

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMNM98122

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000276B

8. Well Name and No.
SKELLY UNIT 907

9. API Well No.
30-015-31385-00-S1

10. Field and Pool, or Exploratory
FREN

11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
CHEVRON USA INCORPORATED
Contact: CINDY H MURILLO
E-Mail: cherreramurillo@chevron.com

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 575-263-0431
Fx: 575-391-6679

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 21 T17S R31E NESW 2310FSL 2310FWL

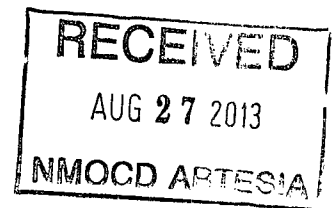
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 recompletable 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 recompletable 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 completing the Fracturing for the above well.
Please find attached procedure for Hydraulic Fracturing for the above subject well.

File online w/OCD
Accepted for record
NRMOCD
RDade *8/27/2013*



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

Electronic Submission #217867 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 (13JLD0691SE)

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) Title _____ 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.

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	7/18/2013
Job End Date:	7/18/2013
State:	New Mexico
County:	Eddy
API Number:	30-015-31385-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Skelly Unit 907
Longitude:	-103.87580000
Latitude:	32.81814000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,018
Total Base Water Volume (gal):	107,562
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
Water	Operator	Carrier	Water	7732-18-5	100.00000	84.30759	
Sand, White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100.00000	10.88591	
HCl, 10.1 - 15%	Baker Hughes	Acidizing	Water	7732-18-5	85.00000	1.54496	SmartCare Product
			Hydrochloric Acid	7647-01-0	15.00000	0.27264	SmartCare Product
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100.00000	1.50786	
GW-4LDF	Baker Hughes	Gelling Agent	Petroleum Distillate Blend	64742-55-8	70.00000	0.24623	SmartCare Product
			Petroleum Distillate Blend	64742-47-8	70.00000	0.24623	SmartCare Product
			Guar Gum	9000-30-0	60.00000	0.21106	SmartCare Product
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30.00000	0.04797	
			Sodium Tetraborate Decahydrate	1303-96-4	30.00000	0.04797	
			Sodium Hydroxide	1310-73-2	10.00000	0.01599	
InFlo 250G, 330 gl tote	Baker Hughes	Surfactant	Mixture of Surfactants	Trade Secret	50.00000	0.04311	

			Methanol	67-56-1	30.00000	0.02587	
			Water	7732-18-5	30.00000	0.02587	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier					
			Mixture of Surfactants	Trade Secret	50.00000	0.04155	
			Propylene Glycol	57-55-6	30.00000	0.02493	
Activator, 330 gal tote	Baker Hughes	Activator					
			Alcohols, C12-14-Secondary, Ethoxylated	84133-50-6	70.00000	0.03633	
			Methanol	67-56-1	50.00000	0.02595	
EnZyme G HpH-II	Baker Hughes	Breaker					
			Non-hazardous Ingredients	N.A.	100.00000	0.04704	
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor					
			Synthetic Polymer	Trade Secret	15.00000	0.01424	
			Ethylene Glycol	107-21-1	15.00000	0.01424	
			Diethylene Glycol	111-46-6	1.00000	0.00095	
Ferrotrol 280L	Baker Hughes	Iron Control					
			2-Mercaptoethanol	60-24-2	100.00000	0.01381	
			Ammonium Hydroxide	1336-21-6	5.00000	0.00069	
			Cupric Chloride	7447-39-4	5.00000	0.00069	
BioSealers MR	Baker Hughes	Degradable Sealers					
			Non-Hazardous Ingredient	Trade Secret	100.00000	0.00658	
X-Cide 207	Baker Hughes	Biocide					
			Diatomaceous Earth, Calcined	91053-39-3	60.00000	0.00338	
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10.00000	0.00056	
			Magnesium Nitrate	10377-60-3	10.00000	0.00056	
			Magnesium Chloride	7786-30-3	5.00000	0.00028	
			2-Methyl-4-Isothiazolin-3-One	2682-20-4	5.00000	0.00028	
			Crystalline Silica: Cristobalite	14464-46-1	1.00000	0.00006	
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1.00000	0.00006	
CI-27	Baker Hughes	Corrosion Inhibitor					
			Methanol	67-56-1	60.00000	0.00126	SmartCare Product
			Thiourea Polymer	68527-49-1	30.00000	0.00063	SmartCare Product
			Polyoxyalkylenes	Trade Secret	30.00000	0.00063	SmartCare Product
			Fatty Acids	Trade Secret	30.00000	0.00063	SmartCare Product
			Propargyl Alcohol	107-19-7	10.00000	0.00021	SmartCare Product
			Olefin	Trade Secret	5.00000	0.00010	SmartCare Product
GBW-5	Baker Hughes	Breaker					
			Ammonium Phosphate	7727-54-0	100.00000	0.00094	SmartCare Product
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier					
			Isopropanol	67-63-0	30.00000	0.00072	
FRW-18	Baker Hughes	Friction Reducer					
			Petroleum Distillates	64742-47-8	30.00000	0.00050	SmartCare Product
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 Chemicals					

		Water	7732-18-5		0.07757
		Olefin Sulfonate	Trade Secret		0.00144
		Tryptone	73049-73-7		0.00141
		Sodium Chloride	7647-14-5		0.00095
		Glycerol	56-81-5		0.00094
		Yeast Extract	8013-01-2		0.00094
		Quaternary Amine Compounds	Trade Secret		0.00072
		Poly (acrylamide-co:acrylic:acid)	Trade Secret		0.00050
		Ampicillin	69-53-4		0.00047
		Enzyme	37288-54-3		0.00047
		Lactose	9004-34-6		0.00047
		Polyester	Trade Secret		0.00036
		Glycol Ether	Trade Secret		0.00012
		Ethoxylated Nonylphenol	9016-45-9		0.00012
		Sorbitan Monooleate	Trade Secret		0.00008
		Salt	Trade Secret		0.00008
		Ethoxylated Alcohol	Trade Secret		0.00003
		Benzyl Chloride	100-44-7		0.00002
		Formaldehyde	50-00-0		0.00001
		Sodium Carboxylate	18016-19-8		
		Polyacrylate	111560-38-4		
		Maleic Anhydride Terpolymer	113221-69-5		

* 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)