

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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.
NMLC029420A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
892000276B8. Well Name and No.
SKELLY UNIT 9659. API Well No.
30-015-34647-00-S110. Field and Pool, or Exploratory
FREN11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CHEVRON USA INCORPORATEDContact: CINDY H MURILLO
E-Mail: Cherreramurillo@chevron.com3a. Address
15 SMITH ROAD
MIDLAND, TX 797053b. Phone No. (include area code)
Ph: 575-263-0431
Fx: 575-391-66794. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T17S R31E SWSW 990FSL 990FWL

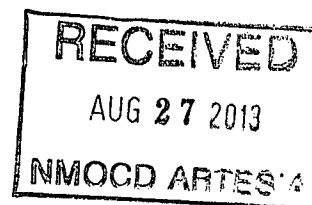
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☒ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 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 Fracturing the above well.

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

*Need Volume, what perfs, Detail**File online w/OCD*
Accepted for record
W/OCB
LR/ade
8/28/13

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

Electronic Submission #217877 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 (13JLD0609SE)

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**JAMES A AMOS
Title SUPERVISOR EPS

Date 08/25/2013

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:	8/6/2013
Job End Date:	8/6/2013
State:	New Mexico
County:	Eddy
API Number:	30-015-34647-00-00
Operator Name:	Chevron USA Inc.
Well Name and Number:	Skelly Unit 965
Longitude:	-103.86245000
Latitude:	32.82898000
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	5,216
Total Base Water Volume (gal):	111,678
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	84.03074	
Sand White, 16/30	Baker Hughes	Proppant	Crystalline Silica (Quartz)	14808-60-7	100.00000	10.43222	
HCl, 10-15%	Baker Hughes	Acidizing	Water	7732-18-5	85.00000	2.22470	SmartCare Product
			Hydrochloric Acid	7647-01-0	15.00000	0.39259	SmartCare Product
SiberProp, 16/30	Baker Hughes	Proppant	Quartz (SiO2)	14808-60-7	100.00000	1.40059	
GW-4LDF	Baker Hughes	Gelling Agent	Petroleum Distillate Blend (1)	64742-47-8	70.00000	0.28111	SmartCare Product
			Petroleum Distillate Blend (3)	8042-47-5	70.00000	0.28111	SmartCare Product
			Petroleum Distillate Blend (2)	64742-55-8	70.00000	0.28111	SmartCare Product
			Guar Gum	9000-30-0	60.00000	0.24095	SmartCare Product
XLW-10A	Baker Hughes	Crosslinker	Ethylene Glycol	107-21-1	30.00000	0.04491	
			Sodium Tetraborate Decahydrate	1303-96-4	30.00000	0.04491	
			Sodium Hydroxide	1310-73-2	10.00000	0.01497	
InFlo 250G, 330 gal tote	Baker Hughes	Surfactant					

			Mixture of Surfactants	Trade Secret	50.00000	0.04063	
			Methanol	67-56-1	30.00000	0.02438	
			Water	7732-18-5	30.00000	0.02438	
NE-35, 330 gl tote	Baker Hughes	Non-emulsifier					
			Mixture of Surfactants	Trade Secret	50.00000	0.04441	
			Propylene Glycol	57-55-6	30.00000	0.02664	
Activator, 330 gal tote	Baker Hughes	Activator					
			Alcohols, C12-14:Secondary, Ethoxylated	84133-50-6	70.00000	0.04117	
			Methanol	67-56-1	50.00000	0.02941	
Scaletrol 721, tote	Baker Hughes	Scale Inhibitor					
			Ethylene Glycol	107-21-1	15.00000	0.00916	
			Synthetic Polymer	Trade Secret	15.00000	0.00916	
			Diethylene Glycol	111-46-6	1.00000	0.00061	
Ferrotrol 280L	Baker Hughes	Iron Control					
			2-Mercaptoethanol	60-24-2	100.00000	0.01491	
			Cupric Chloride	7447-39-4	5.00000	0.00075	
			Ammonium Hydroxide	1336-21-6	5.00000	0.00075	
BioSealers MR	Baker Hughes	Degradable Sealers					
			Non-Hazardous Ingredient	Trade Secret	100.00000	0.00902	
X-Cide 207	Baker Hughes	Biocide					
			Diatomaceous Earth, Calcined	91053-39-3	60.00000	0.00260	
			5-Chloro-2-Methyl-4-Isothiazolin-3-One	26172-55-4	10.00000	0.00043	
			Magnesium Nitrate	10377-60-3	10.00000	0.00043	
			2-Methyl-4-Isothiazolin-3-One	2682-20-4	5.00000	0.00022	
			Magnesium Chloride	7786-30-3	5.00000	0.00022	
			Crystalline Silica: Quartz (SiO2)	14808-60-7	1.00000	0.00004	
			Crystalline Silica: Cristobalite	14464-46-1	1.00000	0.00004	
CI-27	Baker Hughes	Corrosion Inhibitor					
			Methanol	67-56-1	60.00000	0.00121	SmartCare Product
			Fatty Acids	Trade Secret	30.00000	0.00060	SmartCare Product
			Thiourea Polymer	68527-49-1	30.00000	0.00060	SmartCare Product
			Polyoxyalkylenes	Trade Secret	30.00000	0.00060	SmartCare Product
			Propargyl Alcohol	107-19-7	10.00000	0.00020	SmartCare Product
			Olefin	Trade Secret	5.00000	0.00010	SmartCare Product
FRW-18	Baker Hughes	Friction Reducer					
			Petroleum Distillates	64742-47-8	30.00000	0.00239	SmartCare Product
GBW-5	Baker Hughes	Breaker					
			Ammonium Phosphate	7727-54-0	100.00000	0.00090	SmartCare Product
NE-23, 55 gallon drum	Baker Hughes	Non-emulsifier					
			Isopropanol	67-63-0	30.00000	0.00069	
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		0.03735	

			Poly (acrylamide-co-acrylic acid)	Trade Secret		0.00239	
			Olefin Sulfonate	Trade Secret		0.00138	
			Quaternary Amine Compounds	Trade Secret		0.00069	
			Sorbitan Monooleate	Trade Secret		0.00040	
			Salt	Trade Secret		0.00040	
			Polyester	Trade Secret		0.00035	
			Ethoxylated Alcohol	Trade Secret		0.00016	
			Ethoxylated Nonylphenol	9016-45-9		0.00012	
			Glycol Ether	Trade Secret		0.00012	
			Benzyl Chloride	100-44-7		0.00002	
			Formaldehyde	50-00-0		0.00001	
			Sodium Chloride	7647-14-5		0.00001	
			Maleic Anhydride Terpolymer	113221-69-5			
			Polyacrylate	111560-38-4			
			Sodium Carboxylate	18016-19-8			

* 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)