

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**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.*5. Lease Serial No.
NMNM027994A
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**7. If Unit or CA/Agreement, Name and/or No.
NM061P3585C537

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other8. Well Name and No.
MOBIL 22 FED 1

2. Name of Operator

VERNON E FAULCONER INC

Contact: KAREN CHARLES

E-Mail: kcharles@vefinc.com

9. API Well No.

30-015-21227-00-S1

3a. Address

TYLER, TX 75711

3b. Phone No. (include area code)

Ph: 903-581-4386 Ext: 233

Fx: 903-581-1515

10. Field and Pool or Exploratory Area
S CARLSBAD

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

Sec 25 T23S R26E SENW 1980FNL 1980FWL

11. County or Parish, State

EDDY COUNTY, NM

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

We are requesting approval to P&A this well.

It has stopped producing and has been shut in for a year.

Attached to this Sundry Notice is our proposed plugging procedure, along with current and proposed wellbore diagrams.

RECEIVED

GC 4/15/19
Accepted for record - NMOCD

APR 12 2019

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

DISTRICT II-ARTESIA O.C.D.

| | |
|--|--------------------------|
| 14. I hereby certify that the foregoing is true and correct. | |
| Electronic Submission #458829 verified by the BLM Well Information System For VERNON E FAULCONER INC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 03/21/2019 (19PP1439SE) | |
| Name (Printed/Typed) KAREN CHARLES | Title PRODUCTION ANALYST |
| Signature (Electronic Submission) | Date 03/21/2019 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------------------|---------------------|
| Approved By <u>James C. Amos</u> | Title <u>SAET</u> | Date <u>3-30-19</u> |
| 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 <u>CFO</u> |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

P&A Procedure for the Mobile Federal #1

1. Kill well with 9.0ppg mud
2. MIRU rig. ND prod tree & NU BOP's.
3. Release packer & POOH w/ tbg & packer BHA
4. RU e-line & RIH w/ CIBP & set CIBP @ 11,510' *50-100' above upper Perf. 11424.*
5. RIH w/ dump bailer & spot 2-1/2" Class H cement on top of CIBP w/ TOC @ 11,490' *Spot cnt to 11372*
6. RIH w/ tbg to 11,485' and circ wellbore w/ 9.0ppg mud.
7. PU tbg to 6594' and spot balanced 23sxs Class H cement plug at 6594'-6424' *25 sx min. 6394 WOC Tag*
8. PU tbg to 5425' and spot balanced 20sxs Class H cement plug at 5425'-5275'. POOH w/ tbg. *25 sx. 5350-5350. Tag.*
9. RU e-line & RIH w/ jet cutter & cut 5-1/2" casing at 650'.
10. POOH w/ cut 5-1/2" casing.
11. RIH w/ tbg to 650' and spot balanced 47sxs class H cement plug at 650'-540'. PU tbg to 400'. *WOC Tag 700*
12. RIH w/ tbg to 540' & tag cement.
13. PU tbg to 33' and spot balanced 13sxs Class H cement plug at 33'-3'. *60' - surf.*
14. Cut off wellhead/all casings 3' below ground level and weld a steel plate over all casings and erect a marker monument. Clear off and restore well location per BLM guidelines.

NOTE: All Class H cement will be 16.4ppg

(25 sx min. class H.)
 * Add Plugs. Spot from 10200 - 10000. (T/canyon)
 Perf/SQZ ~~Spot~~ from 8714 - 8514. (T/Wolfcamp)
 WOC Tag,

* Add Plug Perf just above tag @ 5350., SQZ
 cnt (Class C) from 5350 - 5200. WOC Tag

Perf @ 1988, SQZ cnt to 1868. WOC Tag
 (T/Del)

Perf @ 1620, SQZ cnt to 1500. WOC Tag
 (B/Salt)

Perf @ 1000, SQZ cnt to 900. WOC Tag
 (T/Salt)



VERNON E. FAULCONER, INC.

Downhole Schematic



| | | |
|---|-------------------------|-------------------|
| WELL NAME: Mobile Federal #1 | FIELD: Carlsbad | API: 30-015-21227 |
| LOCATION: 1980' FNL, & 1980' FWL; Sec 25, T23S, R26E; Eddy County, NM | | |
| UNIT#: 8963 | DATE: 20 MAR 19 | SPUD: 11 JUL 74 |
| Prepared by: N. P. Mares | Revised by: N. P. Mares | |

CURRENT WELLBORE

NOTE: All depths are RKB otherwise noted

GL Elev: 3227'
DF Elev: 3243'
KB Elev: 3245'
RKB: 18'
BHT@ 185° F

13-3/8" 48#, 54.5#, & 60# H-40 & J-55 ST&C csg @ 595' w/ 17-1/2" hole 300 sks Class C, 400 sks Class C, circ 200 sks to surface

9 5/8" Csg Patch @ 1060
cmt to surf

Any 490
T/sat 947
B/sat 1570
Del 1935 1938
Cherry 2773
Brushy 3154

TOC @ unknown

5400 TOC 12/17/84
BS 5270 5254
WC 8617 8664
Cyn 10132 10334
ST 10451 10334

2-3/8" 4.7# N-80 EUE 8rd and VAM tbg

9-5/8" 36# & 40# @ 5350' w/ 12-1/4" hole; cmt 300sks Lite, 200 sks Class C (did not circ). Circ cmt w/ 175 sks Class C at surface via 3/4" tbg

4527
AT 10769 10867
MR 11293 11412

DV Tool @ 6509' cmt'd w/ 500sks cmt

TOC @ 8,770' Stage 1 from CBL

NOTE: Tbg is collapsed @ 8834. Confirmed by impression block during SLU investigation on 14 DEC 17. Plunger trapped below the collapse. NOTE: Well had been ID'd w/ csg leak over 7yrs ago.

"F" CS set @ 11405', 2' extension rod set @ 11403', 2" VEFI BHS set @ 11401', & 2" VEFI BP-11 plunger set @ 11399'. NOTE: tbg perf'd from 11403' to 11405' w/ 8 holes w/ EH=0.25"

On/Off Tool @ 11405' w/ x profile ID=1.875", w/ "F" CS, BHS & plunger on top of x profile

PLS pkr ID=1.970" @ 11406'

2jts of 2-3/8" 4.7# N-80 EUE 8rd tbg

Differential Bar Pressure vent set @ 11,474' 1/4" SS 2205 Cap string set @ 11,474' w/ DCIM-2000 ck vlv

Mechanical tbg release 1.88" latch, set @ 11477'

1jt 2-3/8" 4.7# N-80 EUE 8rd tbg

Mechanical firing head

Gun Safety spacer

Upper Morrow Perfs (03 OCT 11): 11524'-31, 11592' - 600', & 11644'-48 6spf 3-3/8" TCP gun; acidized w/ 2,000gals of 7-1/2% NEFeHCL w/ adds

3-3/8" VANN TCP Millennium perf gun w/ bull plug on bottom, End of assembly @ 11649'

CIBP set @ 11795' w/ 2-1/2" sk cmt on top w/ TOC @ 11,775' 20' cep.

Baker Model DB pkr w/ Model G 40-26 Locator set @ 11,769'. See current well setting info above

Lower Morrow Perfs: (12/20/84) 11,884'-890' 1-11/16" Posi-Jet, 1 hole/f. tStim: (12/21/84) Acidized w/2500 gals. 7-1/2% MSA w/1000 scf N2/bbl.(12/31/84) Frac'd w/50M# 20-40 west prop, CO2 and GFF. Test: (1/15/85) 18/64" ck, 1833 MCFD, 1070# FTP. CAOF: 3371 MCFD. BMR / Recv: 1394 MCFD / 1496 MMCF, 0 MBC

OPBTD @ 11,950'

5-1/2" 15.5# & 17# csg @ 11,957' w/ 8-3/4" hole stg 1: 575 sks Hal Lite, 300 sks Class H; DV stg 2: 150sks Hal Lite, 350 sks Class H

TD @ 11,957'



VERNON E. FAULCONER, INC.

Downhole Schematic



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| UNIT#: 8963 | DATE: 20 MAR 19 | SPUD: 11 JUL 74 |
| Prepared by: N. P. Mares | Revised by: N. P. Mares | |

PROPOSED WELLBORE

NOTE: All depths are RKB otherwise noted

GL Elev: 3227'
DF Elev: 3243'
KB Elev: 3245'
RKB: 18'
BHT@ 185° F

13sxs Class H balanced cmt plug from 33'-3' for surface plug

13-3/8" 48#, 54.5#, & 60# H-40 & J-55 ST&C csg @ 595' w/ 17-1/2" hole 300 sks Class C, 400 sks Class C, circ 200 sks to surface

Cut csg 650' & 47sxs Class H balanced cmt plug from 650'-540' for surface shoe plug

NOTE: All Class H cement will be 16.4ppg

TOC @ unknown

20sxs Class H balanced cmt plug from 5425'-5275'
9-5/8" 36# & 40# @ 5350' w/ 12-1/4" hole; cmt 300sks Lite, 200 sks Class C (did not circ). Circ cmt w/ 175 sks Class C at surface via 3/4" tbg

23sxs Class H balanced cmt plug from 6594'-6424'
DV Tool @ 6509' cmt'd w/ 500sks cmt

TOC @ 8,770' Stage 1 from CBL

CIBP set @ ~~11510'~~ ¹¹⁴²⁴ w/ ~~2-1/2 sxs~~ ^{25 sf} Class H cmt on top w/ TOC @ ~~11490'~~ ¹¹³⁷²

Upper Morrow Perfs (03 OCT 11): 11524'-31, 11592' - 600', & 11644'-48 6spf 3-3/8" TCP gun

CIBP set @ 11795' w/ 2-1/2 sk cmt on top w/ TOC @ 11,775'
Baker Model DB pkr w/ Model G 40-26 Locator set @ 11,769'. See current well setting info above

Lower Morrow Perfs: (12/20/84) 11,884'-890' 1-11/16" Posi-Jet, 1 hole/f.

OPBTD @ 11,950'
5-1/2" 15.5# & 17# csg @ 11,957' w/ 8-3/4" hole stg 1: 575 sks Hal Lite, 300 sks Class H; DV stg 2: 150sks Hal Lite, 350 sks Class H

TD @ 11,957'

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.