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. NMSF079244A

SUNDRY N	OTICES AND REPORTS ON WELLS	
Do not use this	form for proposals to drill or to re-enter an	
abandanad wall	Hea form 3160-3 (APD) for such proposals	

6. If Indian, Allottee or Tribe Name

	SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agro	ement, Name and/or No		
,	Type of Well Oil Well					8. Well Name and No. GALLEGOS CAN		
Name of Operator BP AMERICA PRODUCTION CO. E-Mail: hlavacl@bp.com E-Mail: hlavacl@bp.com				ILAVA		9. API Well No. 30-045-07330-0	00-S1	
3a. Address 3b. Phone			3b. Phone i Ph: 281-3	366-4081 BASIN FRUI		10. Field and Pool, or BASIN FRUITL WEST KUTZ P		
	Location of Well (Footage, Sec., 7	T., R., M., or Survey Description	1)			11. County or Parish,		
	Sec 19 T28N R12W SENE 17 36.65007 N Lat, 108.14690 W					SAN JUAN COI	MN ,YTNL	
	12. CHECK APP	ROPRIATE BOX(ES) TO) INDICAT	E NATURE (OF NOTICE, RE	PORT, OR OTHER	R DATA	
	TYPE OF SUBMISSION			TYP	E OF ACTION			
	Notice of Intent	Acidize	□ De	epen	☐ Producti	on (Start/Resume)	☐ Water Shut-Off	
	_	Alter Casing	□ Fra	cture Treat	Reclama	tion	☐ Well Integrity	
0	Subsequent Report	Casing Repair	□ Ne	w Construction	n Recomp	lete	Other	
Ε	Final Abandonment Notice	Change Plans	Plu ⊠	ig and Abando	n	irily Abandon		
, [Convert to Injection	□ Plu	ig Back	☐ Water D	isposal		
C T	letermined that the site is ready for fi COMPLIANCE WELL- Please The above mentioned well has	expedite P&A approval	2008. The w	vell was place	d in TA status	RCVD OCT	28'10	
	1/2009. There is no further p					and the state of t	S.DIV.	
ŀ	Please see attached P&A proc			TACHED IS OF AP		Land James		
			H ₂ S∃	POTENTIAL	EXIST			
14. 1	hereby certify that the foregoing is	true and correct. Electronic Submission #9 For BP AMERICA mmitted to AFMSS for prod	PRODUCTIO	N ČO., sent to	the Farmington			
N	arnc (Printed/Typed) CHERRY F	HLAVA		Title REG	ULATORY ANAI	YST		
Si	gnature (Electronic St	ubmission)		Date 10/1.	2/2010			
		THIS SPACE FO	R FEDERA	L OR STAT	E OFFICE US	E		
Appro	oved By STEPHEN MASON		N. V.	TitlePETRO	LEUM ENGINEE	:R	Date 10/26/201	
— — Conditi certify 1	ons of approval, if any, are attached that the applicant holds legal or equivould entitle the applicant to conduct	table title to those rights in the s	ot warrant or subject lease	Office Farm	-			



Formation:

General Information:

FT/PC

BP - San Juan Wellwork Procedure

GCU 36 P&A

Job Objective:

Plug & Abandonment

Project #:		Date:	October 11, 2010
Engineer: Base Engineer: Production TL:	Jesse Gracia Nona Morgan Kenny Anderson	p. 281.366.1946p.p. 505.	c. 713.828.0715 c.
Well Info	ormation:	Produc	tion Data:
API Number:	3004507330	_ Tubing Pressure:	0 psi
BP WI:		_ Casing Pressure:	0 psi
Run #:		Line Pressure:	0 psi
Surface Location:	Sec 19 T28N-R12W		
Meter Number:	97263	Anticipated Uplift:	0 MCFD `
Well FLAC:			
			1.33
Lease FLAC:			
	H2S - potential	Gas BTU:	
Regulatory Agency: Compressed (Y/N):	BLM & NMOCD	_ Artificial Lift Type: _	
Rig Budget: P&C Budget: Swabbing Budget:	Budget and Wor	Work Order #	:
· fr	nput From:		
	Policy Rem	inder	•

Any changes to the written procedure requires an MOC MOC (except BoD/SoR) approvals during execution have been delegated to the OTL

Basic Job Procedure:

- 1. Drill out cement and CIBP to 1424'
- 2. P&A wellbore

Safety and Operational Details:

H2S WELL Please Follow all Safety Precautions to avoid exposure! ALL work shall comply with DWOP E&P Defined Operating Practice. This well is currently in T&A status.

Well History:

Event	Date	Comment	

Operational History:

Had high H2S readings after acid treatment in 2008.

Event	Date	Comment	

PE Comments:

Standard Location Work:

1. Perform pre-rig site inspection. Per Applicable documents, check for:

1. Size of Location	6. Wash (dikes requirement)	11. Landowner Issues
2. Gas Taps	7. Raptor nesting	12. Protection Barriers Needed
3. Other Wells	8. H2S	13. Critical Location
4. Other Operators	9. Wetlands	14. Anchors
5. Production Equipment,	10. Location of Pits	15. ID Wellhead

Note: Allow 48 hours for One Call if earth pit is required.

- 2. Perform second site visit, checking anchors and barriers if needed. Ensure lines are marked so that they clearly designate pit locations. Discuss and turnover handover sheet with someone from operations team and wells team. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
- 3. Identify wellhead for proper flange connections for slickline and rig BOP equipment.
- 4. Work through CoW and P&S to develop a plan to move or relocate equipment in order to meet well servicing objectives.
- 5. Follow NAG-GP 10-30-1 and San Juan Operating H₂S contingency plan to evaluate and address H₂S in this well. This well had high H₂S readings after a prior acid treatment but subsequent tests did not indicate H₂S. The well should be monitored for H₂S throughout the P&A process in case H₂S is encountered again.

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Rig Procedure:

- 6. Notify NMOCD 24 hours prior to performing the work. NMOCD: Kelly Roberts (505) 334-6178 x116 BLM: Kevin Schneider (505) 599-8907
- 7. Hold pre-job safety meeting and discuss JSA with everyone on location. JSA should cover: heavy lifts, pinch points, location hazards, pressure hazards, proper PPE and 8 golden rules of safety/IFF. Make sure everyone has preformed their LOTO and knows they have the right to stop the job.
- 8. Check and record casing pressure and Bradenhead pressures. Record all pressures into OpenWells. Notify engineer if Bradenhead pressures exist. Check gas H₂S content and treat if the concentration is > or equal to 10 ppm.
- 9. MIRU workover rig.
- 10. Insure double casing valves are installed. Spot and lay 3" line and tank to blow down well, record pressures in OpenWells while blowing well down if possible.
- 11. Check that tubing hanger lock-down pins are fully engaged.
- 12. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the flow back tank.
- 13. Pressure test BOPs to 250psi and 750psi for 5 min each and record passing tests in OpenWells. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover. Remove wellhead back pressure valve if used.
- 14. Pull tubing hanger
- 15. Pick up 2 3/8" drill collars and bit for 7" casing.
- 16. RIH with bit and drill collars and drill out cement to CIBP @ 1286'
- 17. Weight test CIBP with tubing string weight.

 Contingency: If the CIBP does not weight test, mill up slips on CIBP and push down to 2nd CIBP @ 1424'. P&A cement program will need to address setting another barrier over the FT-C perforations if this is the case.
- 18, Load hole with water.
- 19. RU wireline unit with lubricator and single ram wireline BOP. Pressure test lubricator and BOP to **250 and 750 psig for 5 min each** and document in OpenWells.
- 20. Run CBL from CIBP to surface.
- 21. Send results to Engineer and provide a copy to the regulatory agencies for review.

- 22. Pressure test **4 1/2**" casing to **600 psi**. (Insure that regulatory agencies have been advised that integrity test is being performed). The pressure test must conform to the following requirements:
 - i. Pressure test must be at least 30 minutes long after pressure has stabilized
 - ii. Test must be recorded on chart recorder with a maximum 2 hr clock and 1000 psi maximum spring. The recorder must have been calibrated within the last 6 months.
 - iii. Chart must be signed by witnesses before submitting to agencies

Note: The following cementing program may change pending the results of the CBL. If needed, per CBL results, we will perforated the 7" casing at the required depths using a 3' casing gun loaded at 6spf, 60° phasing..

- 23. Mix correct batch of G-Class or Type III cement. Spot cement plug on top of CIBP. This will P&A the PC and Fruitland formations. (includes 50' excess)
 - i. Capacity of 7" casing: 0.2273 ft3/ft
 - ii. Plug of 1286' 700' \rightarrow 586 \rightarrow 133 ft3
- 24. Spot G-Class or Type III cement plug inside 7" casing (and outside if needed) in order to P&A the Kirtland and Ojo Alamo formations.
 - i. Capacity of 7" casing: 0.2273 ft3/ft
 - ii. Plug of 280' → 64 ft3

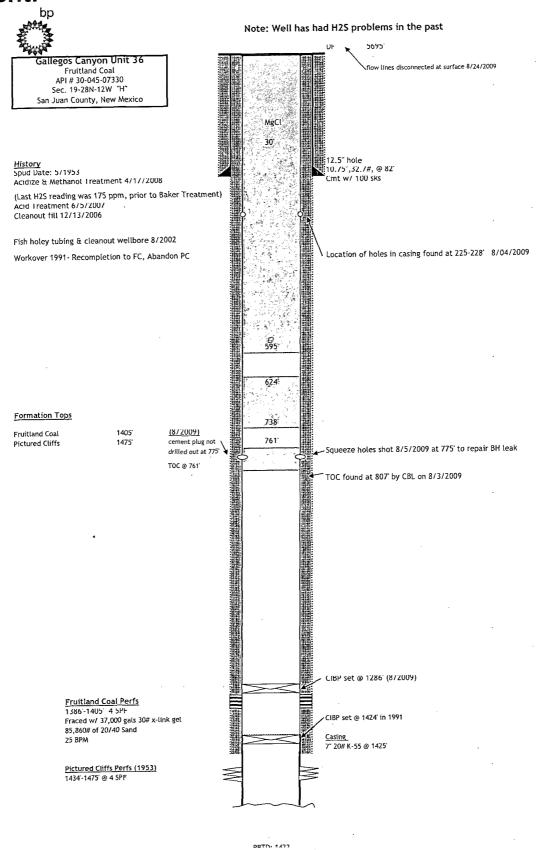
Contingency: If the CBL does not indicate bond around the surface casing shoe, we will perforate @ ~130' and attempt to circulate cement to surface outside of the 7" casing.

- 25. Perform underground disturbance and hot work permits. Cut off casing head. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.
- 26. Install well marker and identification plate per regulatory requirements. Dry hole marker should contain the following: (Please confirm with sundry notice)

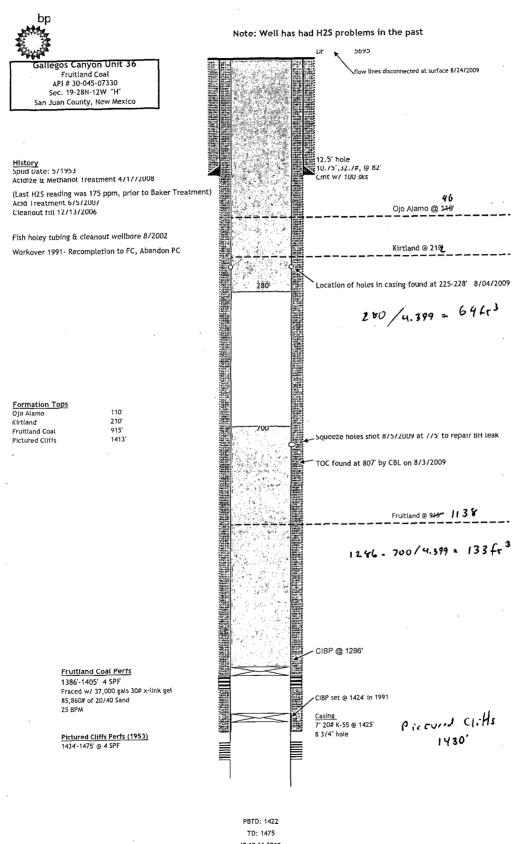
BP American Production Co. GCU 36 API 30-045-07330 Unit letter G, Sec 19, T28N, R12W 1758' FNL, 1013' FEL San Juan, NM Pictured Cliffs & Fruitland Coal Formations Federal Lease number: SF 079244-A P&A date - TBD

- 27. RD and release all equipment. Remove all LOTO equipment.
- 28. Ensure all reports are loaded into OPENWELLS. Print out summary of work and place in Well file. Notify Sherri Bradshaw (326-9260) of completed P&A and Cherry Hlava.

Current:



Proposed:



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: 36 Gallegos Canyon Unit

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) You are required to have H2S monitoring equipment and personnel on location during plugging operations.

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.