

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOCD

Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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.
NMNM 18209
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Vanguard Operating, LLC

3a. Address
5847 San Felipe St., Ste. 3000, Houston, TX 77057

3b. Phone No. (include area code)

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

8. Well Name and No.
Mildred XD Federal #1

9. API Well No.
30-005-61984

10. Field and Pool or Exploratory Area
Pecos Slope; ABO

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

T.7S R.23E. Section 33 NENE 330' x 380' PEL

11. Country or Parish, State
Chavez County New Mexico

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"/> Fracture Treat	<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 recomplete 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.)

1. Notify BLM 24 hrs prior to MIRU to P&A. **2745'**
2. Set CIBP @ **2754'** RIH w/tbg tag CIBP, circ hole w/MLF, test csg, spot 25 sx cmt @ **2745'-2645'** WOC & TAG. **900'**
3. Perf @ **1150'** sqz 75 sx cmt @ **1150'-1000'** (Glorieta, 10 3/4" SHOE) WOC & TAG. **Shoe + Glorieta must be sealed.**
4. Perf @ 400 circ cmt to surf via 4 1/2" & 4 1/2" x 10 3/4" csg annulus, WOC, verify cmt @ surf.
5. RD P&A equip, cut off wellhead, install dry hole marker, clean location, move off.

GC 5/13/19
Accepted for record - NMOCD

RECEIVED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

MAY 02 2019

DISTRICT II-ARTESIA O.C.D.

RECEIVED Bureau of Land Management
APR 29 2019 PM 1:30

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Justin Bagley

Title Agent

Signature

Date 04/26/2019

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

APR 30 2019

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.

Title

Date

Office

BUREAU OF LAND MANAGEMENT
ROSWELL FIELD OFFICE

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)

LEASE/WELL: MILDRED XD FEDERAL #1
 LOCATION 330' FNL & 3801' FEL
 A-SEC 33-T07S-R23E
 CO/ST: CHAVES COUNTY, NEW MEXICO
 FIELD: PECOS SLOPE; ABO
 API NO. 30-005-61984

OR 3835
 SPUDDED 4/24/1983
 COMPLETED 5/15/1983
 LAT 33.6710548
 LONG -104.612686
 FORMATION TOPS PER C-105
 SAN ANDRES SURFACE
 GLORIETA 1008
 ABO 2757

INCLINATION SURVEY DATA	
MD (ft)	Inclination (deg)
398	0.25
755	0.25
1112	0.5
1610	5
2100	0.5
2575	0.75
3023	0.5
3450	0.75

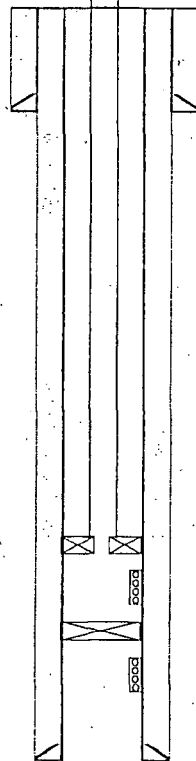
BEFORE P+H

14-3/4" HOLE

10-3/4" 40.5# J-55
 CMT W/ 825 SX.

7-7/8" HOLE

4-1/2" 9.5# J-55
 CMT W/ 480 SX.



ORIGINAL TOC @ 600' BY TS. CMT W/ 450 SX W/ 1". CIRC.

1,100'

RUN 1,500' OF 1" CMT TO SURF W/ 300 SX.

TOC @ 2,108'

2-3/8" J-55 TBG W/ R-4 PKR @ 2,762'

ABO PERFS: 2,795-2,816' (12 HOLES)

RBP @ 2,866'

ABO PERFS: 2,911-2,942' (7 HOLES)
 SWABBED DRY

3,450'

PBTD: 3,410'
 TD: 3,450'

KDZ 01-28-2018

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 A-SEC 33-T07S-R23E
 CO/ST: CHAVES COUNTY, NEW MEXICO
 FIELD: PECOS SLOPE; ABO
 APINO: 30-005-61984

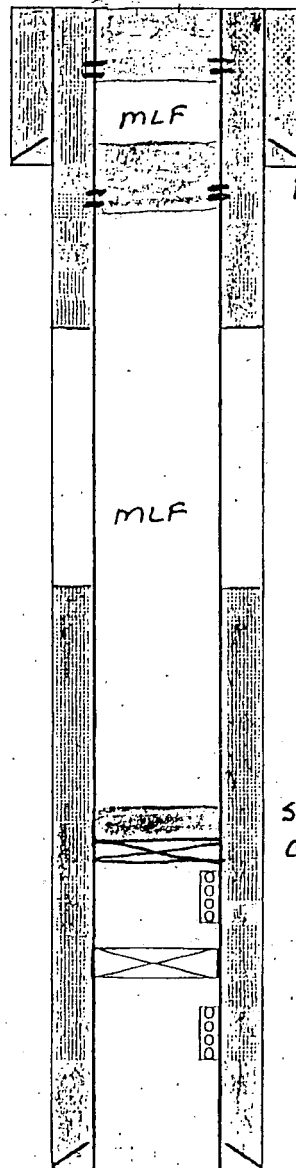
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 CMT W/ 480 SX.



PERF 200' CIRC CMT TO SURF
 VIA 4 1/2" & 4 1/2" X 10 3/4" CSG ANN
 WDC VERIFY CMT @ SURF ON ALL
 STRINGS

PERF 1150' SQ 275X'S
 1150'-1000' WDC & TAG

TOC @ 2,108'

SPOT 20 SX'S CMT 2745'-2645'
 CIBPC 2745'

ABO PERFS: 2,795-2,816' (12 HOLES)

RBP @ 2,866'

ABO PERFS: 2,911-2,942' (7 HOLES)
 -SWABBED DRY

3,450'

PBTD: 3,410'
 TD: 3,450'

**Mildred XD Federal 1
30-005-61984
Vanguard Operating, LLC
April 30, 2019
Conditions of Approval**

- 1. Operator shall place CIBP at 2,745' (50'-100' above top most perf) and place 25 sx of Class C cement on top to seal the Abo Formation. WOC and TAG.**
- 2. Operator shall perf at 1,150' as proposed. Operator shall place a Class C cement plug from 1,150'-900' as proposed to seal the 10-3/4" shoe and the Glorietta Formation. WOC and TAG.**
- 3. Operator shall perf at 400' as proposed. Operator shall place a Class C cement plug from 400' to surface as proposed.**
- 4. See Attached for general plugging stipulations.**

JAM 043019