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Form 3160-5 (April 2004) I	UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MAN	S INTERIOR AGEMENT		0.6 2018	5. Lease Seria	FORM APPRO OM B No. 1004 Expires: March	OVED 1-0137 31, 2007	
SUNDRY	NOTICES AND REP	PORTS O	NWELLS	r: Field Offic	e I-89-IN	D-58		
Do not use the abandoned w	nis form for proposals to ell. Use Form 3160-3 ()	o drill or A APD) for su	to re-enter uch proposa	ad Manage Is.	1769 nlf Indian,	Allottee or Tr	ribe Name	
SUBMIT IN TR	7. If Unit or CA/Agreement, Name and/or No.							
1. Type of Well ↓ Oil Well □ □	Gas Well				9 Wall Man	and No.		
	Navaje	#10						
2. Name of Operator BP America	9. API We	ll No.						
3a. Address	o. (include area a	ode)	30-045-08145					
3901 East Plano Parkway,	, Plano, TX, 75074	972-509-7	022		10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)				Dakota Hogback			
990' FNL and 330' FEL, Sec			11. County or Parish, State San Juan, NM					
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, R	EPORT, OR	OTHER D	ATA	
TYPE OF SUBMISSION			TYPE OF	ACTION				
TTE OF SUDIVISION			TIFEOF	ACTION			100	
Votice of Intent	Acidize	Deepen		Production (Sta	rt/Resume)	Water Sh	nut-Off	
Nouce of Intent	Alter Casing	Fracture Tr	reat	Reclamation		Well Inte	egrity	
Subsequent Report		New Cons	truction	Recomplete		Other_		
Final Abandonment Notice	Change Plans	Plug and A	bandon	Temporarily Ab	Jandon			
	Convert to Injection	Plug Back		Water Disposal				
determined that the site is ready In August 2008 this well w this small leak re-appeared	y for final inspection.) was re-entered and replugged b ed and herewith BP plans to re	ecause there enter this we	was a small oil Il again and re	leak at the bas pair the proble	e of the P&A m per the atta	marker. In ached proces	September 2015 dure.	
A closed loop system will be utilized for waste fluid. Contact Information - Anderson Engineering, Chuck Roberts, 972-509-7022 (office) and					Notify NMOCD 24 hrs prior to beginning operations			
A-	Plus Well Service, Bill Clark, 5	505-325-2627 ((office) and 505	-320-4174 (cell	l) the Surface R	Ri.	lan cita vicit	
This well is focated on the	The ray of the second sec	IS	and be the rep.	Cochinative ror	uie bui mee n	Color a contra	011 0010	BUIDIO
BLM'S APPROVAL	OR ACCEPTANCE OF THE	AND					OIL CONS.	DIV DIST.
ACTION DOES NO OPERATOR FROM AUTHORIZATION	I OBTAINING ANY OTHER REQUIRED FOR OPERAT	TIONS	SE	E ATTAC TIONS O	HED FO	OR NOVAL	JUN	L O 2016
14. I hereby certify that the form Name (Printed/Typed)	egoing is true and correct							
Charles Rober	ts		Title Proje	ct Manager				
Signature Should	Date 06/02/2016							
1	A THIS SPACE FOR	FEDERAL	OR STAT	E OFFICE	USE			
Approved by	Title	PE	D	Date 6/9	/16			
certify that the applicant holds lega which would entitle the applicant to	al or equitable title to those rights i to conduct operations thereon.	in the subject lea	ase Office	FFO			and the second s	
Title 18 U.S.C. Section 1001 and Tit States any false, fictitious or fraudu	le 43 U.S.C. Section 1212, make it a ilent statements or representations	a crime for any as to any matter	person knowing within its jurise	ly and willfully diction.	to make to any	department o	r agency of the U	nited
(Instructions on page 2)								

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A-PLUS WELL SERVICE, INC.

P.O. BOX 1979 Farmington, New Mexico 87499 505-325-2627 * fax: 505-325-1211

PLUG & ABANDONMENT PROCEDURE

Navajo #10

Dakota Hogback Field 990' FNL & 330' FEL, Section 19, T-29-N, R-16-W (Unit A - NE/NE) San Juan Co., New Mexico API No. 30-045-08145

Page 1 of 3

May 18, 2016

Well Information:

Spud: Oct 14,1924

Completed: Nov 19,1924

10" Casing set at 27'; pulled.

8-5/8" Casing set at 41'; may have been pulled, not visible at surface.
6-5/8" Casing set at 399'; no cementing details; 1999 Sundry reports it set at 339'.
4-3/4" Casing set at 652'; no cementing details.

Dec 1999: Amoco re-entered the 4-3/4" casing and drilled out to 605' in 4 days; filled inside of casing with cement; no report of CBL or perforating the 4-3/4" casing.

Aug 2008: BP America re-entered and re-plugged the well as follows: Hot tapped the 6-5/8" casing and installed a 2" bradenhead valve. Drilled out to 394' and pressure tested casing to 1000 PSI, held OK. Ran CBL and BLM approved plugging procedure. Perforate 3 holes at 230' and establish rate 2 bpm at 700 PSI outside the 4-3/4" casing.

Plug #1 with CR at 200', squeeze 50 sxs Class B, 46 sxs below CR and 4 above with TOC at 159'. WOC.

Connect pump line onto the bradenhead valve and establish a rate of 1/8 bpm at 300 PSI into the 4-3/4" x 6-5/8" bradenhead annulus.

Perforate 3 holes at 150' and attempt to establish rate; pressured up to 800 PSI, slow bleed down. Then perforate 3 holes at 80'; set CR at 120'; established circulation between perforations at 150' and 80'.

Plug #2 with CR at 120', squeeze total of 49 sxs Class B cement: 1) block squeeze 25 sxs below CR into perfs at 150' and up to perfs at 80' to fill annulus and the inside of 4-3/4" casing to surface; 2) sting out of CR; 3) continue to mix and pump 12 sxs to fill from top of CR to surface out the casing valve; 4) TOH and LD all tubing; 5) squeeze 12 more sxs down the 4-3/4" casing into the perfs at 80', final pressure 1/2 bpm at 500 PSI. Shut in and WOC.

Found cement at surface inside the 4-3/4" casing; did not cut off. Reinstalled marker.

A-PLUS WELL SERVICE, INC.

Navajo #10

May 18, 2016

RE-ENTRY & PLUGGING PROCEDURE:

- Note: All cement volumes use 100% excess outside the pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.33 ppg, sufficient weight to balance all exposed formation pressures. Cement used will be Class B mixed at 15.6 ppg with a 1.18 cf/sx yield.
- This project will use a closed loop system for waste fluids.
- Set a water storage tank on location for fresh water. Set a steel waste pit and mud pit. Set a rig base beam. Have a portable toilet on location.
- 3. Complete a Hot Work permit, then hot tap the P&A marker for a 1" valve. Record pressure reading if present. Remove the P&A marker from the 4-3/4" casing collar at surface. Flush the casing and the bradenhead annulus with water. Remove the 4-3/4" x 6-5/8" "washer" from the wellhead. Prepare the 6-5/8" casing stub for a slip on collar. Weld a 7" slip-on collar onto the 6-5/8" casing stub. Install a 7" x 2" swedge with valve onto the well. Shut in well. Weld 4 1" pad eyes onto the slip-on collar.
- 4. Comply with all applicable BLM and NMOCD regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Lay relief line to the steel waste pit. Install a tubing head with outlets, companion flange and a 7-1/16" 3M BOP with stripping head. Pressure Test BOP and wellhead to 1000 PSI.
- 5. Pick up 4-1/8" drill bit and a 3" drill collar. Drill out the cement inside the 4-3/4" casing down to the CR at 120'. Continue to pick up drill collars while drilling. Note the returns and/ or oil flows, if any, while drilling. Circulate the well clean and then TOH with the bit.
- 6. Pick up a 5-3/4" pilot mill, bit sub and a 10' 2-7/8" EUE N-80 pup joint. Rig up a cable pull down assembly between the wellhead pad eyes and the power swivel stiff arms with 9/16" wire rope and 4 snatch blocks. Establish circulation and drill / mill out the 4-3/4" casing and annulus cement in the 6-5/8" casing. Drill down two 10' pup joints then replace with a full joint of 2-7/8" tubing. Repeat this procedure until 4-3/4" casing and cement inside the 6-5/8" casing is removed to 120'. Do not drill out the CR at 120'. Circulate the well clean.
- Pressure test the 6-5/8" casing to 500 PSI. Note: the perforations at 80' may leak; attempt to establish rate. TOH with the tubing and LD the bit.
- Rig up a wireline unit. Run a CBL from 120' to surface. Note: the perforating depth may be modified after the bond log information is available.
- Perforate 6 HSC holes in the 6-5/8" casing at 118'. Attempt to establish rate into the squeeze hole up to 800 PSI.

A-PLUS WELL SERVICE, INC.

Navajo #10

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RE-ENTRY & PLUGGING PROCEDURE

- 10. TIH with tubing and spot 150 gallons 7-1/2% HCl acid in the 6-5/8" casing. Pump into the new squeeze holes at 118' and 2008 squeeze holes at 80'. TOH with tubing.
- 11. Set a wireline 6-5/8" cement retainer at 110'. Then TIH with retainer stinger and tubing. Sting into the CR. Establish rate under the CR into the squeeze holes at 118'. May communicate to the 2008 squeeze holes at 80'.
- Plug #1 (118' to Surface): Mix approximately 50 sxs Class B cement with an expanding agent:
 - squeeze cement under the CR outside the 6-5/8" casing until a pressure of 800 PSI is obtained;
 - sting out of the CR and fill the inside of the 6-5/8" casing up to surface, circulate good cement out the casing valve;
 - 3) TOH and LD the tubing;
 - 4) fill the casing with cement;
 - and then hesitation squeeze cement down the 6-5/8" to get a final squeeze pressure of 800 PSI. WOC.
- 13. ND the BOP and wellhead. Cut off the casing below ground level. Fill the casing as necessary. Weld a cap plate (with a 1" weep hole in the center) onto the top of the 6-5/8" casing. Then weld the p&a marker on to the cap plate over the weep hole. Install a 1/2" threaded outlet on the maker at 6" above ground level; install a valve with the handle removed. RD and MOL. Clean up the location from the drilling and cementing operations.
- 14. Reclaim location and access road per the BLM and Navajo Nation approved restoration plan.

Navajo #10 Proposed Plugged Well Hogback Dakota

990' FNL & 990' FEL, Section 19, T-29-N, R-16-W,

San Juan County, NM / API #30-045-08145 Lat: N 36.716810 / Long: W 108.5594500

Today's Date: 5/17/2016

Spud: 10/14/1924

Elevation: 5003' GL

Completed: 11/19/1924 Open Hole Plugged: 1925 Re-entered: Dec 1999 Re-entered: Aug 2008

Proposed:

 Drill out cement inside the 4-3/4" casing down to CR at 120';
 Then mill out the 4-3/4" casing and annulus cement down to 120';
 Pressure test casing, run a CBL and then perforate 6 holes at 118'.
 Fill 6-5/8" casing with expanding cement, squeeze this cement outside the casing into the annulus.

> (2008) Cement inside 4-3/4" casing, from the 1999 p&a, was drilled out from surface to 394'; pressure test casing to 600 PSI, held OK; then ran a CBL log and then set the two plugs described above.

> (1999) Cement inside 4-3/4" casing, from the 1925 original p&a, was drilled out from surface to 605'; it is assumed this cement continues down to the open hole interval.

Dakota Top @ 652'

8-3/4" hole



8-5/8" Surface Casing @ 41' Cement with ??

2008 Perforation at 80' may have penetrated 8-5/8" casing

Re-Plug: Perforate at 118'; Set a 6-5/8" CR at 110'; Mix approx. 50 sxs Class B with expanding agent; squeeze under CR, fill casing and TOH; squeeze down casing into perfs at 80' to fill the annulus.

6-5/8" Surface Casing @ 399' Cement with ??

Can observe cement at the surface in the 6-5/8" x 8-5/8" annulus.

TOC Unknown

4-3/4" Casing set @ 652' Cement with ??

Open Hole to 664' in 1924

TD 664'

Navajo #10 Current Plugged Well Hogback Dakota

990' FNL & 990' FEL, Section 19, T-29-N, R-16-W, San Juan County, NM / API #30-045-08145 Lat: N 36.7168100 / Long: W 108.5594500

Today's Date: 5/17/2016

Spud: 10/14/1924

Elevation: 5003' GL

Completed: 11/19/1924 Open Hole Plugged: 1925 Re-entered: Dec 1999 Re-entered: Aug 2008

(2008) Plug #2: with 3 holes at 150' and -80'; set CR at 120'; mix and pump total of 49 sxs: 1) block squeeze 25 sxs into perfs at 150' to circulate cement out at 80' then to surface out casing valve; 2) sting out of CR; 3) fill 4-3/4" casing from CR to surface with 12 sxs; 4) TOH with tubing; 5) pump another 12 sxs down the casing into the 4-3/4" x 6-5/8" annulus.

(2008) Plug #1: perforate 3 holes at 230' and set CR at 200'; mix and pump 50 sxs Class B; squeezed 46 sxs below CR and spot 4 sxs above up to 159'.

> (2008) Cement inside 4-3/4" casing, from the 1999 p&a, was drilled out from surface to 394'; pressure test casing to 600 PSI, held OK; then ran a CBL log and then set the two plugs described above.

(1999) Cement inside 4-3/4" casing, from the 1925 original p&a, was drilled out from surface to 605'; it is assumed this cement continues down to the open hole interval.

8-3/4" hole

Dakota Top @ 652'

TD 664'

8-5/8" Surface Casing @ 41' Cement with ?? (No records)

(2008) After plug #1, casing was pressure tested to 800 PSI, held OK; connect pump line to 4-3/4" x 6-5/8" BH annulus and pressured up to 300 PSI, bleed down to zero in 5 seconds. Then perforate 3 holes at 150'; establish rate 1/8 BPM at 300 PSI; then perforate 3 holes at 80'; set CR at 120' and establish circulation between two sets of perforations; then plug #2.

6-5/8" Surface Casing @ 399' Cement with ?? Can observe cement at the surface in the 6-5/8" x 8-5/8" annulus.

TOC Unknown

4-3/4" Casing set @ 652' Cement with ?? (No records)

Open Hole to 664' in 1924

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE 6251 COLLEGE BLVD.

FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment Well: Navajo #10

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) 564-7750.

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.