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 NMSF078828A
6	If Indian, Allottee or Tribe Name

SUNDRY Do not use the abandoned we		NMSF078828A 6 If Indian, Allottee or Tribe Name EASTERN NAVAJO				
SUBMIT IN TRI	7	7 If Unit or CA/Agreement, Name and/or No NMNM78391C				
Type of Well ☐ Oil Well ☐ Gas Well ☐ Oth		8 Well Name and No GALLEGOS CANYON UNIT 184				
2 Name of Operator BP AMERICA PRODUCTION	VΑ	9 API Well No 30-045-07207-00-S1				
3a Address 200 ENERGY COURT FARMINGTON, NM 87401	3b Phone No (include area code) Ph: 281.366.4081			10 Field and Pool, or Exploratory BASIN DAKOTA		
4 Location of Well (Footage, Sec., 7 Sec 28 T28N R12W NENE 11 36.637300 N Lat, 108.111620	60FNL 1190FEL	n)	11 County or SAN JUA			and State UNTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, REP	ORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYPE OF ACTION				
If the proposal is to deepen direction: Attach the Bond under which the wo following completion of the involved testing has been completed Final Al determined that the site is ready for f	ally or recomplete horizontally, rk will be performed or provide operations If the operation re bandonment Notices shall be fil inal inspection) nentioned well and finds well bore.	New Plug Plug Plug Plug Rever Plug Plug Plug Plug Plug Rever Plug Plug Plug Plug Rever Plug Plug Plug Rever	w Construction Recomplete Other g and Abandon Temporarily Abandon Well Integrity Other			
14. Thereby certify that the foregoing is C Name (Printed/Typed) CHERRY	# Electronic Submission For BP AMERICA ommitted to AFMSS for pro	A PRODUCTIÓN	l CO, sent to th	he Farmington 11/01/2011 (12JX	ystem	,
Signature (Electronic S	Suhmission)		Date 10/31/2			
C.B. (Electronic C	THIS SPACE FO	OR FEDERAL				
Approved By STEPHEN MASON	TitlePFTROLI	TROLEUM ENGINEER		Date 11/07/2011		
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applic	uitable title to those rights in th		Office Farmington			
Title 18 U S C Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C Section 1212, make it a statements or representations as	a crime for any pe s to any matter wi	rson knowingly ar	nd willfully to mak n	e to any department o	r agency of the United

bp

BP - San Juan Wellwork Procedure

<u>GALLEGOS CANYON UNIT 184-DK</u> <u>30-045-0720700</u>

Unit letter A SEC. 28, T28N, R12W San Juan, NM Dakota OGRID Number: 778 P&A date – Feb /12

Basic Job Procedure:

- 1. POH with 2-3/8" tbg. @ 6,005'.
- 2. PU x RIH w/ 2-3/8" tbg and CR. Set CR @ 5,850'. Pump x Squeeze cmt below (DK formation). Sting out x pump 60 sxs (500') on top of CR. WOC and TWT at 4,900'. Displace with fresh water. PT to 500 psi.
- 3. Place cement plugs:
 - 2450'-1950'(Cliff House); PT 500 psi or TWT.
 - 1500-1200' (PC). 1947 1057
 - 500-surface
 - . Install well marker and identification plate per regulatory requirements. RD MO Location

Plus Mesaverde 3021' - 2781'

Current Wellbore Diagram



Gallegos Canyon Unit 184

Dakota Basin API # 30-045-0720700 Sec 28, T-28-N, R-12-W San Juan County, New Mexico

Well History

Spudded on 10/13/64 Completed in DK on 11/02/64 Workover in 1/26/2001 to swab fluid on well &

clean out fill 9/29/08: ReperI'd Dakota and squeezed to repair casing. Ran CBL and noise log PerI'd and Squeezed at 607' Reperforated Dakota zone, cleaned out and ran tubing. 9/28/2009: Fluid level shot. Fluid at 4242' from surface.

Formation Tops
Picture Cliffs

1395 Cliff House 2320 Gallup 5034 Main Dakota 5932

2-3/8", 4.7#, J-55 EUE TBG @ 6005'

1st stage: 400 sks w/6% gel, 2# tuff plug/sk tailed with 200 sks neat cmt Circ to tool 2nd stage: 1000 sks w/6% gel, 2# tuff plug/sk Cement circulated to surface

Est. TOC @ surface from vol. calculations Pressure tested csg/cmt to 3500 psi

Circulated to surface

Surface Casing Data

12 1/4" Hole 8 5/8", J-55, 24# @ 344' Cmt w/225 sks cmt w/2% CaCl2 Cmt Circulated to surface Pressure tested csg/cmt o 700 psi TOC. Circulated to surface

Perf'd at 607'. Pumped 3 bbls micro matrix cmt.

<u>Length</u>
i
5995 21
0.93
4.1
0 92
2 25

DV Tool @ 4263'

Added Dakota perf

5934-5975

Perforation Data

6010' - 6022', 2SPF, 24 holes

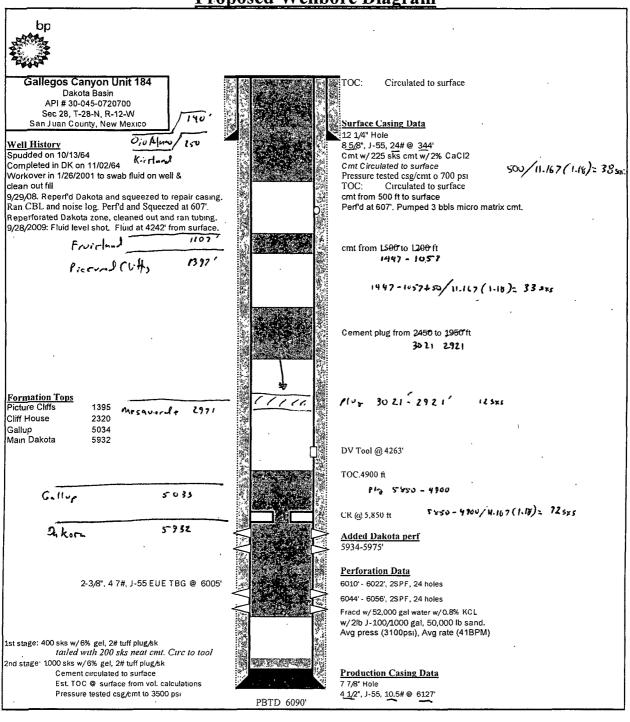
6044' - 6056', 2SPF, 24 holes

Fracd w/52,000 gal water w/0.8% KCL w/2lb J-100/1000 gal, 50,000 lb sand. Avg press (3100psi), Avg rate (41BPM)

Production Casing Data

7 7/8" Hole 4 1/2", J-55, 10.5#@ 6127

Proposed Wellbore Diagram



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: 184 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) Increase cement volume to bring the top of the Dakota/Gallup plug to 4900'.
- b) Place the Mesaverde plug from 3021' 2921'.
- c) Place the Pictured Cliffs/Fruitland plug from 1447' 1057'.

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.