

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

30-025-24617

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Chambers

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

Merit Energy Company OGRID 14591

3. Address of Operator

12222 Merit, Dallas, Texas 79701

8. Well No. 1

9. Pool name or Wildcat

Northeast Shoe Bar (Strawn)

4. Well Location

Surface

BHL Unit Letter O : 555 feet from the South line and 2085 feet from the East line

Section 7

Township 16S

Range 36E

NMPM Lea

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3968 GR

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 ☐ MULTIPLE COMPLETION ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Please see attached detail of work performed by Merit Energy Company 10/21/97 thru 1/20/98. Merit filed a C-101 Application for Permit to deepen directionally dated 9/18/97, the C-101 was approved 9/22/97 but Merit failed to file the needed C-104. Completion nor any Sundry Notices detailing the work actually completed by Merit. Permian Resources, Inc. took acquisition effected 5/1/2001. This information is compiled from Merit's well files conveyed to Permian, therefore the accuracy of such information can not be guaranteed by Permian Resources, Inc.

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

SIGNATURE Barbara Watson TITLE Agent DATE 01/02/2002

Type or print name Barbara Watson  
(This space for State use)

Telephone No. 915/685-0113

APPROVED BY PETER R. KAUTZ TITLE PETROLEUM ENGINEER DATE JAN 30 2002

Conditions of approval, if any:

7A N Shoebar Wolfcamp

## Permian Resources, Inc

### Chambers No. 1

#### **Merit Energy Company Workover Report to Directionally Deepen Wellbore from the North Shoe Bar (Wolfcamp) Pool to the Northeast Shoe Bar (Strawn) Pool**

NMOCD Form C-101 Filed by Merit Energy Corporation dated 9/18/97, approved 9/22/97

#### Existing Surface Location

555' FSL & 2,085' FEL  
Section 7, T16S, R36E  
Lea County, New Mexico

#### Proposed Bottom Hole Location

985' FSL & 1,837' FEL  
Section 7, T16S, R36E  
Lea County, New Mexico

#### Existing Hole Sizes, Casing Sizes and Cement

17-1/2" hole @ 365'      13-3/8" 48 #/ft casing @ 365'

Cmt w/ 400 sx Class "H" w/ 2% CaCl. Circ 35 sx to surface.

12-1/4" hole @ 4,160'      9-5/8" 36 & 40 #/ft casing @ 4,159'

Cmt w/ 350 sx HLW lead + 250 sx "C" + 2% CaCl tail. TOC by TS @ 1,400' FS.

8-3/4" hole @ 11,600'      4-1/2" 10.5 & 11.6 #/ft casing @ 10,710'

Cmt w/ 1,200 sx "C" + 50/50 pozmix w/ 8 #/sx salt, 1/4 1% CFR2. TOC by TS @ 7,358'.

Spotted 56 sx Class "H" plug in open hole @ 11,400' for plugback.

### Detailed Activity Report

Beginning Date 10/21/97

10/21/97      MIRU Sierra Well Service Unit. NDWH & POOH and lay down FG rods. SDON

10/22/97      Continue laying down 114 FG rods & 249 7/8' steel rods. NUBOP. POOH w/ 2-3/8" tbg. SDON

10/23/97      Finish POOH w/ 2-3/8" 8rd and NU-lock tbg. RIH w/ 3-3/4" Bit and scrapper to PBTD @ 10,642'. POOH & PU 4-1/2" CICR and begin RIH. SDON

10/24/97      RIH w/ remainder of tbg & set CICR @ 10,411'. RU BJ & Squeeze Lower Wolfcamp perfs 10,450-475' & 10,520-530' with 50 sx Class "H" + 100 sx Class "H" w/ .6 % FL62 + .2% R3. Max rate 3.5 BPM. Max pressure 3,500#. Sqzd w/ 6 bbls cmt in tbg. POOH retainer and POOH w/ 700' tbg. Pump 6 bbls cmt into upper Wolfcamp perfs 10,269-312' & 10,326-329' w/ 160 bbls FW. Well on vac. SDON

10/25/97      PU 4-1/2" CICR and set CICR @ 10,228'. Squeeze Upper Wolfcamp perfs 10,269-312' & 10,326-329' w/ 50 sx Class "H" + 50 sx Class "H" w/ .6 % FL62 + .2% R3. Max rate 3.5 BPM. Max pressure 3,500#. Sqzd w. 6 bbls cmt in tbg. Reverse out cement to pit. WOC. SDFWE.

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10/27/97 PU 3-7/8" bit, 10 – 3-1/8" collars and tbg and RIH tag cmt @ 10,228'. Drlg cmt to 10230'. SDON

10/28/97 Resume drlg cmt, CICR and cmt to 10,400'. Test sqz of Upper Wolfcamp perms to 500 psi. Held OK. Return to drlg cmt & lower CICR. TOOH for bit. Change bit & TIH return to drlg CICR and cmt to 10,469'.

10/29/97 Test sqz of Lower Wolfcamp perms to 500 psi. Leak off 100 psi in 35 mins. GIH and tag @ 10642'. Drlg to 10667' and lost cones off bit. POOH and RIH w/ shoe & washpipe. Cut 2' plug over cones and recover cones, part of retainer, rod pump hold down & DC clamp.

10/30/97 RIH w/ 3-7/8" bit and drlg out old float collar in 4-1/2" casing, 44' of cement, float shoe and 30' of cement below shoe to 10,800'. POOH w/ bit & RIH open ended. Spot 70 sx Class "H" + 1% CO-31, 17.5 ppg, **plug at 10,800 to kick off directional hole.** POOH w/ tbg & WOC.

10/31/97 PU bit and RIH tag TOC @ 10,104'. Drlg gas cut cmt w/ voids to 10,500'. Continue to drlg cmt 10700 – 10760' drlg @ 1 ft per 1-1/4 min but not hard enough to KO directionally. DO 1<sup>st</sup> cmt plug to 10,816'.

11/1/97 Continue to DO cmt plug, circ mud, gas & oil out of hole at 11,290'. Lost circ. POOH and RIH open ended. Mix and spot 90 sx Class "H", 17.4 ppg cmt plug w/ EOT @ 10,933'. WOC.

11/2/97 RIH w/ bit and tag TOC @ 10,623'. Drlg cmt to 10,760'. TOOH.

11/3/97 Continue TOOH and SLM tbg. Run Gyro survey. TIH and drlg cmt from 10710 to 10760'. Circ clean. TOOH and PU MWD tools, motor & bit.

11/4/97 Finish TIH w/ directional drlg tools. Tag TOC @ 10760'. Time drlg w/ directional tools attempting to KO cmt plug and build angle.

11/5/97 POOH w/ tbg & BHA to check motor. RIH w/ new bit & x-change motor. Return to time drlg.

11/6/97 Continue time drlg @ 1 ft/hr. Unable to KO cmt plug due to bad plug. Drlg inside old open hole.

11/7/97 **Lay down directional tools and motor.** RIH w/ kill string. SDFWE *Per Mike Steward they did not directional drill.*  
11/10/97 PU 3-7/8" bit, 10 - collars and 2-3/8" work string and drill vertically to 10840'. Circ clean and POH inside 4-1/2" csg. SDON.

11/11/97 Resume drlg vertically inside old hole. Tag TOC plug @ 10896' and drlg to original TD @ 11,600'. Circ hole clean & POOH w/ tbg & BHA. SDON.

11/12/97 Attempt to log open hole section. Unable to go down past 10870. POOH & RD loggers. RIH w/ kill string & SDON.

11/13/97 PU and RIH w/ 1106' of 2-7/8" Hydrill, 8.7#/ft, N-80 liner on 2-3/8" tbg. Set liner top @ 10,466' and bottom @ 11,581'. Cement w/ 280 sx Class "H" + 2% salt + 1% FL-62 + 2/10% SM + 15% R-3 + 3/10% CD-32. Reverse out 15 bbls (70 sx) cmt WOC.

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11/15/97 POOH w/ kill string. PU 3-7/8" bit, 6 – 3-1/2" collars and RIH on 2-3/8" work string. Tag TOC & 10359'. Drlg out cmt to top of liner @ 10465'. Circ clean & POOH w/ tbg & BHA.

11/17/97 PU 2-1/8" blade bit, 1244' 1-3/4" work string, x-over & 2-3/8" work string & RIH. Tag liner top @ 10465' and drlg liner top cmt, top plug, bottom plug to 11475'. Bit plugged. Begin to POOH w/ work string & bit. SDON.

11/18/97 Continue POOW w/ workstring & bit. PU 2-1/4" MT bit & TIH. Tag cmt @ 11475' and drlg to 11540' and circ hole clean. SDON

11/19/97 POOH w/ bit and workstring. Run CBL and GR log. PU and RIH w/ packer and begin RIH w/ 2-3/8" production tbg testing to 6000#. SDON

11/20/97 Finish RIH w/ pkr & tbg. Displace hole w/ 2% KCL. Set pkr @ 10,437'. RU Halliburton & perforate Strawn formation 11,484 to 11,499' w/ 4 SPF. SION.

11/21/97 FL increase 2500' over night. Swb well down to 8,000' FS w/ good gas show and 10% oil cut. RU BJ and acidize Strawn perms 11,484 to 11,499' w/ 36 bbls (1,500 gals) 15% NEFE dropping 3 balls per bbl for 30 bbls of acid. 1.2 BPM @ 5650#. Begin flush @ 1.4 BPM @ 5400#. With 11 bbls acid in formation pressure broke from 5300# to 2400#. Increase rate to 3 BPM @ 900#. ISIP Vac. SDON

11/22/97 IFL @ 3500' FS. Make 50 swb runs. Swb 200 bbls fluid w/ FL from 2500' to 8500'. Oil cut 25-50% w/ good gas. Well trying to flow last two runs. SDFBU.

11/24/97 SITP 540#. Ran BHP test. Flow well down to tank. Resume swabbing. IFL @ 3500'. Make 12 swb runs. Swb 150 bbls fluid. SDON.

11/25/97 IFL @ 3000' FS. Make 8 swb runs. Well trying to flow. Kill well. NUBOP & POOH w/ tbg and pkr. PU 2 jt MA, perf sub, SN, 4 jts tbg, TAC and 2-3/8" prod tbg RIH. EOT @ 10371', PS @ 10306', SN @ 10305' & TAC @ 10178'. SDON

11/26/97 PU 2'x1-1/2'x6'x30' RHBC pump and RIH on 164 – 7/8" steel rods + 161 – 1" FG rods + 2 – 7/8" steel rods + 12' 7/8" steel subs + 1-1/2" x 26' PR. POP @ 6 SPM x 122" SL.

11/27/97 SD. No activity reported.

11/28/97 RD Clean location. Well not pumping load & test.

11/29/97 72 BO, 22 BW, 58 MCF

11/30/97 0 BO, 0 BW, 35 MCF. Well not pumping.

12/3/97 RU & POOH w/ rods & pump. SDON

12/4/97 RIH w/ R&R pump & hit tight spot @ 3780'. POOH w/ rods & pump. NDWH, NUBOP and POOH w/ tbg to 4100'. Found crimped jt tbg. Layed down 7 jts & PU 7 jts L-80. RIH w/ tbg. NDBOP & NUWH. Begin RIH w/ pump & rods.

12/5/97 RIH w/ remaining rods. HO rods. Seat pump, space out & hang off. Well pumping. RD

12/6/97 thru 1/7/98

No report of production tests

1/8/98 MIRU Pulling unit.

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1/12/98 POOH w/ kill string. RIH w/ 4-1/2" pkr, 345 jts 2-3/8" tbg testing tbg. Set pkr @ 10275' & NUWH. RU BJ and acidize Strawn perforations 11,450-462' w/ 36 bbls (1500 gals) 15% NEFE