

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-029415-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME DEC 15 1981

Puckett "B"

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

Maljamar

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

Sec. 24-17S-31E

12. COUNTY OR PARISH

13. STATE

Eddy

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 ☒ Water Injection	15. ELEVATIONS (Show whether DF, RT, GR, etc.)
2. NAME OF OPERATOR WILLIAM A. & EDWARD R. HUDSON	
3. ADDRESS OF OPERATOR Box #198, Artesia, New Mexico 88210	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1295' from south and 25' from east lines of Section 24-17S-31E.	
14. PERMIT NO. DEC 04 1981	

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

OIL & GAS U.S. GEOLOGICAL SURVEY ROSWELL, NEW MEXICO		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐	WATER SHUT-OFF	☐
FRACTURE TREAT	☐	FRACTURE TREATMENT	☐
SHOOT OR ACIDIZE	☐	SHOOTING OR ACIDIZING	☐
REPAIR WELL	☐	(Other)	☐
(Other)	☐		
PULL OR ALTER CASING	☐	REPAIRING WELL	☒
MULTIPLE COMPLETE	☐	ALTERING CASING	☐
ABANDON*	☐	ABANDONMENT*	☐
CHANGE PLANS	☐		

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.)*

On July 6, 1981, a water flow appeared out bradenhead between 5 $\frac{1}{2}$ " and 8-5/8" casing. Rate of flow was very erratic, but varied from a maximum of 550 barrels per day to just a few barrels per day. Well data is as follows: 8-5/8" casing cemented at 653' w/150 sx. 5 $\frac{1}{2}$ " casing cemented at 3929' w/300 sx. Top of Rustler Anhydrite - 600'. Base of salt-1780'.

On Oct. 6, 1981, Mr. Geo. Steward, USGS, gave verbal approval to proceed with repair work.

Oct. 7, 1981 - Ran Sonan log. Water flow located at 1090'.

Oct. 8 - Ran cement bond log. Top of cement behind 5 $\frac{1}{2}$ " is at 2100' with bridges indicated at 1688-96, 1510-21 and 1264-72. Perforated 5 $\frac{1}{2}$ " casing at 1880' w/4 holes. Set bridge plug at 1910'.

Oct. 9 - Set cementing packer at 1705'. Pumped 30 bbls. water into perforations, initial pressure - 1650 psi., dropped to 1350. Shut-in pressure 1,000 psi. Mixed red dye with 10 bbls. water. Pumped 120 bbls. water. No sign of dye. No indication that fluid was circulating.

Oct. 10 - Cemented thru perfs. with 150 sx. class C cement with 3% CaCl. Pumped in at 800 psi. Final pressure 1300 psi.

Oct. 11 - Ran temperature survey. No indication of cement. Cement inside of tubing was at 1648'. Pumped down bradenhead at 550 psi. to 675 psi. Cemented down 5 $\frac{1}{2}$ " - 8-5/8" annulus with 300 sx. class C cement with 3% CaCl. Ran temperature survey. Indicated cement from surface to 900'. Largest amount at 720-800'.

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

SIGNED Reggie L. Gray TITLE Consulting Engineer DATE Dec. 3, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

DEC 14 1981

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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.

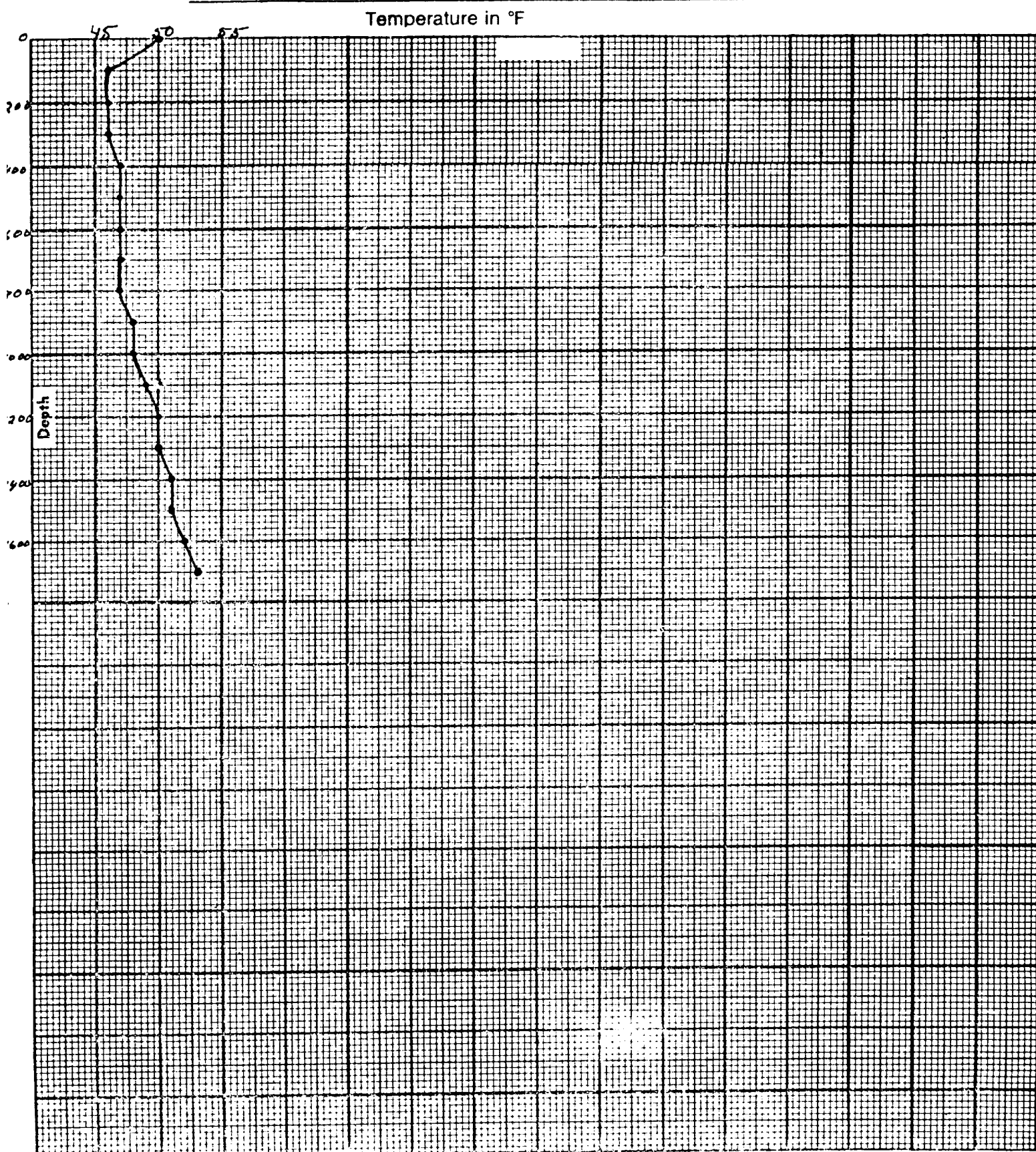
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 7: 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 and 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.

William A. & Edward R. Hudson
Puckett "B" #22, Sec. 24-17S-31E
Subsequent Report of Repairing Well.

Oct. 12, 1981 - Drilled cement plugs. Perfs at 1880' tested O.K.

Oct. 13 - Finish drilling cement plugs. Well back on injection.





BENNETT-CATHEY WIRE LINE SERVICE

P. O BOX 787

ARTESIA, NEW MEXICO 88210

Phone 746-3281



TEMPERATURE SURVEY

OPERATOR HUDSON & HUDSON

LEASE PUCKETT B

WELL NO. 22

FOOL _____ FORMATION _____

DATE & TIME CEMENT JOB COMPLETED 10-10-81 1400 HOURS

DATE & TIME SURVEY MADE 10-11-81 0900 HOURS

SURVEY RUN BY B.J. CATHEY

DATUM _____

WELL DATA CEMENT TOP: 900 FEET

TOTAL DEPTH: 1687 FEET

