

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STAMP IN TRIPLICATE
(Other instructions on reverse side)

Expires August 31, 1985

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 ☐		RECEIVED MAY 19 1994 ARTESIA OFFICE	
2. NAME OF OPERATOR Hanson Operating Company, Inc.			
3. ADDRESS OF OPERATOR P.O. Box 1515, Roswell, New Mexico 88202-1515			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Unit C, 990' FNL & 2600' FWL, NE 1/4 NW 1/4			
14. PERMIT NO. 30-015-21916		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3155.4' GR	
5. LEASE DESIGNATION AND SERIAL NO. LC-068282-B		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NM OIL CONS COMMISSION Drawer DD Artesia, NM 88210	
7. FARM OR LEASE NAME Hanson Federal		8. WELL NO. #15	
9. FIELD AND POOL, OR WILDCAT North Mason, Delaware		10. SEC. T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T. 26S, R. 31E	
11. COUNTY OR PARISH Eddy		12. STATE New Mexico	

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(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.)

Hanson Operating Company, Inc. is proposing to plug and abandon the above well in the following manner:

- Set a CIBP at 4145' and cap with 35' of cement to isolate Delaware Perforations (4195'- 4210').
- Free point 4 1/2" casing and cut off at approximately 4000'. Pull casing from well. Set a 100' cement plug 50' in the cut off and 50' outside the cut off.
- Set a 150' cement plug at top of Salt(1990') 75' below the top and 75' above the top.
- Set a 100' cement plug at the 8 5/8" casing shoe(458') 50' in and 50' out.
- Set a 50' cement plug at the surface.
- Remove all equipment and install a Dry Hole Marker.

All plugs will be set in place using 10# mud ladden fluid. All cement plugs will be Class "C" cement.

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

SIGNED Patricia A. McShaw TITLE Production Analyst DATE April 29, 1994

(This space for Federal or State office use)

APPROVED BY (ORIG. SGD.) JOE G. LARA TITLE PETROLEUM ENGINEER DATE 5/16/94

CONDITIONS OF APPROVAL, IF ANY:

See attached. Also, tag plugs @ top of salt and shoe of 8 5/8" csg.

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.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.



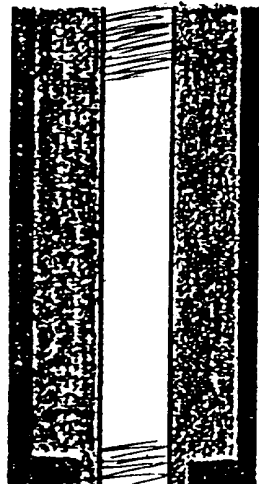
HANSON OPERATING COMPANY, INC.

United Bank Plaza, Suite 1200
Post Office Box 1515
Roswell, New Mexico 88202-1515
Phone: (505) 622-7330

LC 068282B
RECEIVED
MAY 2 9 43 AM '84

WELL BORE SKETCH

OPERATOR/LEASE/WELL HANSON OPERATING CO, INC, HANSON FEDERAL #15
LOCATION NE 1/4 NW 1/4 UNIT C 990' FNL + 2600 FWL Sec 25 T26S R31E
FIELD/POOL NORTH MASON / DELAWARE
PLUG BACK DEPTH _____ KB _____ ELEVATION 3155.462



Set A 50' cement
plug at surface.
Hole Size 12 1/4

SURFACE CASING:

Size 8 5/8 Weight 24# Grade _____
Set at 458' with 150 Sacks Cement
Circulate 25 Sacks to Surface
Remarks: _____

Set A 100' cement
plug at the 8 5/8 casing
shoe. 50' in + 50' out.

Hole Size 7 7/8

PRODUCTION CASING:

Size 4 1/2 Weight 9.5 Grade _____
Set at 4283 with 125 Sacks Cement
Cement Top: Calculated _____ Temperature Survey _____
Remarks: C.B.L - TOC = 4145

Set A 150' cement
plug at T/SALT
50' below + 50' above.

TUBING:

Size _____ Weight _____ Grade _____
Number of Joints _____ Set at _____
Packer Set at _____
Bottom Arrangement: _____

CUT OFF 4 1/2 CSG
AT APP. 4000'
Set A cement plug 50' inside
+ 50' outside the cut off

Set A CIBP AT
4145' cap w/ 35'
of cement

Perforations:
4195-4210
2 S.P.F.

RODS:

Size _____ Number _____
Gas Anchor Set at _____
Pump Set at _____
Arrangement: _____

T.D. = 4295'

FORMATION
TOPS:
Rustler - 1560'
T/SALT - 1970'
B/SALT - 3800'
T/Del Line - 4170'
T/Del. SD - 4200'

BUREAU OF LAND MANAGEMENT
CARLSBAD RESOURCE AREA

Permanent Abandonment of Wells on Federal Lands

Conditions of Approval

1. Approval: Plugging operations shall commence within 90 days from the approval date of plugging procedure.

2. Notification: Contact the appropriated BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy county call (505) ~~234-5272~~; for wells in Lea County call (505) 393-3612.

888-7-6544

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C", for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H", for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4/3 gallons of fresh water per sack.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as metes and bounds.)

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.