

OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0157
Expires March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD-1269		5 Lease Serial No NMNM113090T 104684
2 Name of Operator Mesquite SWD, Inc.		6 If Indian, Allottee or Tribe Name NA
3a Address P.O. Box 1479, Carlsbad, NM 88221	3b Phone No (include area code) 575-706-1840	7 If Unit or C/A Agreement, Name and/or No AN
4 Location of Well (Footage, Sec. T, R, M. or Survey Description) 1900' FSL & 1900' FWL Sec. 12, T24S-R31E		8 Well Name and No Heavy Metal Federal #1
		9 API Well No 30-015-29602
		10 Field and Pool, or Exploratory Area SWD; Bell Canyon-Cherry Canyon
		11 County or Parish, State Eddy Co., NM

12. CHECK 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 Re-entry Completion
	<input type="checkbox"/> Change Plans	<input 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.)

10/3/2011 Removed P&A marker, prepared cellar and pad.

10/8/2011 Moved-in United Drilling rig #42.

10/10/2011 BOP tested good. Began re-entry.

DO surface plug to 86'. Tagged 2nd plug @617' and DO to 713'. Tagged 3rd plug @4227'. Tested 8-5/8" csg to 1500# for 30 min, held good. DO plug #4 4227'-4440'. Tagged plug #5 @6381'. DO plug #5 6381'-6539'. CO to TD 8554'. Circ hole clean, Notified BLM setting plugs. Pump 100 sx Class "H" Neat density 15.6, yield 1.18, H2O 6.35/ cmt plug on bottom. WOC 4 hrs, tagged @8300'. Spotted 50-sx Class "C" @6300'. WOC 4 hrs, no tag on plug. Another 50 sx plug Class "C" density 14.8, yield 1.33, H2O 6.35 @6,300'. WOC 4 hrs and tagged @6,140'. Set 40 sx plug Class "C" for landing csg. WOC 4 hrs, tagged at 4586'. Notified BLM running csg. 7" 23# K-55 FL-4S Extreme Line @4586'. Cmt'd w/400 sx Class "C" density 14.8, yield 1.33, H2O 6.35 +400# sugar @4415'. Circulated 48 sx to surface. Released rig 10/14/2011.

Accepted for record
NMOCD
10/11/2011

RECEIVED

JAN 18 2012

NMOCD-ARTESIA

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

Kay Havenor

Title Geologist

Signature

Kay Havenor

Date

12/28/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
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

JAN 14 2012

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)

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

BOPCO

EX. NO. 23

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

RECEIVED

JAN 18 2012

NMOCD ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other		5 Lease Serial No NMNM120901 104684							
b Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Drift Resvr. Other <u>Re-entry for SWD-1269</u>		6 If Indian, Allottee or Tribe Name NA							
2 Name of Operator <u>Mesquite SWD, Inc.</u>		7 Unit or CA Agreement Name and No NA							
3 Address <u>P.O. Box 1479</u>		8 Lease Name and Well No <u>Heavy Metal Federal #1</u>							
3a Phone No (include area code) <u>575-706-1840</u>		9 API Well No <u>30-015-29602</u>							
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <u>1900' FSL & 1900' FWL Sec. 12, T24S-R31E</u> At top prod interval reported below <u>Same</u> At total depth <u>Same</u>		10 Field and Pool, or Exploratory <u>SWD; Bell Canyon-Cherry Cany</u>							
14 Date Spudded <u>10/10/2011</u>		11 Sec., T., R., M., on Block and Survey or Area <u>Sec. 12-T24S-R31E</u>							
15 Date TD Reached <u>10/12/2011</u>		12 County or Parish <u>Eddy</u>							
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		13 State <u>NM</u>							
17 Elevations (DF, RKB, RT, GL)* <u>3541 GL</u>									
18 Total Depth MD <u>8554</u> TVD <u>8554</u>		19 Plug Back TD MD <u>6140</u> TVD <u>6140</u>							
20 Depth Bridge Plug Set MD <u>8554-8300</u> TVD <u>Same</u>									
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) <u>No New Logs</u>		22 Was well cored? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)							
23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt (lb/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8 H	48	0	608		600		0	0
11	8-5/8 K	32	0	4415		1800		0	0
7-7/8	7 K-55	23	0	4550		400 "C"		0	0
24 Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
3-1/5	4535	4535							
25 Producing Intervals									
Formation	Top	Bottom	26 Perforation Record						
A) Delaware Bell/Cherry	4586	6140	Perforation Interval	Size	No Holes	Perf Status			
B)			Accepted for record NMOCD 1/19/12						
C)									
D)									
27 Acid, Fracture, Treatment, Cement Squeeze, etc									
Depth Interval	Amount and Type of Material								
4586-6140	Open Hole - No treatment								
28 Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravit Con API	Gas Gravity	Production Method
Choke Size	Tbg Press Flg SI	Cog Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28a Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravit Con API	Gas Gravity	Production Method
Choke Size	Tbg Press Flg SI	Cog Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

RECLAMATION
DUE 9-14-12

ACCEPTED FOR RECORD

JAN 14 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29 Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):				31. Formation (Log) Markers	
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Delaware Sand	4550	6140	Sand, shale - Water wet by log calc		

32. Additional remarks (include plugging procedure):

Well originally spudded 8/28/1994 Devon SPS Operating, Inc. P&A 10/9/1997. NM SWD-1269 Mesquite SWD, Inc. Re-entry for Bell Canyon to mid-Cherry Canyon SWD. CO to orig TD 8554'. Set 100 sx Class "H" cmt TD, tagged @8300'. Spotted 50 sx Class "C" @6300', unable to tag. Set 2nd 50 sx Class "C" @6300', tagged @6140'. PBD 6140'. Ran 3-1/2" P116 IPC L-80 12.95# L-80 Fiberglass coated tbg w/5-1/2" x 2-7/8" Nickel Arrowset AX-1 packer @4535'. Tbg annulus filled w/inert fluid. Tested to 500 psi, held 30 min. No formation treatment. Location cleaned and re-entry tankage removed 10/18/2011. Well ready for MIT. Waiting on electrical service.

33. Indicate which items have been attached by placing a check in the appropriate boxes.

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Kay Havenor

Title Geologist

Signature

Kay Havenor

Date 01/10/2012

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.

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 743-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
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 August 1, 2011

WELL API NO
30-015-29602

5. Indicate Type of Lease
STATE ☐ FEE ☐
6. State Oil & Gas Lease No
NM SWD-1269
7. Lease Name or Unit Agreement Name
Heavy Metal Federal
8. Well Number
001
9. OGRID Number
161968
10. Pool name or Wildcat
SWD: Bell Canyon/Cherry Canyon

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
Mesquite SWD, Inc..

3. Address of Operator
P.O. Box 1479 Carlsbad, NM 88221

4. Well Location

Unit Letter K : 1900' feet from the South line and 1900' feet from the FWL line
Section 12 Township 24S Range 31E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3541' GL

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

- REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SWD-1269. MIT on 1/20/2012. SWD commenced 1/23/2012. Injection into OH 4586' to PBTD 6140' Injection pkr @ 4535'.

Called Daniel Sanchez on 6/12/12 @ 9⁰⁰ AM - advised as to situation of well and well file
Called Will Jones on 6/12/12 @ 4³⁰ PM - advised as to situation of well and well file.
well OK to be injected into.

Spud Date:

Rig Release Date:

Called Kay Havenor on 6/12/12 @ 4⁴⁰ PM - well injection can commence

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

SIGNATURE Kay Havenor TITLE Geologist DATE 1/24/2012

Type or print name Kay Havenor E-mail address: KHavenor@georesources.com PHONE 575-626-4518
For State Use Only

APPROVED BY: Kevin P. Dade TITLE District Supervisor DATE June 12/2012
Conditions of Approval (if any):