Form 3160-5 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010 5. Lease Serial No.

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.					NMSF078139		
					6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. NMNM75999		
1. Type of Well			8. Well Name and No. ELLIOTT GAS COM X 1				
Oil Well Sas Well Other  2. Name of Operator Contact: CHERRY HLAVA					9. API Well No.		
Name of Operator     BP AMERICA PRODUCTION	LAVA		30-045-23310-	00-S1			
3a. Address 200 ENERGY COURT FARMINGTON, NM 87401		3b. Phone No. (include area code) Ph: 281-366-4081		de)	10. Field and Pool, or Exploratory BASIN DAKOTA		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, and State		
Sec 9 T30N R9W NWSE 1510FSL 0795FEL 36.82262 N Lat, 107.77916 W Lon					SAN JUAN COUNTY, NM		
12. CHECK APP	ROPRIATE BOX(ES) TO	O INDICATE	E NATURE OF	NOTICE, REP	ORT, OR OTHE	R DATA	
TYPE OF SUBMISSION		TYPE OF ACTION					
NI-4:	Acidize	□ Dee	pen	☐ Productio	n (Start/Resume)	☐ Water Shut-Off	
Notice of Intent	Alter Casing	_	cture Treat	☐ Reclamat	ion	☐ Well Integrity	
Subsequent Report	Casing Repair	□ Nev	v Construction	Recomple	ete	Other	
Final Abandonment Notice	Change Plans	⊠ Plu	g and Abandon	Temporar	ily Abandon		
	Convert to Injection	□ Plu	g Back	□ Water Dis	sposal		
following completion of the involve testing has been completed. Final A determined that the site is ready for the above mentioned well has respectfully request permission.	bandonment Notices shall be fil final inspection.) s been inactive for a year	ed only after all and unable to	requirements, inclu	iding reclamation,	w interval, a Form 316 have been completed,	0-4 shall be filed once and the operator has	
Please see attached P&A pro							
					RCVD MA	Y 26 '10	
						The state of the s	
					DIS	T. 3	
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #I For BP AMERICA mmitted to AFMSS for proc	PRODUCTIO	l ČO., sent to th	e Farmington 🍈			
Name (Printed/Typed) CHERRY	HLAVA		Title REGUL	_ATORY ANAL	YST		
Signature (Electronic S	Submission)		Date 05/14/2	2010			
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE USE	<u> </u>		
Approved By STEPHEN MASON			TitlePETROLE	EUM ENGINEE	R	Date 05/21/20	
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 Farmington				

# SJ Basin Well Work Procedure

Well Name:

ELLIOTT GC X 001-DK

API#: 30-045-2331000

Date:

May 12, 2010

Repair Type: P&A

Location:

Unit I - Sec 09 - T30N - R09W

County:

San Juan

State: Engr:

**New Mexico** Mike Morgan

Ph:

281-366-5721

## Objective: P&A for wellbore.

1. Ensure wellbore is clean of obstructions.

2. Pump cement plugs and remove wellhead.

Well History: Well was completed in the Dakota formation in 1979. Perforations are at 7250'-7464'. Tubing string includes 2-3/8" tubing. Total cumulative production was: 48.687 mmcf gas, 1800 bbls water, and 0 bbls condensate.

### **Procedure:**

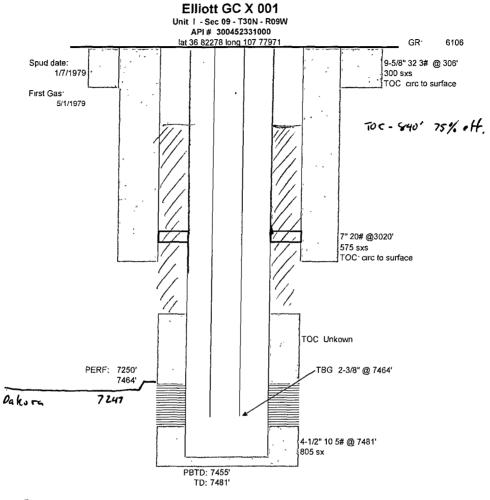
1. Notify BLM and NMOCD 24 hours prior to beginning operations P&A process to ensure scheduling of personnel to witness CBL results and cement placement. (Note: This is a **BLM** regulated well)

> NMOCD: (505) 334-6178 (Kelly Roberts) BLM: (505) 599-8907 (Kevin Schneider)

- 2. Move in and rig up service rig.
- 3. Blow down and kill well.
- 4. POOH with 2-3/8" tubing.
- 5. RU e-line. Run gauge ring down to top of perfs to ensure wellbore is clear and CIBP will set.
- 6. RIH w/ CIBP and set ~50' above perforations +/- 7200'. Load well from the bottom up with fluid and pressure test casing to 500 psig. This will confirm the integrity of the casing. 4/2

7. Run CBL to determine cement top behind 2-3/8". Based on cement top it will be determined where perforations and cement placement behind casing will be required to properly P&A well. Contact Engineer to discuss steps forward. Top of cement is unknown. Report CBL results to regulatory agencies and engineer.

# **Current Wellbore**



Top: 25,000# Middle: 100,000#'s Lower 6,000 gal of frac fluid alone

lower sand 83,500# 20/40 snd x-linked gel

Squeezed 100 sx class b cmt in lower and middle perfs before upper perf/frac

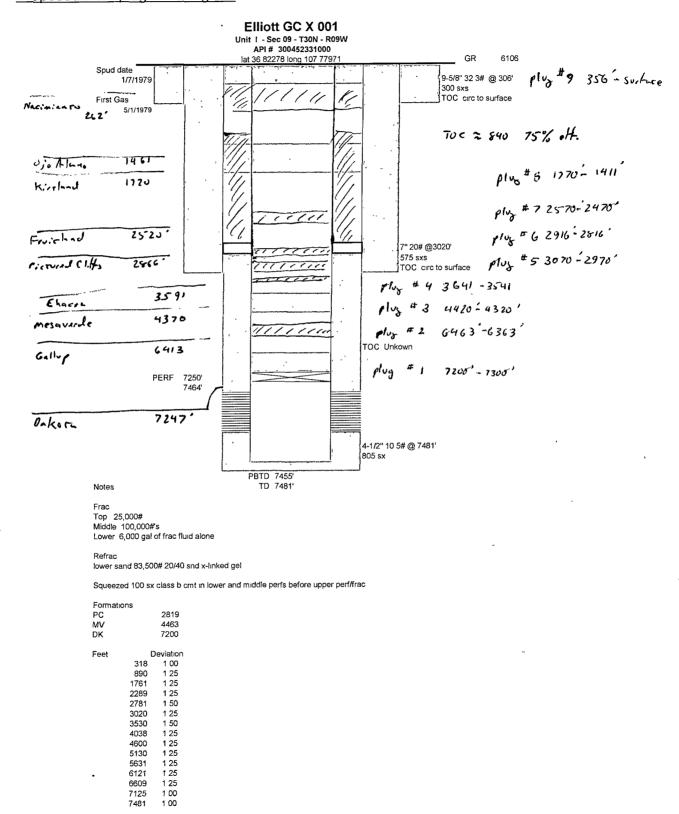
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OK		7200
eet		Deviation
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	890	1.25
	1761	1.25
	2289	1.25
	2781	1.50
	3020	1 25
	3530	1.50
	4038	1 25
	4600	1.25
	5130	1 25
	5631	1 25
	6121	1.25
	6609	1 25
	7125	1 00
	7481	1 00

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The order and detail of the next steps could change based on the CBL results but assumes cement covers the Ojo Alamo zone.

- 8. Nipple down wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 500 psi (This is greater than 200 psi above BHP). Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover. This is a P&A so the well should be kept dead through-out the procedure.
- 9. Spot balanced cement plug at intervals to properly isolate fluid bearing formation as determined by regulatory agency requirements.
- 10. Establish circulation behind casing to surface. Pump a cement plug behind casing and inside 25% casing from 180° to surface (~10.9 bbls). Pump excess cement as necessary. Solution 180° to surface (~10.9 bbls).
- 11. Perform underground disturbance and hot work permits. Cut off tree.
- 12. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface. Watch for cement fall back or seepage. All annulus and casings must be full of cement with no fall back prior to installing abandonment marker.
- 13. Install well marker and identification plate per BLM requirements.
- 14. RD and release all equipment.

# Proposed P&A plug Set Program



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: 1 Elliott Gas Com X

# **CONDITIONS OF APPROVAL**

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Dakota plug from 7200' 7100'.
- b) Place the Gallup plug from 6463' 6363'
- c) Place the Mesaverde plug from 4420' 4320'.
- d) Place the Chacra plug from 3641' 3541'.
- e) Place the 7" casing plug from 3070' 2970'.
- f) Place the Pictured Cliffs plug from 2916' 2816'.
- g) Place the Fruitland plug from 2570' 2470'.
- h) Place the Kirtland/Ojo Alamo plug from 1770' 1411'.
- i) Place the Nacimiento/Surface plug from 356' to surface inside and outside the 4 ½" casing.

Note plugs can be combined and cement must be placed behind the 4 ½" casing where plugs are to be set and where is no cement in the annulus.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.