

UNITED STATES
DEPARTMENT OF THE INTERIORS
BUREAU OF LAND MANAGEMENT

N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires: November 30, 2000

5. Lease Serial No.
NM-16336
6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Harris Fed Com 1

9. API Well No.

30-005-61902

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Chaves

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

RECEIVED

2. Name of Operator

NOV 03 2004

DOB-ARTESIA

Dominion Oklahoma Texas E&P, Inc.

3a. Address Suite 600
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330' FNL & 2310' FWL, Sec. 21-15S-29E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Dominion request permission to P&A the Harris Federal Com 1, per the attached procedure.

In Step 1- Cement plug shall be placed opposite all open perts. and extend a minimum of 50' above to 50' below the perforated interval #362-1785.
In lieu of the cement a CIBP is acceptable set 50' above the uppermost pert. @ with 35' of cement on top.
In Step 6 - After perforating @ 381' squeeze the backside of the 4 1/2" with sufficient cement to circ. to snaf.

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

Name (Printed/Typed)

Carla Christian

Title Regulatory Specialist

Signature

Carla Christian

Date 10/19/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

RL Lopez

Title PE

Date 10/29/04

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office RFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted for record - NMOCD

Plug & Abandon Procedure
HARRIS FEDERAL COM # 1
330' FNL & 2,310' FWL, Sec. 21, T-15-S, R-29-E
Chaves County, New Mexico
API# 30-005-61902, G.L. Elev.: 3,823'

1. Obtain verbal approval from the New Mexico Oil Conservation Division in Artesia, New Mexico & the BLM to commence P&A operations. Note details of verbal approval on daily report.
2. Blow down tbg. & tbg.-csg. annulus. MIRU WOR. Set tank for displacement and lay lines. **All displacement fluid to be a salt gel mud consisting of 10# brine w/ 25# of gel per bbl.** ND wellhead. NU BOP.
3. Place end of tbg. @ 1,720'. RU cementing company equipment. Mix and pump 25 sx cement to spot a 100' cement plug from 1,620' to 1,720', pull tbg. above cement plug, reverse circulate to clean tbg. WOC & tag cement top to verify depth. Load hole via tbg. w/ 10 ppg mud as noted above. POOH w/ tbg. standing back 900' and laying down the remainder.
4. RU Schlumberger ELU with packoff only, run 3-1/8" HSC gun, perforate four (4) squeeze holes @ 900'.
5. Attempt to breakdown perfs. down the 4-1/2" casing. If successful, EIR w/ FW, mix and pump 35 sx. cmt. Displace cmt. w/ 10 ppg mud (as noted above) to 800' (100' above sqz. perfs.). Shut-in well and wait on cement. GIH w/ slickline and tag cement top to verify depth.
 - If unable to breakdown perfs. via 4-1/2" casing: GBIH w/ tbg. and a 4-1/2" squeeze packer and cement w/ 35 sx. as in Step 5 above.
6. RU Schlumberger ELU with packoff only, run 3-1/8" HSC gun, perforate four (4) squeeze holes @ 381'.
7. Attempt to breakdown perfs. down the 4-1/2" casing. If successful, EIR w/ FW, mix and pump 30 sx. cmt. Displace cmt. w/ 10 ppg mud (as noted above) to 281' (100' above sqz. perfs.). Shut-in well and wait on cement. GIH w/ slickline and tag cement top to verify depth.
 - If unable to breakdown perfs. via 4-1/2" casing: GBIH w/ tbg. and a 4-1/2" squeeze packer and cement w/ 30 sx. as in Step 7 above.
8. RU Schlumberger ELU with packoff only, run 3-1/8" HSC gun, perforate four (4) squeeze holes @ 60'. RD ELU.
9. Breakdown perfs. down the 4-1/2" casing & establish circulation at surface. EIR w/ FW, mix and pump 25 sx. cmt. to spot a surface plug from 0' to 60'. RDMO cementing equip. and WOR.
10. Cut off casing 3' BGL, weld on steel ID plate, clean and restore location, install above-ground permanent marker as per State of New Mexico specs (**attached**).

MKT 10/18/2004

MKT

19.15.4.202 PLUGGING AND PERMANENT ABANDONMENT

A. Notice of Plugging

(1) **Notice of intention to plug must be filed with the Division on Form C-103, Sundry Notices and Reports on Wells, by the operator prior to the commencement of plugging operations,** which notice must provide all of the information required by Rule 1103 including operator and well identification and proposed procedures for plugging said well, and in addition the operator shall provide a well-bore diagram showing the proposed plugging procedure. Twenty-four hours notice shall be given prior to commencing any plugging operations. In the case of a newly drilled dry hole, the operator may obtain verbal approval from the appropriate District Supervisor or his representative of the method of plugging and time operations are to begin. Written notice in accordance with this rule shall be filed with the Division ten (10) days after such verbal approval has been given.

B. Plugging

(1) Before any well is abandoned, it shall be plugged in a manner which will permanently confine all oil, gas and water in the separate strata in which they are originally found. This may be accomplished by using mud-laden fluid, cement and plugs singly or in combination as approved by the Division on the notice of intention to plug.

(2) **The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches (4") in diameter set in cement and extending at least four feet (4') above mean ground level. The operator name, lease name and well number and location, including unit letter, section, township and range, shall be welded, stamped or otherwise permanently engraved into the metal of the marker.** No permanent structures preventing access to the wellhead shall be built over a plugged and abandoned well without written approval of the OCD. No plugged and abandonment marker shall be removed without the written permission of the OCD.

(3) As soon as practical but no later than one year after the completion of plugging operations, the operator shall:

- (a) fill all pits;
- (b) level the location;
- (c) remove deadmen and all other junk; and
- (d) take such other measures as are necessary or required by the Division to restore the

location to a safe and clean condition.

(4) Upon completion of plugging and clean up restoration operations as required, the operator shall contact the appropriate district office to arrange for an inspection of the well and location.

(5) **Below-ground plugged and abandonment markers can be used only with written permission of the OCD when an above-ground marker would interfere with agricultural endeavors. The below-ground marker shall have a steel plate welded onto the surface or conductor pipe of the abandoned well and shall be at least 3 feet below the ground surface and of sufficient size so that all the information required by Section 103 of 19.15.3 NMAC can be stenciled into the steel or welded onto the surface of the steel plate. The OCD may require a re-survey of the well location.**

C. Reports

(1) The operator shall file Form C-105, Well Completion or Recompletion Report and Log as provided in Rule 1105.

(2) Within thirty (30) days after completing all required restoration work, the operator shall file with the Division, in triplicate, a record of the work done on Form C-103 as provided in Rule 1103.

(3) The Division shall not approve the record of plugging or release any bonds until all necessary reports have been file and the location has been inspected and approved by the Division.

[1-1-50, 7-12-90...2-1-96; A, 3-31-00; 19.15.4.202 NMAC - Rn, 19 NMAC 15.D.202, 12-14-01]

DOMINION EXPLORATION & PRODUCTION

HARRIS FEDERAL COM # 1

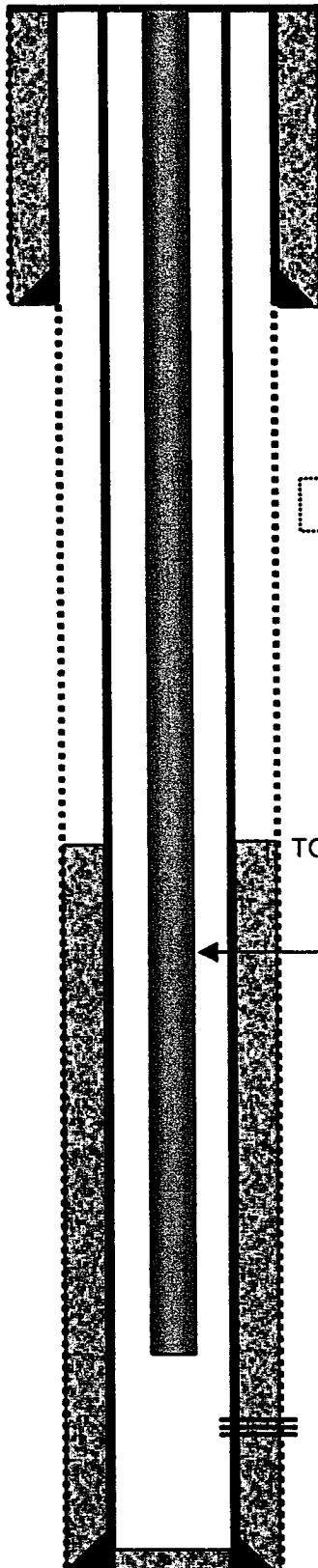
SPUD: 01/11/83
COMPLETED: 01/29/83

SEC: 21, T-15-S, R-29-E, Chaves Co., New Mexico
API: 30-005-61902

ELEV.: 3,823' GL

NOTE: Unless Stated All Depths
are Measured.
NOT DRAWN TO SCALE.

PRESENT



12-1/4" hole

8-5/8", 20#, H-40 CSA @ 331'.
Cmt.d w/ 200 sx. Circ. to surf.

7-7/8" hole

TOC @ 1,100' (TS).

57 jts of 2-3/8" tbg.

Queen perfs.:

1,726', 28', 30', 32', 34' & 35' (2 SPF - 12 Shots).
Frac w/ 12,000# 20/40 & 8,500# 10/20 sand.
Test: 108 MCFPD & 10 BWPD w/ 10# FTP.
1/29/83.

TD: 1,805'

4-1/2", 9.5#, J-55 CSA 1,805'.
Cmt. w/ 150 sx.

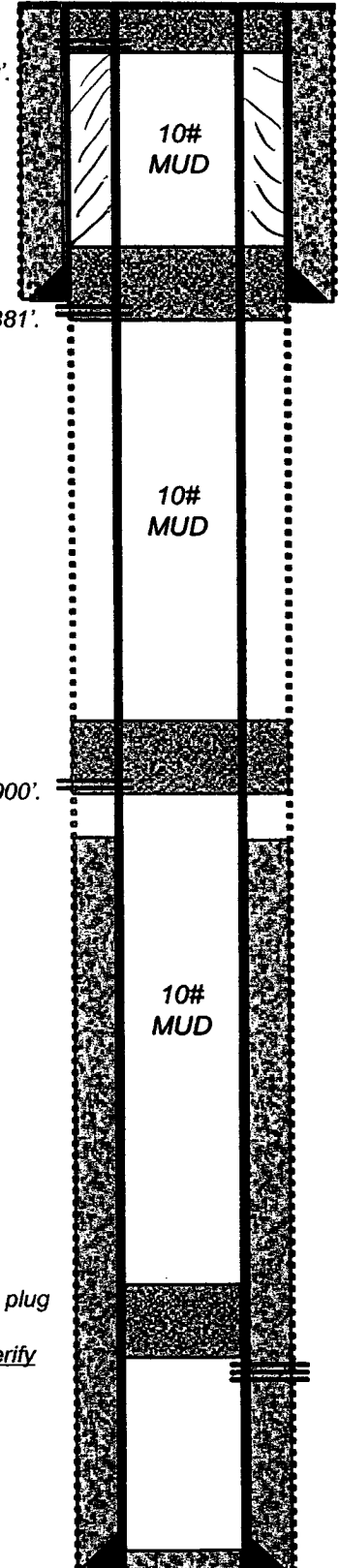
Plug # 4: Perf. 4 sqz. holes @ 60'.
Sqz. w/ 25 sx. TOC = Surface.

Plug # 3: Perf. 4 sqz. holes @ 381'.
Sqz. w/ 30 sx. Est. TOC = 281'
inside csg. & annulus.
WOC & tag cement top to verify
depth.

Plug # 2: Perf. 4 sqz. holes @ 900'.
Sqz. w/ 35 sx. Est. TOC = 800'
inside csg. & annulus.
WOC & tag cement top to verify
depth.

Plug # 1: Spot 100' cement plug
1,620'-1,720' w/ 25 sx.
WOC & tag cement top to verify
depth.

PROPOSED



10#
MUD

10#
MUD

10#
MUD

MKT 10/18/04