Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

SEP 2 8 2010 case Serial No. 751-05-1025

Do not use this t	IOTICES AND REPOR form for proposals to Use Form 3160-3 (AP	drill or to re-enter	Frango, Coloradomountain	ottee or Tribe Name Ute	
SUBMI	T IN TRIPLICATE - Other in	i	7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well			N/A		
☑ Oil Well ☐ Gas V	Vell Other		8. Well Name and No. Ute Mountain Tribal 24-43		
2. Name of Operator Elk San Juan, LLC		9. API Well No 30-045-34114	9. API Well No. 30-045-34114		
3a. Address 1401 17th Street, Suite 700		, l	10. Field and Pool or Exploratory Area Verde Field, Gallup		
Denver, Colorado 80202		303-296-4505	11. Country or I	·	
4. Location of Well (Footage, Sec., T., 660 FSL, 1650 FEL, Section 36 - T31N - R15W	I, NMP	1 -	San Juan County, New Mexico		
12. CHEC	K THE APPROPRIATE BOX	(ES) TO INDICATE NATU	RE OF NOTICE, REPORT OR	OTHER DATA	
TYPE OF SUBMISSION		Т	YPE OF ACTION		
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resu	water Shut-Off Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete	Other	
	Change Plans	Plug and Abandon	Temporarily Abandon		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	ed work and approximate duration thereof. If	
determined that the site is ready for Elk San Juan intends to plug and at Well Service, Inc. and the timing will	pandon the Ute Mountain Tri		Carrence to the three th	The procedure will be handled by A-Plus RCVD NOV 9'10 DIL CONS. DIV. DIST. 3	
14. I hereby certify that the foregoing is t Merrell Olsen	rue and correct. Name (Printed/	Typed) Title Engine	eer I	•	
Signature 177 CL		Date 09/27/	2010		
	THIS SPACE F	OR FEDERAL OR S	TATE OFFICE USE	i	
Approved by	ATT		AMASI	Para 11/3/2011	
Conditions of approval, if any, are attached that the applicant holds legal or equitable entitle the applicant to conduct operations	title to those rights in the subject		SIG) $\mathcal{U}_{\mathcal{L}}$	
Title 18 U.S.C. Section 1001 and Title 43			and willfully to make to any dep	partment or agency of the United States any false	

(Instructions on page 2)

fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





PLUG AND ABANDONMENT PROCEDURE

September 23, 2010

Ute Mountain Tribal 24-43

Verde Gallup SWSE, Section 24, T31N, R15W, San Juan County, New Mexico API 30-045-34114/ Lat: ______ N Long: _____ W

API 30-045-34114/ Lat: _______N Long: _______W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.

2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.

3. Rods: Yes _____, No ____, Unknown _____; Size __2.375"_, Length __2889'_; Packer: Yes _____, No ____, Unknown ______, Type _____ If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

- 4. Plug #1 (Gallup open hole interval and Mesaverde top, 2827' 2345'): PU and RIH with 7" cement retainer; set at 2827'. Pressure test tubing to 1000 PSI. Pressure test casing to 800 PSI. If casing does not test, then spot or tag subsequent plugs as appropriate. Circulate well clean. Spot 100 sxs Class B inside casing above CR to isolate the Gallup interval and cover the Mesaverde top. PUH.
- 5. Plug #2 (Pictured Cliffs top, 835' 735'): Spot 29 sxs Class B cement balanced plug inside casing to cover the Pictured Cliffs top. PUH.
- 6. Plug #3 (Fruitland top, 9.625" surface casing shoe and surface, 370' 0'): Connect the pump line to the bradenhead valve. Pressure test the BH annulus to 300#; note the fluid volume to load. If the BH annulus tests, then mix 75 sxs Class B cement and spot a balanced plug inside the 7" casing to cover the Fruitland top, 9.625 surface casing shoe, circulate cement to surface out the casing valve. TOH and LD the tubing. If the BH annulus does not test, then perforate at the appropriate depth to fill the bradenhead annulus to surface. TOH and LD tubing. Shut in well and WOC.
- ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Ute Mountain Tribal 24-43

Proposed P&A

Verde Gallup

SWSE, Section 24, T-31-N, R-15-W, San Juan County, NM

Today's Date: 9/23/10	Lat:	N / Long:	W API #30-04	45-34114		
Spud: 5/7/09 Completion: not completed Elevation: 5549' GL 5561' KB				TOC @ surface		
Kirtland @ surface *est	12.25" hole	A		9.625", 36#, J-55 Casing set @ 215' Cement with 200 sxs, circulate to surface		
Fruitland @ 320' *est					Plug #3: 370' – 0' Class B cement, 75 sxs	
Pictured Cliffs @ 785' *est					Plug #2: 835' - 735' Class B cement, 29 sxs	
Mesaverde @ 2395' *est					Plug #1: 2827' - 2345' Class B cement, 100 sx:	
	8.75" Hole	TANK	PRINCE	t CR @ 2827' 23#, J-55 - casing set Cmt with 346 sxs (i	@ 2877'	
	0.75 Tible			Cmt with 346 sxs (i	circulated to surface)	
	6.25" Hole					
		TD 370	05'			

Ute Mountain Tribal 24-43

Current

Verde Gallup SWSE, Section 24, T-31-N, R-15-W, San Juan County, NM

Lat: ______ N / Long: _____ W API #30-045-34114 Today's Date: 9/23/10 Spud: 5/7/09 TOC @ surface Completion: not completed Elevation: 5549' GL 5561' KB 9.625", 36#, J-55 Casing set @ 215' 12.25" hole Kirtland @ surface *est Cement with 200 sxs, circulate to surface Fruitland @ 320' *est 2.375" Tubing @ 2889' (4.7# J-55 EUE with SN and Notch Collar) Pictured Cliffs @ 785' *est Mesaverde @ 2395' *est 7", 23#, J-55 casing set @ 2877' Cmt with 346 sxs (circulated to surface) 8.75" Hole 6.25" Hole TD 3705'

Elk San Juan, LLC

Tribal IMDA: 751-05-1025

Well: Ute Mountain Tribal #24-43

660' FSL & 1650' FEL Sec. 24, T. 31 N., R. 15 W. San Juan County, New Mexico

This approval is for the completion of the downhole plugging portion of the well only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.

The Bureau of Land Management, SJPLC (<u>david swanson@co.blm.gov</u> or 970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA-UMU (970.565-6094) and UMU Tribal Energy at 970.564-5690 shall be contacted prior to surface reclamation procedures for specific requirements and seed mixtures.

- •The pits and boreholes shall be filled, access road restored, surface re-contoured to blend with surrounding terrain, top soil evenly redistributed.
- Well equipment, dead-men, concrete slabs, cables, piping and trash shall be removed, slash piles chipped and scattered.
- The site shall require weed control, soil preparation and reseeding with a BIA approved seed mix and shall be monitored for self-sustaining growth. A full list of "Oil and Gas Well Surface Reclamation" requirements is available through the BLM.

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. When re-vegetation has subsequently been re-established, BLM shall be notified by the operator with a Final Abandonment Notice. A field inspection will then be arranged between the SUIT/UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for release from bond liability.

Conditions of Approval - Notice of Intent to Abandon:

- 1. Notify this office at least **72 hours** prior to commencing plugging operations.
- 2. Approval of this Notice of Intent to Abandon (NIA) is for down hole plugging only.
- 3. Materials used will be accurately measured.
- 4. A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations. All unattended pits are to be fenced.
- 5. Pits are not to be used for disposal of any unauthorized materials.
- 6. All cement plugs are to be placed through a work string. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
 - 6a. Cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100 ft. of the casing or annular void(s) between casings, plus 10% excess volume per 1000 ft. of depth.
 - 6b. Surface plugs must be a minimum of 50 ft. within casing and annular voids.
 - 6c. Cement plugs placed to fill an open hole shall have sufficient volume to fill a minimum of 100 ft. of open hole, plus 10% excess volume per 1000 ft. of depth.
 - 6d. An additional 100 ft. cement plug must be placed midway between the Gallup and surface casing plugs.
 - 6e. Tag the Gallup Mesaverde plug.
 - 6f. Tag the Pictured Cliffs plug.
- 7. The well must be filled with a wellbore mud sufficient to stabilize the wellbore. In the absence of any formation pressure data provided by the operator, this mud will have a minimum weight of **9 ppg**. The mud must be left between all plugs.
- 8. A blowout preventer and related equipment shall be installed and tested prior to working in a wellbore with any exposed zones (a) that are overpressured, (b) where pressures are unknown, or (c) known to contain H₂S.
- 9. Within 30 days after plugging of the well, file 5 copies of a Subsequent Report of Abandonment (SRA) via Sundry Notice. This report should include the following information:
 - a. Date(s) of plugging operations.
 - b. Procedure used to plug the well.
 - c. Depth of plugs.
 - d. Type and volume of plugs set.
 - e. Casing types/lengths left in the well.