

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-045-24169
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
8. Well Number 173E
9. OGRID Number 000778
10. Pool name or Wildcat Basin Mancos

4. Well Location Unit Letter E : 1925 feet from the North line and 635 feet from the West line Section 29 Township 29N Range 12W NMPM San Juan County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5303'

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator
BP America Production Company

3. Address of Operator
P.O. Box 3092 Houston, TX 77253

4. Well Location
Unit Letter **E** : **1925** feet from the **North** line and **635** feet from the **West** line
Section **29** Township **29N** Range **12W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5303'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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 19.15.7.14 NMAC. For Multiple Completions Attach wellbore diagram of proposed completion or recompletion

It is BP's main intention to recomplate the above mentioned well. However, should the wellbore fail the MIT, BP's contingency plan is to plug and abandon the entire wellbore.

Please see attached contingency P & A procedure.

RCVD JUN 6 '12
OIL CONS. DIV.
DIST. 3

Notify NMOC 24 hrs
prior to beginning
operations

extend mu/mc plug to 4024'

Spud Date:

4/8/1980

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ranad Abdallah TITLE Regulatory Analyst DATE 06/05/2012

Type or print name Ranad Abdallah E-mail address: Ranad.Abdallah@bp.com PHONE: 281-366-4632
For State Use Only

APPROVED BY: Brandell TITLE Deputy Oil & Gas Inspector,
Conditions of Approval (if any): District #3 DATE 6/18/12

AV



BP - San Juan Wellwork Procedure

GCU 173E

30-045-24169

Unit letter E SEC. 29, T29N, R12W
1925' FNL, 635' FWL
San Juan, NM
Dakota Formation
Lease number: N/A, this is a FEE well

The Purpose of this procedure is to outline the permanent abandonment on the GCU 173E in the event the casing fails an MIT.

Basic Job Procedure:

1. With the rig already on location and the casing has failed the MIT
2. Set Cement Retainer above Dakota perforations at 5730'
3. Run CBL (segmented) from the CR to surface. Provide copy of CBL to engineer and regulatory agency representative (s)
4. Abandon Dakota/Gallup formation by placing cement below retainer and on top of CR (5730') to 4790'. Shoot holes and place cement outside pipe as needed.
Dakota/Gallup Plug: PBTd (5968') – 5790' → 19 bbls
5. Isolate the Mesa Verde and Mancos Formations by placing cement from 3965' - 2680'. Shoot holes and place cement outside pipe as needed.
MV Plug: 2965 - 2681 → 1235' + 50' excess → 20.5 bbls
6. Isolate Chacra by placing cement from 2292' - 2092'. Shoot holes and place cement outside pipe as needed.
PC/FT Plug: 2292' - 2092' → 150' + 50' excess → 3.2 bbls
7. Isolate Lewis, Picture Cliffs and Fruitland by placing cement from 1350' - 1070'. Shoot holes and place cement outside pipe as needed.
PC/FT Plug: 1350' - 1070' → 230' + 50' excess → 4.5 bbls
8. Isolate surface casing shoe by shooting holes above ToC and circulating cement to surface.
9. Continue pumping cement until returns are good cement (14.6 ppg cement) are seen at surface
10. Cut tree off just below Braden Head. Top off all annuli with cement
11. Install well marker and identification plate per regulatory requirements.

BP American Production Co.
GCU 173E
API 30-045-24169
Unit letter E SEC. 29, T29N, R12W
1925' FNL, 635' FWL
San Juan, NM
Dakota Formation
Lease number: N/A/ FEE
P&A date – TBD

12. RD and release all equipment.
13. Ensure all reports are loaded into OpenWells. Print out summary of work and place in well file.
Notify Sherri Bradshaw (505-326-9260) and Cherry Hlava (281-366-4081) of completed P&A

Policy Reminder

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

Current Wellbore Diagram



GCU 173E
Dakota
30-045-24169
T-29N, R-12-W, Sec 29
San Juan County, New Mexico

Ground Elevation 5303'

Well History

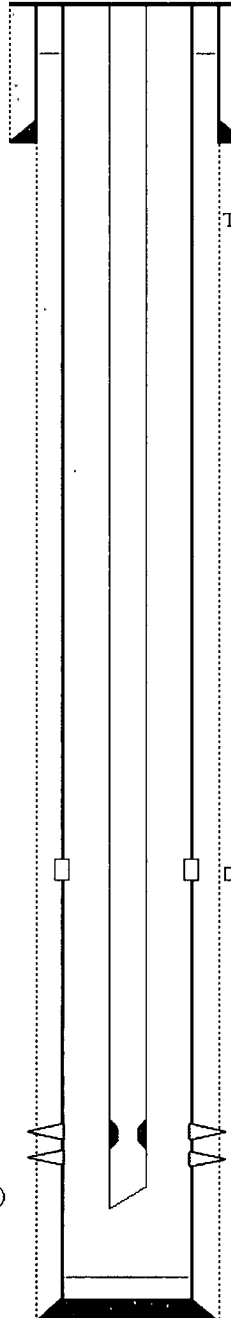
4/8/80: Spud date
4/17/80 Date T D Reached
11/5/80 Dakota completion date
9/13/94 Well Servicing
2/26/2001: Bradenhead Repair report Ran CBL
Tested csg at 1200# Cleaned out and relanded tubing
3/18/10 Wireline Retrieved slip stop Tagged fill at 5895'
Ran pressure/temp gauge and gradient survey Set
new slip stop at 5803' Nipple at 5810'

Formation Tops

Pictured Cliffs	1165
Lewis Shale	1194
Mesaverde	2910
Mancos Shale	3974
Gallup	4888
Mancos Shale	5259
Greenhorn	5660
Graneros Shale	5712
Graneros Dakota	5758
Main Dakota	5824

2 3/5" F-Nipple w/ 1 7/8" ID at 5857 1'

2 3/8" tubing set at 5859 1' (2001)



TOC @ surface

Surface Casing Data

(12 1/4" hole)
8-5/8", 24# @ 318'
Cmt w/ 315 sx Class B Neat 2% CaCl2
Circulated to surface

TOC Unknown, no cement returned to surface
during either stage

Tubing Details

Tubing, 184 jts, 2 3/5", 4 7#, J-55, T&C

Length

5859 1

DV Tool @ 4142'

Perforation Data

5760-5772'
5834-5858'
with 2 spf, total of 72, 0 38" holes
Fraced w/ 71,000 gals frac fluid &
208,000# 20/40 sand

Production Casing Data

(7 7/8" hole)
4 1/2", 10 5# @ 5968'
Stage 1 340 sx Class B Neat, 50 50 Poz,
6% gel, 2# Med. Tuf plug per sx, 0 8% fluid loss ad
Tailed w/ 100 sx class B Neat
Stage 2 740 sx Class B Neat, 65 35 Poz,
6% gel, 2# Med. Tuf plug per sx, 0 8% fluid loss ad
Tailed w/ 100 sx class B Neat

PBD 5968'
TD 6000'

Proposed Wellbore Diagram (P&A)

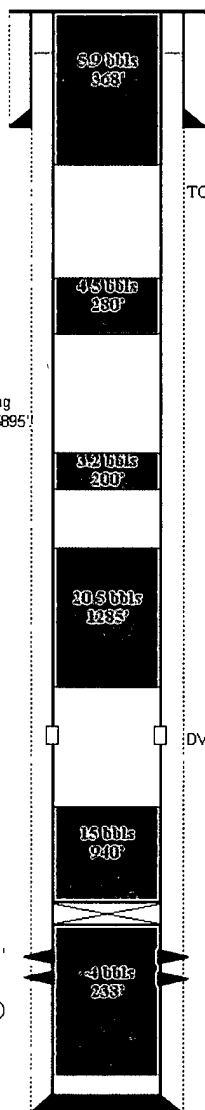


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Dakota
30-045-24169
T-29N, R-12-W, Sec 29
San Juan County, New Mexico

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Surface Plug
368'-surface
Surface Casing Data
(12 1/4" hole)
8-5/8", 24# @ 318'
Cmt w/ 315 sx Class B Neat 2% CaCl2
Circulated to surface

TOC Unknown, no cement returned to surface during either stage

Formation Tops

OJAM - Not present or outcropping at surface
KTLD - behind conductor
FTLDC - 750'
FTLD Sand - 947'
FTLD Cahn - 1170' (Gas Bearing)
PCCF - 1206' (Gas Bearing)
LWIS - 1350' (Gas Bearing)

Chacra Plug
2292'-2092'

CHCR - 2192' est (perm/wet - no logs/estimate)

Mesa Verde/Mancos Plug
2680'-3965'

MVRD/CLFH - 2780' est (perm/wet - no logs/estimate)
MVRD/MENF - 2903' est (perm/wet - no logs/estimate)
MVRD/PNLK - 3634' est (perm/wet - no logs/estimate)
MNCS - 3965' est (perm/wet - no logs/estimate)

DV Tool @ 4142'

Dakota/Gallup Plug
4790'-PBTD

U_GLLP - 4890' (gas/oil bearing)
M_GLLP - 5140' (gas/oil bearing)
SNST - 5328'
GRNR - 5650'
GRRS - 5713'
DKOT/TWLS - 5758' (gas bearing & perforated)
DKOT/PGTE - 5832' (gas bearing & perforated)
CBRO - 5869' (gas bearing)
L_CBRO - 5899' (gas bearing)
ENCN - 5914' (gas bearing)
BRCN - 5963' (gas bearing)
TD - 5968'

Cement Retainer @ 5730'

Perforation Data

5760-5772'
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with 2 spf, total of 72, 0 38" holes
Frac'd w/ 71,000 gals frac fluid &
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PBTD 5968'
TD 6000'