

OCD-ARTESIA

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B 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 NMNML12090T 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 CA/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 <u>Re-entry Completion</u>	
	<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 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 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
109/11/2011

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	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.		JAN 14 2012
	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)

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

5 Lease Serial No
NMNM120901 104684

6 If Indian, Allottee or Tribe Name
NA

7 Unit or CA Agreement Name and No
NA

8 Lease Name and Well No
Heavy Metal Federal #1

9 API Well No
30-015-29602

10 Field and Pool, or Exploratory
SWD; Bell Canyon-Cherry Cany

11 Sec., T., R., M., on Block and
Survey or Area Sec. 12-T24S-R31E

12 County or Parish
Eddy

13 State
NM

14 Date Spudded
10/10/2011

15 Date TD Reached
10/12/2011

16 Date Completed
10/14/2011
 D & A Ready to Prod

17 Elevations (DF, RKB, RT, GL)*
3541 GL

18 Total Depth MD 8554
TVD 8554

19 Plug Back TD MD 6140
TVD 6140

20 Depth Bridge Plug Set MD 8554-8300
TVD Same

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)
No New Logs

22 Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23 Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/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	Perforated Interval	Size	No Holes	Perf Status
A) Delaware Bell/Cherry	4586	6140				
B)						
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 Gravn Corr API	Gas Gravity	Production Method
			→						

28a Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravn Corr API	Gas Gravity	Production Method
			→						

ACCEPTED FOR RECORD
JAN 14 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

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):

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

31. Formation (Log) Markers

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 tug. 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 times 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) 748-1283
 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

Form C-103
 Revised August 1, 2011

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

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

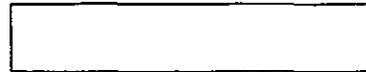
OTHER:

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 @ 9:00 am - advised as to situation of well and well file
 Called Will Jones on 6/12/12 @ 4:30 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 @ 4:40 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@ecoresources.com PHONE 575-626-4518
 For State Use Only

APPROVED BY: Steve P. Dade TITLE District Supervisor DATE June 12/2012

Conditions of Approval (if any):