COPY

Form 9-331
(May 1963)

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.: NM-0733

RECEIVED
OCT 10 1980
O. C. D.
ARTESIA, OFFICE

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 [X] GAS WELL [ ] OTHER

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: WILLIAM A. & EDWARD R. HUDSON

8. FARM OR LEASE NAME: Gulf Federal

3. ADDRESS OF OPERATOR: Box #198, Artesia, New Mexico 88210

9. WELL NO.: 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface: 2310' from south and 1980' from east lines of Section 33-20S-30E

10. FIELD AND POOL, OR WILDCAT: Dos Hermanos, Yates Seven Rivers

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33-20-30

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

12. COUNTY OR PARISH

13. STATE

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*	[X]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]				
(Other)				(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.) *

The following work was performed in plugging and abandoning well:

7-7-80 - Ran 4-3/4" swage, bumper sub, hydraulic jars and 6 3½" drill collars on 2-7/8" N-80 tubing. Started swagging 7" pipe at 860'. Swage went thru tight spot from 860' to 866', swage hit solid at 881, swagged for 3 hrs. from 881' to 882', swagged on down to 892', shut down overnight.

7-8-80 - Swagged from 892' to 912'. Drill collars unscrewed, fished drill collars, left swage and bumper sub in hole, shut down overnight.

7-9-80 - Ran tubing and drill collars, could not screw onto fish. Ran 4 11/16" overshot, overshot would not go past 881'. Removed overshot, ran 3½" drill collars in another attempt to screw onto fish. 3½" collars stopped 2' above fish and fit hole so tight they would not turn. Evidently pipe was collapsing above bumper sub and swage. Pulled collars, ran 5½" swage. Started swagging pipe at 881', swagged from 881' to 892'. The 5½" swage would not make any hole at 892', pulled tubing up to drill collars, shut down overnight.

7-10-80 - Pulled drill collars, found bumper sub and hydraulic jars broken off and remainder of sub was packed full of salt. This indicates that swage went outside of 7" casing at 881'. We now have a 5½" swage, bumper sub and hydraulic jars lost in hole

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

SIGNED Ralph L. May TITLE Consulting Engineer DATE Sept. 24, 1980

(This space for Federal or State office use)

APPROVED BY (Orig. Sgd.) PETER W. CHESTER TITLE ACTING DISTRICT ENGINEER DATE SEP 29 1980

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.

GPO 680-379

in addition to the 4-3/4" swage and bumper sub that was lost earlier. Released unit, hauled tubing to yard.

7-23-80 - Ran 5-3/4" impression block. I.B. tagged at 862', pulled I.B. marks on outside of block. Indicated tight hole at 862', ran a 4-3/4" I.B. The 4-3/4" I.B. stopped at 862', pulled block, the block indicated tight hole. Ran a 3-3/4" I.B. This block would not go past 862', pulled block, ran a joint of 2-3/8" tubing, open ended without a collar on bottom, tagged at 881'. (2 19/32" O.D.), pulled tubing.

7-24-80 - Ran a 4-3/4" swage, bumper sub, hydraulic jars and 4-3½" drill collars on 2½" N-80 tubing. The swage went down to 881' without noticably touching anything. Pulled swage, ran a 4½" I.B., block stopped at 862', turned the block slightly and tagged at 881', pulled block. Impression on block indicated block set down in formation. Ran a 5⅛" swage, 4-3/4" bumper sub, 4-3/4" hydraulic jars and 4-3/4" drill collars on 2½" N-80 tubing, went thru tight spot at 862'. Indications are that the tools are going outside of the 7" casing at 862'. Tagged down at 887', tools would not swage at that point, pulled swage, shut down overnight.

7-25-80 - Ran 3 pcs. (104') 6" washover pipe (6" O.D. 5½" I.D.) with a 6" cluster-rite shoe on bottom, (5 7/8" I.D.) with 2 4-3/4" drill collars above washover pipe on 2½" N-80 tubing, started rotating at 862', cut 18" down to 863.5' and gas began to blow out of well at dangerous rate, shut down operation and ordered BOP and mud pump. Gas continued to flow from well. After 6 hrs. of flowing back crew was able to install a valve and hose on drilling head. Crew was also able to force a drilling head rubber down into wellhead, shutting off gas flowing from anulus, left well flowing gas into pit overnight.

7-26-80 - Tubing and casing were dead, washover pipe was stuck. Rigged up reverse unit and worked washover pipe loose. When washover pipe came loose, gas began flowing out of well again. Let gas flow blow down for 2 hrs. Installed a BOP, pumped 25 bbls. brine into well slowing gas flow. Pulled washover pipe, pumped an additional 100 bbls. of brine water into well with zero pressure at rate of 3 BPM. Shut pump down and fluid was stable, no gas flowing from well. Left well open to pit. After 6 hrs. a small amount of gas began to flow from well. Left well open to pit overnight.

7-27-80 - A very small amount of gas was flowing from well, left well open to pit.

7-29-80 - Pumped 30 bbls. brine water into well, ran 3 pcs. (104') 6" washover pipe, cluster-rite shoe, hyd. jars, 2 4-3/4" drill collars on 2½" N-80 tubing. Shoe set down at 835', turned shoe slightly and tagged at 840'. (Note: This is first time that any of tools have tagged anything at 835'). Rotated shoe down to 852', drilled for 2 hrs. at that point without making any hole. Tried to circulate well without success, continued drilling. Drilling from 852' to 853' in 4½ hrs., pulled shoe. The cluster-rite was not worn off of shoe. The 6" wash pipe was very "shiny" from 852' up to 832'. This is probably dragging on a joint of 7" casing that unscrewed when we were milling at 862'. We cannot run enough weight on shoe to cut metal because 6" wash pipe drags too heavy in unscrewed 7" casing. Shut down overnight.

7-30-80 - Ran 6", long tapered mill on 4 4-3/4" drill collars. Mill tagged 850', milled thru tight spot from 850' to 852', mill went on down to 862'. Went thru tight spot from 862' to 864', milled from 873' to 878', started milling in formation at that point, hit metal again at 881', went thru metal at 882'. Milling metal again at 886', milled metal from 886' to 887', milled in formation down to 910'. Mill would not make any hole unless water was pumped thru it. This indicated that we were washing out formation ahead of mill, pulled mill.

7-31-80 - Ran 2½" tubing open ended to 842', pumped 2500 sx class "G" cement into well. Cement did not fill the well up to bottom of tubing. Shut well in overnight. Pressure 200 to 100 psi. at 6 to 1½ BPM. Fluid level before cementing - 550'. After cementing - 715'.

8-1-80 - Small amount of pressure on well, bled pressure down, ran Haliburton's wire line, fluid level 760', tagged bottom 875'. Ran tubing to 842', pumped 375 sx. neat, class "C" cement into well, raised tubing to 510', shut down for 20 min., pumped 175 sx. cement into well, shut down for 1 hr., pumped 250 sx., shut down overnight, ordered 1000 sx. cement.

8-2-80 - Ran tubing to 510', pumped 100 sx. cement into well, cement circulated to surface, pulled tubing, finished filling 7" with cement to surface. Installed dry hole marker, cleaned location. Total cement - 3600 sx.