

Submit 3 Copies
to Appropriate
District Office

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 South Pacheco Street
Santa Fe, New Mexico 87505-6472

WELL API NO.

30-045-25984

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

NMSF-078431

7. Lease Name or Unit Agreement Name

CON HALE

8. Well No.

3E

9. Pool name or Wildcat

BASIN DAKOTA

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO
A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator

CHATEAU OIL AND GAS, INCORPORATED

3. Address of Operator

5802 HIGHWAY 64, FARMINGTON, NEW MEXICO 87401

4. Well Location

Unit Letter J : 1553 Feet From The S Line and 1520 Feet From The W Line

Section * 26

Township 26N Range 8W

NMPM

County SJ

10. Elevation (Show whether DF, RKB, RT, Gr, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103

Propose to go ahead with plans to plug and abandon Dakota. Propose to recomplete well in the Gallup and Tocio formations as per the attached procedures.

We have a rig scheduled for the month of November 1997. Plans are to proceed with these procedures after the 15th. Please give us until the 15th of December 1997 to complete this project.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Chester L. Deal

TITLE

Superintendent

DATE

09/29/97

TYPE OR PRINT NAME

TELEPHONE NO. (505) 632-8056

(This space for State Use)

APPROVED BY

Johnny Robinson

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

OCT - 1 1997

CONDITIONS OF APPROVAL, IF ANY:

CHATEAU OIL AND GAS, INC.
Dk P&A AND WELL RECOMPLETION PROCEDURE

SEPTEMBER 23, 1997

Well Name: Con Hale N0. 3-E
Location: 1,553' FSL & 1,520' FEL
Sec. 26, T26N, R8W
San Juan Co., New Mexico
Elevation: 6,929' GL, 6,941' KB
Casing: 8-5/8", 24#, ST&C set at 270'
5-1/2", 17# and 15.5#, LT&C and ST&C set at 7,320'
Cement: 1st stage: 390 sx 50/50 poz, 2% gel, 1/4# cello flake / sx.
2nd stage: 610 sx 65/35 poz, 6% gel, 1/2 cu. ft. perlite / sx.
Tail - in w/ 100 sx 50/50 poz w/ additives.
3rd stage: 680 sx 65/35 poz, 6% gel, 1/2 cu. ft. perlite / sx.
Tail - in w/ 100 sx 50/50 poz w/ additives.
DV Tools: 2,848' and 5,346'

Dakota P&A Procedure:

1. Install and test rig anchors. Prepare work pit. Comply with all NMOCD, BLM, and Chateau safety rules and regulations.
2. MIRUSU. Conduct tail gate safety meeting for all personnel on location. Install BOP and stripping head. Test BOP.
3. TOH w/ production string. TIH w/ 2-3/8" work string and 5-1/2" casing scraper to 7,285' or at least to top Dk perfs. TOH w/ work string.
4. TIH w/ cement retainer to 7,000'. **Plug - Squeeze DK w/ 65 sx Class B cement. (100% excess) Sting out of CR. Spot 5 sx class B cement on top of retainer.** TOH w/ work string.

Recompletion Procedure:

1. Wireline set a tubing retrievable bridge plug at 6,700'. Pressure test casing to 3,000 psi.
2. Perf. Tocito from Neutron Log w/ 1 SPF, .38" dia. Perfs. as follows: 6,646' - 6,624', 6,606' - 6,591'. (39perfs.) Break down w/ 1% KCL wtr. and shut down to obtain an ISIP.

Recompletion Procedure Continued:

3. Pump down 5-1/2 csg. w/ 500 gal. 7-1/2% HCL w/ 59 ball sealers spaced evenly in the acid. Displace w/ 1% KCL.
4. Run junk basket & clear perfs.
5. Frac down casing w/ 30# gel containing 1% KCL & 1 gal. surfactant per 1,000 gal. as follows:
 - a) Pump 15,000 gal. pad.
 - b) Pump 10,000 gal. 1 PPG 20-40 sand.
 - c) Pump 15,000 gal. 2 PPG 20-40 sand.
 - d) Displace w/ 159 bbl. 1% KCL wtr. Rate 40 BPM @ 2,200 to 2,800 psi. 600 bbls. W/ 1% KCL wtr. 953 bbl. 30# gel wtr. 40,000 # 20-40 sand.
6. Wireline set a tubing retrievable bridge plug at 6,570'. Pressure test to 6,000 psi.
7. Perf. Gallup from Neutron Log w/ 1 shot per four feet, .38" dia. perfs. as follows: 6,504 - 6,490', 6,486 - 6,456', 6,424 - 6,358', 6,322 - 6,296', 6,268 - 6,250', and 6,236 - 6,187' (59 perfs). Break down w/ 1% KCL wtr. & shut down to obtain an ISIP.
8. Pump down 5-1/2" casing w/ 1,000 gal. 7-1/2% HCL w/ 89 ball sealers spaced evenly in the acid. Displace w/ 1% KCL.
9. Run junk basket & clear perfs.
10. Frac down casing w/ 30# gel containing 1% KCL & 1 gal. surfactant per 1,000 gal. as follows:
 - a) Pump 30,000 gal. pad.
 - b) Pump 25,000 gal. 1 PPG 20-40 sand.
 - c) Pump 35,000 gal. 2 PPG 20-40 sand.
 - d) Displace w/ 155 bbl. 1% KCL wtr. Rate 40 BPM at 2,600 to 3,000 psi. 600 bbl. w/ 1% KCL. 2,143 bbl. 30# gel wtr. 95,000# 20-40 sand.
11. Clean up Gallup & retrieve bridge plug at 6,570'. Clean out to 6,700'. Retrieve bridge plug. Clean out to top of Dakota Plug. Swab or flow test well to obtain gas and fluid rates.