

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
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.
NMNM91078

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

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

2. Name of Operator

CHEVRON USA INCORPORATED

Contact: CINDY H MURILLO

E-Mail: Cherreramurillo@chevron.com

9. API Well No.
30-015-27533-00-S1

3a. Address

15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)

Ph: 575-263-0431
Fx: 575-391-667910. Field and Pool, or Exploratory
HERRADURA BEND

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

Sec 1 T23S R28E NWNW 500FNL 400FWL

11. County or Parish, and State

EDDY COUNTY, NM

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

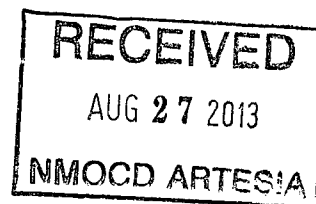
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" 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 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 recompleat 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.)

Chevron has just completed the Fracturing on Lentini 1 Federal #1.

Please find attached the Hydraulic Fracturing Fluid Test for the above well.

File online w/OCD
Accepted for record
NMOC
8/27/2013



14. I hereby certify that the foregoing is true and correct.

Electronic Submission #217860 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Carlsbad

Committed to AFMSS for processing by JOHNNY DICKERSON on 08/22/2013 (13KCD0167S)

Name (Printed/Typed) CINDY H MURILLO

Title PERMITTING SPECIALIST

Signature (Electronic Submission)

Date 08/22/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	(BLM Approver Not Specified)	Date 08/24/2013
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 Carlsbad

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.

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

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/15/2013
Job End Date:	7/16/2013
State:	New Mexico
County:	Eddy
API Number:	30-015-27533-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Lentini 1 Federal 001
Longitude:	-104.04737000
Latitude:	32.34075000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	6,400
Total Base Water Volume (gal):	232,422
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid	Fresh water	7732-18-5	100.00000	84.73553	Density = 8.340
Premium White 16/30	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00000	11.68888	
CRC 16/30	Halliburton	Proppant	Crystalline silica, quartz	14808-60-7	100.00000	1.31228	
			Phenol / formaldehyde resin	9003-35-4	5.00000	0.06561	
			Hexamethylenetetramine	100-97-0	2.00000	0.02625	
HYDROCHLORIC ACID 10-30%	Halliburton	Acid	Hydrochloric acid	7647-01-0	30.00000	0.51756	
Losurf 360W	Operator	Surfactant	Poly(oxy-1,2-ethanediyl), alpha.-isodecyl-omega.-hydroxy-	61827-42-7	30.00000	0.19444	Density = 8.560
			Glycerine	56-81-5	10.00000	0.06481	
			Complex Alkylamine	Confidential	5.00000	0.03241	Denise Tuck, Halliburton, 3000 N. Sam Houston Pkwy E., Houston, TX 77032
WG-36 GELLING AGENT	Halliburton	Gelling Agent	Guar gum	9000-30-0	100.00000	0.22746	
BC-140 X2	Halliburton	Initiator					

			Monoethanolamine borate	26038-87-9	100.00000	0.03733	
			Ethylene glycol	107-21-1	30.00000	0.01120	
SUPERSET W	Halliburton	Activator					
			Methanol	67-56-1	60.00000	0.01634	
			Ethoxylated nonylphenol	Confidential	60.00000	0.01634	
SCALECHEK LP-55 SCALE INHIBITOR	Halliburton	Scale Inhibitor					
			Polyacrylate	Confidential	60.00000	0.03199	
K-34	Halliburton	Buffer					
			Sodium bicarbonate	144-55-8	100.00000	0.01968	
CLA-STA XP ADDITIVE	Halliburton	Clay Stabilizer					
			Polyepichlorohydrin, trimethyl amine quaternized	51838-31-4	60.00000	0.01383	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	NA	100.00000	0.00765	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00230	
Cla-Web	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.00962	
BE-9	Halliburton	Biocide					
			Tributyl tetradecyl phosphonium chloride	81741-28-8	10.00000	0.00682	
HpH BREAKER	Halliburton	Breaker					
			Sodium chloride	7647-14-5	30.00000	0.00060	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		1.88336	
		Other Ingredient(s)					
			Bentonite, benzyl(hydrogenated tallow alkyl) dimethylammonium stearate complex	121888-68-4		0.01137	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00267	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00230	
		Other Ingredient(s)					
			Surfactant mixture	Confidential		0.00227	
		Other Ingredient(s)					
			Surfactant mixture	Confidential		0.00227	
		Other Ingredient(s)					
			Silica gel	112926-00-8		0.00227	
		Other Ingredient(s)					
			Trimethylamine, N-oxide	1184-78-7		0.00115	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00080	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00080	

		Other Ingredient(s)					
			Enzyme	Confidential		0.00038	
		Other Ingredient(s)					
			Crystalline Silica, Quartz	14808-60-7		0.00023	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00016	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00008	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00008	
		Other Ingredient(s)					
			2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(4-sulfonaphthalenyl) azo] -, trisodium salt	915-67-3		0.00004	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00002	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00002	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00002	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00002	
		Other Ingredient(s)					
			2,7-Naphthalenedisulfonic acid, 5-(acetylamino) -4-hydroxy-3-[(2-methoxyphenyl) azo] -, disodium salt	6625-46-3		0.00001	
		Other Ingredient(s)					
			Food red 10	3734-67-6		0.00001	
		Other Ingredient(s)					
			Calcium chloride	10043-52-4		0.00000	
		Other Ingredient(s)					
			1,2-Benzisothiazolin-3-one	2634-33-5		0.00000	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)