

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.

LC-060398

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
West Henshaw Premier Unit Tract 1

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Henshaw Grayburg West

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

Sec. 4, T-16-S, R-30-E

12. COUNTY OR PARISH

Eddy

13. STATE
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 **WIW**

2. NAME OF OPERATOR

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Box 633, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

O. C. C.
ARTESIA, OFFICE

Unit 5, 1980' FSL & 1980' FWL of Sec. 4, T-16-S, R-30-E

14. PERMIT NO.

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

3848 DF

16. 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 COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) **Set liner, perforate & acidize**

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 Reconpletion 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.)*

Set 4" OD Liner, perforate and acidize as per attached

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ARTESIA, NEW MEXICO

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

SIGNED

TITLE **Authorized Agent**

DATE **10-26-73**

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

APPROVED
OCT 30 1973
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*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 putting in, and depth 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, including no approval of the abandonment.

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WASHINGTON, D.C.

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WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: WEST HENSLOW PRODUCE UT Well No. 1-2

Field: WEST HENSLOW GRAYBURG

County: EDDY State: NEW MEXICO

RECOMMENDED PROCEDURE:

1. MOVE IN A PILING UNIT AND PULL THE INTERSECTION EQUIPMENT.
2. CLEAN THE WELL OUT TO THE TOP OF THE SHORTY TENSION PACKER (THE PACKER HAS BEEN RUN TO T.D. OF 2,812').
3. RUN A 2 1/2" O.D. WORTHWELL CALIBER FROM THE TOP OF THE SHORTY PACKER TO SURFACE. DETERMINE THE LOCATION OF THE DETERIORATED 5 1/2" CASING. (TRACER SURVEYS INDICATES THE BOTTOM JOINT OF THE 5 1/2" CASING IS SPLIT OR COLLAPSED ALLOWING WATER TO BE INJECTED INTO A THIEF ZONE.)
4. RUN A 4", 11.0 LB/FT, J-55, FLUSH JOINT LINER FROM APPROXIMATELY 50' ABOVE THE DETERIORATED 5 1/2" CASING TO THE TOP OF THE SHORTY TENSION PACKER. CEMENT WITH CLASS C NEAT CEMENT (14.80 LB/GAL) SLURRY CONTAINING 0.3% CFR-2 (HALLIBURTON'S FRICTION REDUCING AGENT). CEMENT AT APPROXIMATELY 5 BBL'S/MIN. APPROXIMATELY 15 SX OF NEAT CEMENT WILL BE REQUIRED. A PACK-OFF TYPE LINER-HANGER SHOULD BE USED IN SETTING THE LINER.
5. DRILL OUT PLUGS AND CEMENT TO THE LINER SHOE

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WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: WEST HENSHAW PREMIER LT Well No. 1-2

Field: WEST HENSHAW GRAYBURG

County: EDDY State: NEW MEXICO

RECOMMENDED PROCEDURE:

WAIT LOG FOR 24 HRS.

6. RUN A CASED HOLE. GAMMA RAY-NEUTRON-COLLAR LOG FROM P.B.T.D. THROUGH THE MINIMUM LOGGING INTERVAL.

7. SPOT 200 GALS OF 15% NON-EMULSION, IRON-STERILIZED HCL ACID IN THE BOTTOM OF THE HOLE AND PERFORATE THE PREMIER FORMATION WITH 1 JET SHOT PER PLANE AS DIRECTED BY THE GEOLOGIST (V.L. INMAN, MIDLAND, TEXAS, FWT 328).

8. ACIDIZE THE PREMIER PERFORATIONS WITH 1,500 GALS OF 15% NON-EMULSION, IRON-STERILIZED, HCL ACID. TREAT AT 3 TO 5 BBL/S/MIN AND INJECT A SUFFICIENT QUANTITY OF RUBBER-COVERED NYLON BALL SEALERS TO OBTAIN A COMPLETE BALL OUT. RELEASE THE BALL SEALERS AND INJECT 4,500 GALS OF FRESH WATER TREATED WITH 2 GALS OF ADMALL PER 1,000 GALS OF WATER.

9. INSPECT AND RUN THE 3" CEMENT LINED INTENTION TUBING (PER THE ATTACHED RECOMMENDATIONS) AND AN INTENTION PACKER. LOAD THE TUBING CASING-ANNULUS WITH FRESH WATER TREATED WITH 10 GALS OF CORTRON 2207 PER

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WELL WORK RECOMMENDATIONS
Proposals for Well Reconditioning and Subsurface Maintenance
Workovers, Expense DD's, PB's, and Conversions

Lease: WEST HENSHAW PREMIER LIT Well No. 1-2

Field: WEST HENSHAW GRADUARY

County: EDDY State: NEW MEXICO

RECOMMENDED PROCEDURE:

1000 GALS OF WATER. SET THE INJECTION PACKER APPROX-
IMATELY 50' ABOVE THE LINER TOP.

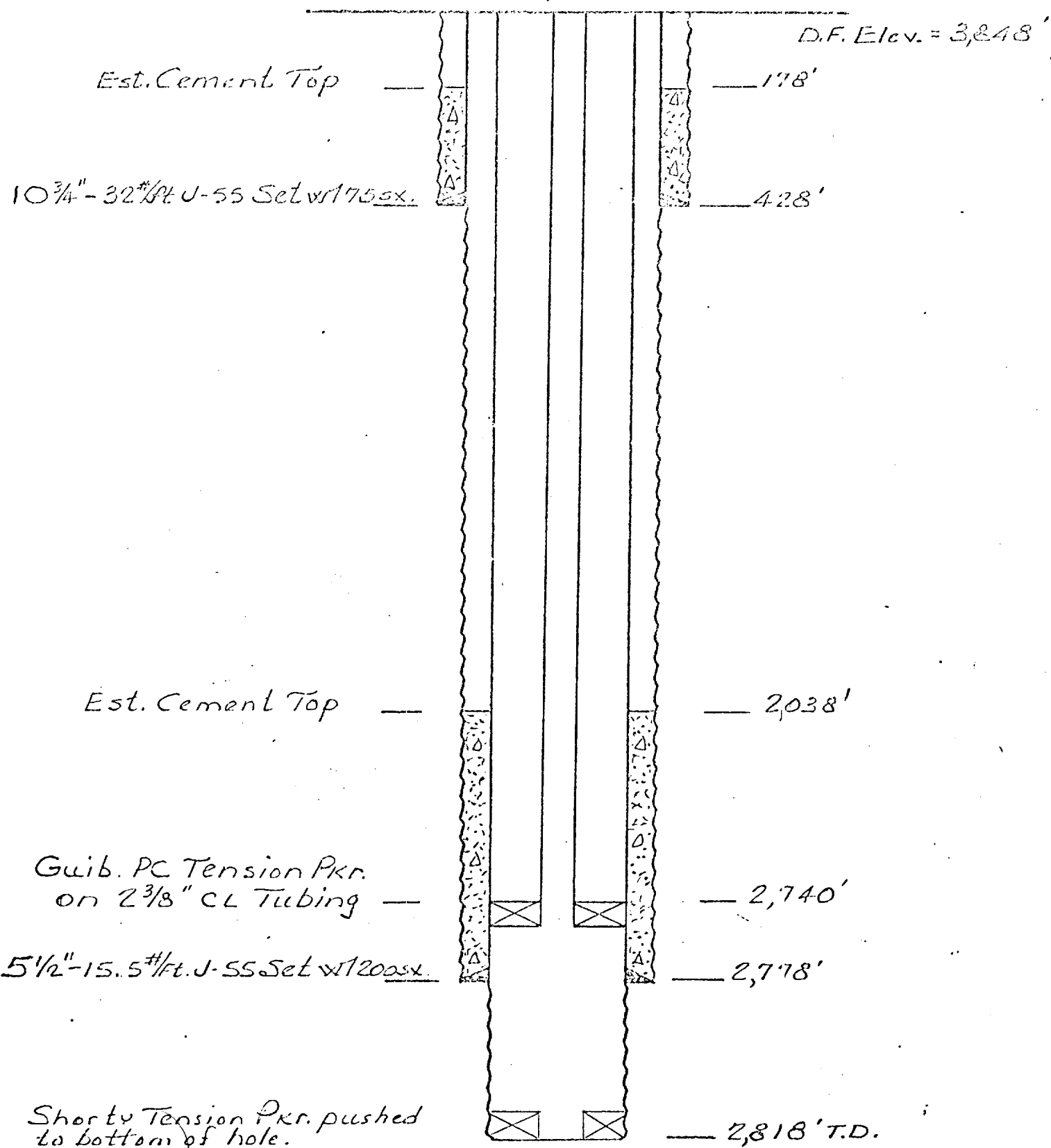
10. RETURN THE WELL TO INJECTION.

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D. GRAMMATIC WELL SKETCH
WEST HENDON FARM AREA, L. H. WELL NO 1-2 VIEW
WEST HENDON GRABBERG FIELD
EDDY COUNTY, NEW MEXICO



8-8-73

16W