

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-045-13324</b>	
5. Indicate Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name <b>Gallegos Canyon Unit</b>	
8. Well Number <b>187</b>	
9. OGRID Number	
10. Pool name or Wildcat <b>FC/ PC/ Dakota</b>	

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America respectfully requests to Plug and Abandon the above mentioned well.

Please see attached procedure.

RCVD JUL 23 '07  
OIL CONS. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Toya Colvin TITLE Regulatory Analyst DATE 7/19/07

Type or print name Toya Colvin  
For State Use Only

E-mail address: Toya.Colvin@bp.com

Telephone No. 281-366-7148

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY: H. Villanueva TITLE \_\_\_\_\_ DATE JUL 26 2007

Conditions of Approval (if any):

Give OCD 24 notice to witnesses

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## SJ Basin Well Work Procedure

**Well Name:** GCU 187  
**Version:** 1.0  
**Date:** July 18th, 2007  
**Repair Type:** P&A

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### Objective: P&A Well.

1. Pull completion.
2. Set cement plugs.
3. Restore location.

**History:** Spudded in 1965. Well was temporarily abandoned in 2002. Decided to P&A wellbore.

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**Pertinent Information:** No Gas BTU content for this well. **BH Test (07/2002) – 0.5 psi on BH, 57 psi on CSG. Released about 1 pint of clear water; no flow or pressure after that. Has had bradenhead pressures in the past, but all blew down really quick and not serious.**

Location:	T29N-R12W-Sec30	API #:	30-045-13324
County:	San Juan	FlacWell:	290328
State:	New Mexico	Meter #:	No Meter
Horizon:	DK	Engr:	Kevin McNeilly
		ph	(505) 326-9485
		fax	(505) 326-9251

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### Normal Operating Procedures:

NOP-7803-01 At Risk Well Locations  
NOP-7805 Lock Out Tag Out GCU  
NOP-7812-01 Underbalanced Well Control Tripping  
NOP-7814-02 Flowback Operations

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### Dispensations:

- Section 9.4.1 (Issue #5, May 2003) – Document #K5500000267  
Stripping rubber to be used instead of Hydril / Annual Preventer.
- Section 24.2 (Issue #5, May 2003) – Document #K5500000261  
No dual mechanical barriers in annulus during all well servicing

### Procedure:

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for

equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.

2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
3. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string.
4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
5. **Notify BLM and NMOCD 24 hours prior to beginning P&A operations.**  
Charlie Perrin (505) 334-6178 (ext 11).  
Steve Mason (505) 599-6364
6. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
7. Blow down well.
8. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**
9. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP.
10. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip hanger out of hole.
11. No production tubing currently in hole.
12. TIH with 2-3/8" work string (well does have 4-1/2" casing) and set CIBP at 1425'. Load well with fluid. Pressure test casing. If casing doesn't test RIH with Retrievable plug and find hole in casing. Contact production engineer if squeezes are required.
13. RIH to 1425'. Pump and displace a 375' plug from 1425' to 1050'. This will be the PC/Fruitland coal formation plug.
14. POOH to 470' (~120 below)'. Pump and displace a 470' plug from 470' to surface inside 4-1/2" casing. This should put cement across surface casing shoe all the way to surface. Also will cover the Ojo Alamo and Kirtland Shale.
15. WOC for 12 hours.
16. Perform underground disturbance and hot work permits. Cut off tree.
17. Install 4' well marker and identification plate per NMOCD requirements.

18. RD and release all equipment. Remove all LOTO equipment
19. Ensure all reports are loaded into DIMS. Print out summary of work and plan  
Notify Sherri Bradshaw of completed P&A.



## Current Wellbore

### Gallegos Canyon Unit 187

Dakota  
API # 30-045-13324  
T-29N, R-12-W, Sec. 30  
San Juan County, New Mexico

#### History

Spud Date: 1/1965

Temp Abandon. (2002) - T&A

#### Formation Tops

PC	1195'
Lewis	1405'
Mesaverde	2955'
Manocs	3940'
Gallup	4868'
Dakota	5732'

Plug #3 - 3,219' - 3,119'

Plug #2 - 4,901' - 4,756'  
12 sx cmt

Plug #1 - 5,650' - 5,500'  
12 sx cmt

Dakota Perfs (1965)  
5,738' - 5,870' w/ 3 SPF

G L. 5348'

12-1/4" Hole  
8-5/8", 24#, J-55 @ 351'  
Cmt w/ 250 sks (class 'G' cement)

Cmt Retainer @ 3219

Possible Hole in CSG (3251' - 3291')  
2002 - Could not pressure test

Dakota Frac (1965)  
44,000 gal water & 40,000# sand  
31,500 gal water & 30,000# sand

7-7/8" Hole  
4 1/2", 10.5#, @ 5923'  
Cmt w/ 1500 sacks

PBTD: 5887'  
TD: 5923'

KDM (7/3/07)



## Post P&A w/ Plugs

### Gallegos Canyon Unit 187

Dakota  
API # 30-045-13324  
T-29N, R-12-W, Sec. 30  
San Juan County, New Mexico

#### History

Spud Date: 1/1965  
Temp Abandon. (2002)

#### Formation Tops

PC	1195'
Lewis	1405'
Mesaverde	2955'
Manocs	3940'
Gallup	4868'
Dakota	5732'

Proposed 25 sxs cmt plug  
0' - 470'

Proposed 25 sxs cmt plug  
1050' - 1425'

Proposed CIBP @ 1425'

Plug #3 - 3,219' - 3,119'

Plug #2 - 4,901' - 4,758'  
12 sx cmt

Plug #1 - 5,650' - 5,500'  
12 sx cmt

Dakota Perfs (1965)  
5,738' - 5,870' w/ 3 SPF

G.L. 5348'

12-1/4" Hole  
8-5/8", 24#, J-55 @ 351'  
Cmt w/ 250 sks (class 'G' cement)

Cmt Retainer @ 3219

Possible Hole in CSG (3251' - 3291')  
2002 - Could not pressure test

#### Dakota Frac (1965)

44,000 gal water & 40,000# sand  
31,500 gal water & 30,000# sand

7-7/8" Hole  
4 1/2", 10.5#, @ 5923'  
Cmt w/ 1500 sacks

PBTD: 5887'  
TD: 5923'

KDM (7/12/07)