

## New Mexico Oil Conservation Division, District I

1625 N. French Drive

Hobbs, NM 88240

RECEIVED

Form 3160-5  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 29 2011

HOBBSOCD

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.  
NM-Fee

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**7. If Unit of CA/Agreement, Name and/or No.  
Milnesand Unit8. Well Name and No.  
MSU # 1149. API Well No.  
30-041-4057

10157

10. Field and Pool or Exploratory Area  
Milnesand (San andres)11. Country or Parish, State  
Roosevelt, NM

1. Type of Well

☒ Oil Well☐ Gas Well☐ Other2. Name of Operator  
EOR Operating Company3a. Address  
200 N. Loraine St, Suite 1440  
Midland, TX 79701

3b. Phone No. (include area code)

432-687-0303

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
UL-B, 990' FNL & 1651' FEL  
Sec 12, T'S, R34E**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 recomple 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 recomple 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.)

EOR Operating has completed the plug and abandonment of this well according OCD/BLM compliance.

Please find attached well bore and plugging details.

Start date:10/16/2010

End date:11/09/2010

**Accepted For Record Only! The Plugging Of Wellbore For This Well Located On Fee Land Is Subject To Approval By The New Mexico Oil Conservation Division (NMOCD).**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
L.A. Spittler, Jr.

Title Sr. Well Operations Supervisor

Signature

Date 11/10/2010

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title

Date

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

Title 18 U.S.C. Section 1001 and Title 18 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 or to any matter within its jurisdiction.

(Instructions on page 2)

10/16/10-Road plugging rig to location.

10/18/10-MIRU pulling unit. ND wellhead. NU BOP's.

10/19/10-RU wire line truck. RIH w/ 4 ½" gauge ring. Tag @ 222'. RD wire line truck. TIH w/ open ended 2 3/8" tbg, stacked out @ 222'. TOH w/ tbg. TIH w/ 3 7/8" impression block tagged @ 222'. TOH w/ impression block. Impression block indicated ¾" rods looking up.

10/20/10-TIH w/ tbg and over shot to 222'. Unable to latch onto tbg. TOH w/ tbg. TIH w/ rods & overshot, fished out 8-3/4" rods. TIH w/ tbg to 525'. TIH w/ rods & overshot tag top of fish @ 419'. Unable to latch onto rods. TOH w/ rods & overshot. RU power swivel, washed down to 1297'. RD swivel. TOH with tbg.

10/21/10-PU & TIH with 17 more jts of tbg & back-off tool to 1845'. LD 3 jts of tbg, back-off tool @ 1781'. TIH with baby res overshot & rods to top of fish. Latched onto rods. TOH with 1' piece of ¾" sucker rod. Trip back in hole, latched onto fish. TOH w/ rods & 2' piece of ¾" sucker rod with box. Stand back 5 stands in derrick.

10/22/10-TOH w/ 2 3/8" tbg & 3 7/8" back-off tool. TIH with rods, over socket & tbg overshot to 1781'. Circulate well around. Latched onto rods, pulled 30K over. Rod came loose. TOH with 65-7/8" sucker rods. TIH with tbg. Stacked out @ 1943'. Stand back 5 stands in derrick.

10/25/10-TIH with tbg. Stacked out @ 1943'. RU power swivel. Washed down to 2141'. Latched onto rods. Pulled 30K over. Parted rods. TOH with 3-7/8" sucker rods. Stand back tbg in derrick.

10/26/10-TIH with 3 7/8" impression block. Tag @ 2141'. TOH with impression block. Impression block indicated 7/8" rods looking up. TIH with rod over-socket. Unable to latch onto rods. TOH. TIH with 3 ¾" overshot. 3 1/8" bumper sub, jars, 4-3 1/8" DC's & 2 3/8" tbg to 2141'. Unable to latch onto fish. TOH replaced grapple. TIH to 2141'. RU power swivel. Washed down to 2157'. TOH.

10/27/10-TIH with rod over-socket to 2157'. Unable to latch onto rods. TOH. TIH with tbg & overshot to 2157'. Latched ont tbg. Jarred on tbg until tbg came free. TOH with a 6' piece of 2 3/8" tbg.

10/28/10-TIH with 4 ½" pkr. Set pkr @ 1747'. Established injection rate. Received approval for alternate plugging procedure from OCD rep Max Brown on location. Squeeze 25 sacks of cement w/ 2% Calcium. Displace TOC to 2000'. S.I. w/ 550 psi. SI WOC. Stand back 5 stands in derrick.

10/29/10- RU electric line truck. Tag cement plug @ 1992'. RD electric line truck. Circulated hole with mud. TIH w/ tbg. Circulated hole with mud. TOH w/ tbg. TIH w/ pkr. Located leak in csg between 169' & 222'. Notified OCD. Received approval for alternate plugging procedure from OCD rep Max Brown. TOH w/ pkr. RU electric line truck. Perforated csg @ 429'. RD electric line truck. TIH w/ pkr. Load hole. Set pkr @ 252'. Squeeze 30 sacks of cement w/ 2% Calcium. Displaced TOC to 300'. Let cement equalize. SI WOC.

11/1/10- Notified OCD. Received approval for alternate plugging procedure form OCD rep Max Brown. Open well. No pressure. TIH w/ tbg. Tag @ 257'. TOH w/ tbg. Notified OCD. Received approval for alternate plugging procedure form OCD rep Max Brown. Tie into wellhead. Circulated well. ND BOP's. NU wellhead. Circulated 75 sacks of cement w/ 2% Calcium to surface. RD cleaned location & released rig.

11/9/10- Notified OCD. Cut casing off at ground level. Welded 8" x 8" x 1/4" steel plate with well information as required by OCD an engraved steel plate and 3" marker onto casing. Cut of rig anchors. Ripped and pulled up caliche form location and road. Re-seeded location and road. Notified OCD & BLM to GPS well marker. Contacted surface owner for directions on reclaiming well location and lease road to location.



**EOG**  
OPERATING COMPANY

**P&A'ed WELLBORE DIAGRAM**

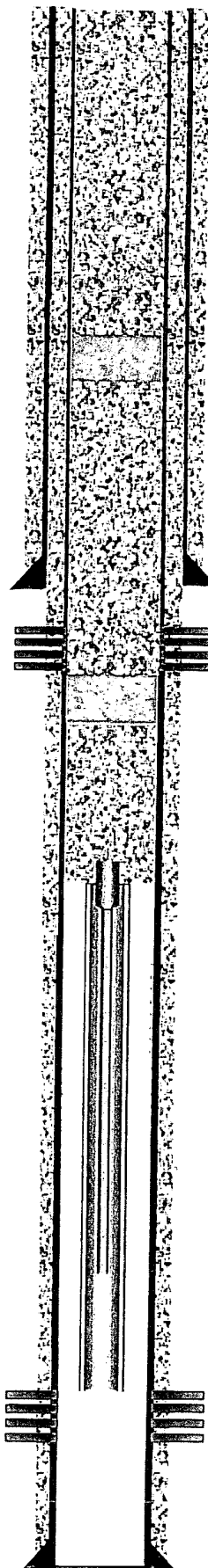
Milnesand Unit Well # 114  
API #: 30-041-10157  
UL:B, 990' FNL & 1651' FEL.  
Sec 12. T8S-R34E  
Roosevelt, NM  
Spud date:12/28/63.  
Completed date:02/17/58.  
**Plug & Abandon date:11/5/10**

8 5/8", 20# csg @ 379'.  
cmt w/ 250 sxs.  
Circulated to surface.  
12 1/4" hole.

2 3/8" tbg w/ 3/4" sucker rods stuck @ 2157'.

Perforations:  
4609'-4644' 3/8" hole 1 JSPF

PBTD: 4665'  
TD: 4700'



Elev: 4249' GR

Circulated 75 sackss of cement w/ 2% calcium.  
To surface. Cut off wellhead & rig anchors.  
Welded on marker plate,

Perforate @ 429'.  
Squeeze w/ 30 sacks of cmt w/ 2% calcium.  
Displaced TOC to 300'.  
Tag TOC @ 257' w/ wireline truck.

Squeeze w/ 25 sacks of cmt w/ 2% calcium.  
Tag TOC @ 1992' w/ wireline truck.

TOC @ 3917.  
Temp Survey.

4 1/2", 9.5 csg @ 4687'.  
cmt w/200 sxs.  
7 7/8" hole.

Well Name & Number:	MSU #114	Lease:	Milnesand Unit		
County or Parish:	Roosevelt	State/Prov.	NM	Country:	USA
Prepared By:	L.A. Spittler, Jr.	Last Revision Date:	11/10/2010		