

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

NM-68821

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL 30

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

N. Bell Lake
WILDCAT DEL ANTE11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

12. COUNTY OR PARISH

LEA

13. STATE

NM

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 ☐

2. NAME OF OPERATOR

Ray Westall

3. ADDRESS OF OPERATOR

Box 4 loco Hills NM 88255

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

At surface

330 FSL & 1650 FEL

unit 0

14. PERMIT NO.

30-025-29069

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

36296L

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

SEE ATTACHED DRILLING REPORT

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

SIGNED

TITLE

Geologist

DATE

8/20/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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Ray Westall Operating, Inc.
Federal 30 No. 2
Re-entry (Yates Kestral ABE #1)
Section 30, T23S, R34E
Lea County, New Mexico

1/25/92 Move in reverse unit, water tanks, tubing, dig
pit, ect. DC 25,674; CC 28,065
1/26/91 SD
1/27/92 Rig up pulling unit, drill surface plug.
DC 6,164; CC 34,229
1/28/92 Drilling on plug at 706'
DC 2,618; CC 36,847
1/29/92 Prep to go in hole with 4 3/4" bit. Changed BOP
drill collars, ect. Ystd. drlg plug
706-806, 1717-1817, cleaned out to top of 5½
csng. found at 3964' start out of hole.
DC 5,720; CC 42,567.
1/30/92 Going in hole with bit. Ystd. hit tight spot
at 4620' COOH went in with tapered mill.
Cleaned out to 4700' COOH w/ mill. Go back in
with bit. DC 3,510; CC 46,077
1/31/92 Drilling metal at 4800' hit metal at 4800'
come out of hole with bit go in with mill.
DC 2,880; CC 48,957.
2/1/92 Drilling with bit at 4801'. Ystd milled through
aluminum and cast stopped milling, go in with
bit. DC 3,450; CC 52,407.
2/2/92 SD. Ystd lost part of bit, come out with bit
replace with concave cone buster mill.
2/3/92 Milling at 4802'
DC 1,880; CC 54,287
2/4/92 Milling at 4808'. Ystd milled 6' steel, cast,
aluminum. Stop milling come out of hole, hole
in center of mill, go back in with fluted mill.
DC 3,460; CC 57,747
2/5/92 Going in hole with bit. Pulled globe head mill
retrieved part of casing with shot point. Ystd
Milled 11' with fluted mill, pull mill went in
with Globe head mill w/catchers.
DC 3,910; CC 61,657
2/6/92 Drilling on CIBP @ 7300'. Ystd drilled CIBP @
5150. DC 2,580; CC 62,237
2/7/92 Milling on CIBP @ 7300'. Ystd bit lost cone
COOH go in with mill.
DC 3,280; CC 65,517
2/8/92 Milling on @ 7300'. Recovering bolts,
nuts, bearings ect. DC 2,580; CC 68,097
2/9/82 SD. Ystd drilled plug cleaned out to
TD
2/10/92 Going in with side dress mill to dress off
tight spots. DC 3,280; CC 71,377
2/11/92 Going in with packer & plug, prep to cement
squeeze. Ystd milled tight spots cleaned out
to bottom. Displaced hole with 2% KCl.
DC 5,780; CC 77,157

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2/12/92 Prep to cement squeeze. Ystd set RBP, spot two sxs sand. packer would not set. Came out of hole, packer left in hole. WIH with another packer, packer would not set. SDFN
DC 3,880; CC 81,037

2/13/92 Prep to cmt squeeze 5254-5308. Ystd packer set, spot 3 more sxs sand on RBP and packer. Cmt squeezed perfs. 7573-7713, 7335-45.
DC 10,838; CC 91,875

2/14/92 Prep to drill out. Ystd squeezed perfs 5254-5380 WOC 4hrs. COOH w/packer start in hole W/bit. DC 2,730; CC 94,605

2/15/92 Milling on casing. Ystd bit hung up at 4803, COOH, go in with mill. DC 3,130; CC 97,735

2/16/92 SD. Ystd milled from 4803 to 4815.

2/17/92 Milling @ 4815. DC 2,260; CC 99,995

2/18/92 **Corrected** Milling tight spots @ 4808 Ystd made 4 passes Milled through tight spots 5th pass hung up. Pulled mill, ran bulldog, scratches on inside. Start in with concave mill. DC 2,280; CC 102,275

2/19/92 Milling tight spots 4808. DC 2,930; CC 105,205.

2/20/92 Drilling on cement. Ystd milled tight spots pushed pieces of casing to bottom, milled up. Pulled mill GIH w/ bit. DC 2,730; CC 107,935

2/21/92 Drilling cement @ 7330. Ystd drilled top squeeze. DC 2,280; CC 110,215

2/22/92 Drilling cement @ 7500'.
DC 2,280; CC 112,495.

2/23/92 SD. Ystd drilled all cement. circulate sand off packer and plug. Pulled pipe.

2/24/92 Going in hole to recover packer and plug. Well has small water flow one of the squeezes not holding. DC 2,280; CC 114,775

2/25/92 Logging with Cmt bond tools. Ystd removed packer and plug. DC 2,850; CC 117,675

2/26/92 Milling @ 5801. Ystd logged with Atlas SBT. Attempted to perforate, stuck guns @ 5808 pulled free. GIH with concave mill and side dress mill. DC 3,820; CC 121,495.

2/27/92 Perforating 8288-98, 8406-34, with 2 JSPF
DC 7,280; CC 128,775

2/28/92 Acid perfs with 2000 Gal 15% SRA & 1000 gal methanol. Ystd GIH with packer set at 8305.
DC 7,300; CC 136,075

2/29/92 SITP 20# gas, FL 4000', 3% oil cut.
Ystd gas on 8th swab oil cut on 10th.
Swab dry on 12th. DC 2630; CC 138,705.

3/1/92 SD

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Fluid Analysis: Final Run 3/5/92

| | |
|---------|--|
| 3/7/92 | SD |
| 3/8/92 | SD |
| 3/9/92 | Attempting to unseat packer. FL 2000' SIP 0#. DC 2,030; CC 162,885 |
| 3/10/92 | Washing sand. Ystd packer stuck, pumped down tubing, jarred packer free. COOH. Go back in open ended, prep to wash sand. DC 2,630; CC 165,515 |
| 3/11/92 | Moved in rental pumpjack. Run rods tubing pump. lay flow line to tank battery. Lay gas line from tank heater treater start pumping. |
| 3/12/92 | Pumped 120 bbls fluid |
| 3/13/92 | Pumped 225 bbls water |
| 3/14/92 | Pumped 190 bbls water |
| 3/15/92 | Pumped 220 bbls water |
| 3/16/92 | Pumped 225 bbls water skim of oil casing on strong vacuum. Fluid level 4700'. |
| 3/17/92 | Pumped 212 bbls water 5 bo, casing has blow. |
| 3/18/92 | Pumped 166 bbls water 0 bo, gassing. |
| 3/19/92 | Pumped 173 bbls water 0 bo, venting gas. |
| 3/20/92 | Pumped 175 bbls water 5 bo, venting gas harder. |
| 3/23/92 | Pumped 157 bbls water 11 bo, "*****" pump stuck, strip out of hole. |
| 3/24/92 | Run in hole with tubing and packer set above perforations. Run rods and pump start back pumping. |
| 3/25/92 | Pumped 5 bo 54 bbls wtr. Work on #1 well lost gas to #2. |
| 3/26/92 | S.I. Wait on further evaluation. |

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