

UNITED STATES HOBBS, NEW MEXICO 88240
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-58537

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Irex Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Allison Bagley-Penn

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

Sec. 20, T-8-S, R-37-E

14. PERMIT NO.

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

4032.4' GR

12. COUNTY OR PARISH

Roosevelt

13. STATE

N.M.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

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☐
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FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Re-Entry--Progress report

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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(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.)*

4-1-89 through 4-10-89

Pump testing well. Recovering water, no oil or gas.

4-11-89

Moved in and rigged up well service unit. Rods unscrewed. Screwed rods together. Hung well on beam. Had good pump action. Shut down for night.

4-12-89

Well pumping O.K. Rigged down well service unit.

4-13-89 through 5-1-89

Pump testing well. Recovering water. No oil or gas.

5-2-89

Moved in and rigged up well service unit. Rods unscrewed. Screwed rods together. Pulled out of hole with pump. Released from on-off tool and pulled out of hole with tubing. Shut down for night.

5-3-89

Ran GR-N-CL from 9530'-8500' and 5050'-4180'. Ran 4" x 20' Jumbo Jet gun loaded with 80 shots. Perforated 9476'-86' and 9466'-76' with 4 SPF. Total of 80 shots.

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

SIGNED

Wm. Broesbeck

TITLE

District Engineer

DATE

5-15-89

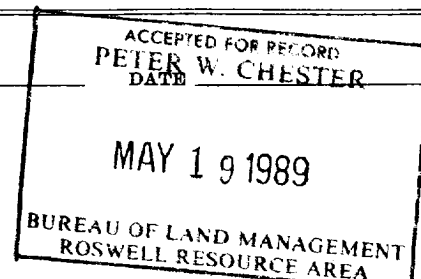
(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Irex Federal No. 2 (cont.)

5-3-89 (cont.)

Picked up 2 3/8" x 5" Baker Model "R" double grip packer and tripped in hole. Hit tight spot at approximately 6570' depth. Packer stuck. Shut down for night.

5-4-89

Pumped 750 gallons of 7 1/2% HCl down casing. Started jarring up on packer. Packer came free. Pumped 100 barrels of fresh water with 2% KCl down casing. Still could not go down with packer. Pulled out of hole with tubing and packer. Picked up 4 1/2" OD bottom hole swedge, bumper sub, jars and 6-3 1/2" OD drill collars. Tripped in hole on 2 7/8" OD tubing to 7367' without encountering any resistance. Pulled out of hole. Shut down for night.

5-5-89

Laid down 4 1/2" swedge and picked up 4 3/4" swedge and tripped in hole. Tagged up at approximately 6570'. Drove swedge through 8" of tight casing. Required 15,000# to push through and 25,000# to pull back out. Pulled out of hole with 4 3/4" OD bottom hole swedge. Shut down for night.

5-6-89

Ran GR and 4 Arm Caliper. Ran 4 Arm caliper from 6800' to 6400'. Casing measured 4.70" ID at peak at 6589'. Ran 4" OD Jumbo Jet gun. Made 2 shots in 5 1/2" casing at 6589'. Ran 4 3/4" OD bottom hole swedge, bumper sub, jars, 6-3 1/2" OD drill collars. Tagged up at 6573'. Worked 1 1/2 hours requiring 20 points in and 25 points out at end of working. Pulled out of hole with 4 3/4" swedge. Laid down drill collars and tools. Shut down for night.

5-7-89

Shut down for Sunday.

5-8-89

Picked up Baker Model "R" double grip packer. Installed bull plug on bottom, a perforated tubing sub and seating nipple on top and tripped in hole. Did not feel tight spot at 6589'. Set packer approximately 3 joints below perfs at 6589'. Ran swab to seating nipple. Did not feel fluid. Pulled out of hole with dry sand line and swab. No recovery. Shut down one hour and ran swab. Did not feel fluid. Pulled out of hole with dry sand line and swab. No recovery. Released packer and tripped in hole. Tagged up approximately 24' high at approximately 9510' KB. Left packer swinging. Ran swab to seating nipple. Did not feel fluid level. Pulled out of hole with swab. Swab line and swab dry. Pulled out of hole with tubing and packer. Started back in hole with packer open ended and with seating nipple on top. Shut down for night.

5-9-89

Completed running in hole with packer. Set packer at 9285'. Treated Penn perforations with 30,000 SCF N2 spearhead, 2500 gallons 20% surfactant gelled acid and displaced with 41,000 SCF N2. Left well shut in one hour.

Irex Federal No. 2 (cont.)

5-9-89 (cont.)

Flowed back approximately 10 barrels acid water and died. Ran swab to seating nipple. No recovery. Shut down for night.

5-10-89

Pulled out of hole with tubing and packer. Ran production equipment. Shut down for night.

5-11-89

Ran pump and rods. Hung well on beam. Had good pump action. Rigged down well service unit.

5-12-89 through 5-15-89

Recovering load water and pump testing well.

