

- 10-3-73 Rigged up work over unit removed well head. Rigged up B. O. P.  
10-4-73 Latched onto tubing stuck on bottom worked loose in 1 1/2 hrs. P. O. H. started picking up 2 3/8" tubing. W. I. H. with Baker D-1 latching packer plug, Model C-1 full bore packer, ran 203 joints 2 3/8" J-55 tubing set D-1 plug in Model "D" packer pressured to 2000 lbs. plug held. Circulated hole spotted 1 sack frac sand on top of D-1 plug.  
10-5-73 Started looking for bottom hole in casing, found bottom hole at 4300' started pressuring casing looking for top hole, found top hole at 2620'. P. O. H. removed Baker tools W. I. H. open ended to 4360' pumped 200 sacks 6% Gel cement. P. O. H. to 2300' reversed cement above tubing out of hole. Pumped 200 sacks 6% Gel cement down tubing followed with 200 sacks neat cement. Displaced tubing with water let cement set for 1/2 hr. pumped 1 barrell water released pressure, 1 barrell water flowed back. Pumped 1 1/2 barrells set for 1/2 hr. Released pressure, no flow back. Rigged pump truck down (Dowell) P. O. H.  
10-6-73 W. I. H. with 3 3/4" bit (Hughes) on 2 3/8" tubing tagged cement at 2616' Pressured to 1500 lbs. for 5 min. held o.k. Drilled 248' pressured to 1600 lbs. for 5 min. held o.k. Drilled 248', had 8' void at 2875', pressured to 1500 lbs. leaked to 800 lbs. in 25 sec. to 600 lbs. in 5 min.  
10-7-73 Drilled 248' pressured to 1200 lbs. no increase in bleed off. Drilled 248' pressured to 1200 lbs. no increase in bleed off. Drilled 248' pressured to 1200 lbs. no increase in bleed off.

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

SIGNED D. E. Cuyler

TITLE Superintendent

DATE November 1, 1973

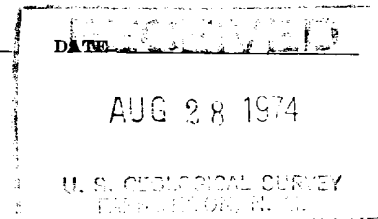
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

OVER

\*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.

\* GPO 782-930

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|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10-8-73  | Drilled 279' (9 jts.) pressured to 1200 lbs. no increase in bleed off.<br>Drilled 225' and drilled out of cement at 4360' pressured to 1200 lbs.<br>no increase in bleed off, checked to 4610' for cement stringers, (none) P. O. H.                                                                                                                                                                                                                                                                                                                                   |
| 10-9-73  | W. I. H. with Baker Model "B" retrieving tool tagged plug and circulated free sand out of hole. Pulled plug and P. O. H. laying down 2 3/8" tubing, replaced 14 joints 1 1/2" tubing that was pitted with 14 joints tubing from Astec yard.                                                                                                                                                                                                                                                                                                                            |
| 10-10-73 | Finished going in hole stopped tubing 5' above Model "B" packer and circulated reverse, while tail pipe was going thru packer had good circulation until locater away. landed in packer set 6000 lbs. on packer 10,000 lbs. on donut. Removed B. O. P. set well head rigged up to swab, on second run with swab tubing plugged at 3300', P. O. H. removed swab cup and ran sinker bar to bottom. P. O. H. installed swab cup and ran to bottom. Rec. water and drilling mud. Made 2 more runs with swab from bottom brought out muddy water. Released rig at 5:30 P.M. |
| 10-12-73 | Rig up swab unit and swab well.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 10-13-73 | Swab well 4 hrs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 10-14-73 | Swab well 2 hrs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 10-15-73 | Swab well started noon. Acidized with 1000 Gal 15% reg. Acid with IHM. added. Swab well.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10-16-83 | Swab well, kicked off at noon. Released rig.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |