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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMSF078905

6. If Indian, Allottee or Tribe Name
EASTERN NAVAJO

7. If Unit or CA/Agreement, Name and/or No.
892000844F

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

8. Well Name and No.
GALLEGOS CANYON UNIT 216E

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: RANAD ABDALLAH
E-Mail: ranad.abdallah@bp.com

9. API Well No.
30-045-24271-00-S1

3a. Address
200 ENERGY COURT
FARMINGTON, NM 87401

3b. Phone No. (include area code)
Ph: 281-366-4632

10. Field and Pool, or Exploratory
BASIN

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 14 T28N R12W NESE 1825FSL 0805FEL
36.659880 N Lat, 108.074270 W Lon

11. County or Parish, and State
SAN JUAN COUNTY, NM

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☒ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

This is a revised sundry submission for the subject well regarding the NOI for a recompletion. Please cancel the electronic submission # 178228, submitted on 1/7/2013. It had an incorrect C-102 plat and pool name attached.

RCVD JAN 25 '13
OIL CONS. DIV.
DIST. 3

BP America production Company requests permission to re- complete into the Pinon Gallup & downhole commingle production with the existing Basin Dakota.

The DK (71599) & Pinon Gallup (50380) pools are pre-approved for DHC per NMOCD Case No. 12520; Order No. R-11567 effective 04/26/2001. Although the interest owners are not identical between these two pools, this same order established approval for subsequent applications for DHC of production in wellbores within the GCU without notice to the unit interest owners. Therefore, no

DHC 3750 AZ Prior to PERFS Present CAL to AGENCIES for REVIEW

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #187394 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by STEVE MASON on 01/23/2013 (13SXM1415SE)

Name *(Printed/Typed)* RANAD ABDALLAH — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 01/21/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON — Title PETROLEUM ENGINEER — Date 01/23/2013

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD PV

Additional data for EC transaction #187394 that would not fit on the form

32. Additional remarks, continued

additional notification is required prior to DHC approval.

Production is proposed to be allocated based on the subtraction method using the DK projected future decline. That production will serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Pinon Gallup pool.

Commingling production downhole in the subject well from the proposed pools will not reduce the value of the total remaining production.

Please see attached DHC procedure, DK decline forecast, wellbore schematics& C-102 plat.

45District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised July 16, 2010
Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-24271	50380	Pinon Gallup Pool

[4] Property Code	[5] Property Name	[6] Well Number
000570	Gallegos Canyon Unit	216E

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	BP America Production Company	5776

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	14	28N	12W		1825	South	805	East	San Juan

[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

RCVD JAN 25 '13
OIL CONS. DIV.
DIST. 3

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
80			R-3103

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

Sec. 14

SF- 078828-A

SF- 078905

805'

1825'

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Ranad Abdallah 1/18/2013
Signature Date

Ranad Abdallah
Printed Name

Ranad.Abdallah@bp.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Previously Filed

Certificate Number

Gallegos Canyon Unit 216E
Dakota
API # 30-045-24271
T-28N, R-12-W, Sec. 14
San Juan County, New Mexico

1. MIRU
2. Install barriers
3. ND wellhead/NU BOPE
4. Test BOPE
5. Pull barriers
6. Pull Production tubing
7. Run bit and scraper
8. Run mill if necessary
9. Set 4.5" 8-10K Composite Bridge Plug @ 6100'
    a. Dakota Perfs @ 6146' – 6281'

NOTE: We are temporarily isolating the Dakota for the purpose of a Gallup Re-Completion

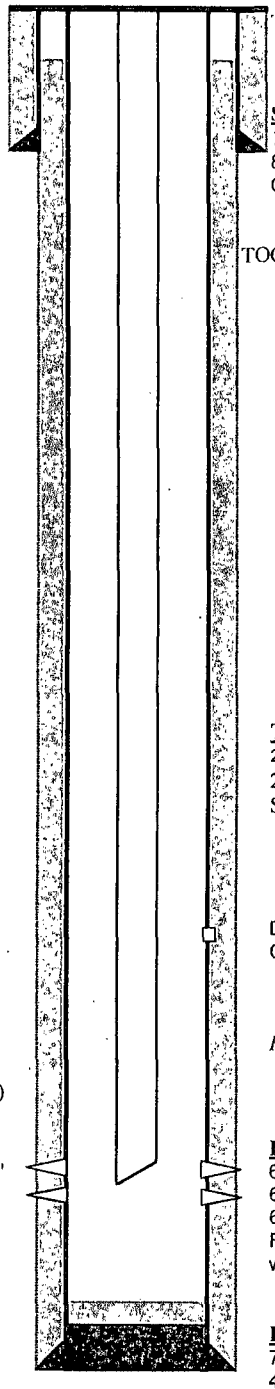
10. Run CBL and PND logs
11. MIT casing (pressure to be determined, we may frac down a frac string)
12. Shoot perfs in the Gallup/Mancos
13. ND BOPE
14. NU Frac stack
15. RDMO
16. Perform injection test
17. Frac Gallup/Mancos using 70Q N2 foam and ~100K#s of sand
18. Flowback Gallup formation
19. MIRU Service Unit
20. RIH with mill and mill up all plugs to PBTD (6365')
21. Run production tubing and land @ 6320'
22. Run Pump and rods

Current WBD:

bp

Gallegos Canyon Unit 216E
Dakota
API # 30-045-24271
T-28N, R-12-W, Sec. 14
San Juan County, New Mexico

Ground Elevation 5776'
KB Measurement 5789'



TOC: Circulated to surface

Surface Casing Data
12 1/4" hole
8-5/8", 24# @ 312'
Cmt w/ 315 sx (class 'B' cement)

TOC: unknown

Tubing Details — **Length**

2 3/8" EUE 8RD J55 ST&C	199 jts
2 3/8" standard seat nipple	1 jt
Saw tooth collar	1jt

DV tool at 4536
Cmt Stage 2: 1100 sx Class B

PROPSED PERFS: 5680 - 5705'

Dakota Perforation Data
6146-6152'
6162-6170'
6216-6280'
Fraced 55,000 gals frac fluid
w/ 157,000# 20/40 sand

Production Casing Data
7 7/8" Hole
4 1/2", 10.5# @ 6408'
Cmt Stage 1: 560 sx Class B

PBTD: 6365'
TD: 6408

Well History
Spud Date: 4/22/1980
Completion Date: 6/18/1980
6/18/09: Wirelined. Broaded to 6290', no tight spots.
Old plunger stop covered in scale..
Set new plunger stop at 6275'.
11/10/10: Wirelined: Tagged fluid at 5930'.
Retrieved plunger and slip stop. Impression block tagged fill at 6355'. Reran plunger slip stop at 6283'.
5/4/09: Bradenhead test: CP = 60psi, TP = 50psi.
Bradenhead Press = 0.1 psi.

Deviation	Depth
0.5	320
0.5	840
0.5	1337
0.75	1831
0.5	2700
0.5	3228
0.75	3721
0.75	4250
1	5421
0.75	5746
1	5902
0.5	6408

Formation Tops

PC	1650
Lewis Shale	1684
Mesaverde	3270
Mancos Shale	4285
Gallup	5270
Mancos Shale	5725
Greenhorn	6046
Graneros Shale	6106
Graneros DK	6146
Main DK	6216

Nipple Data (unknown)

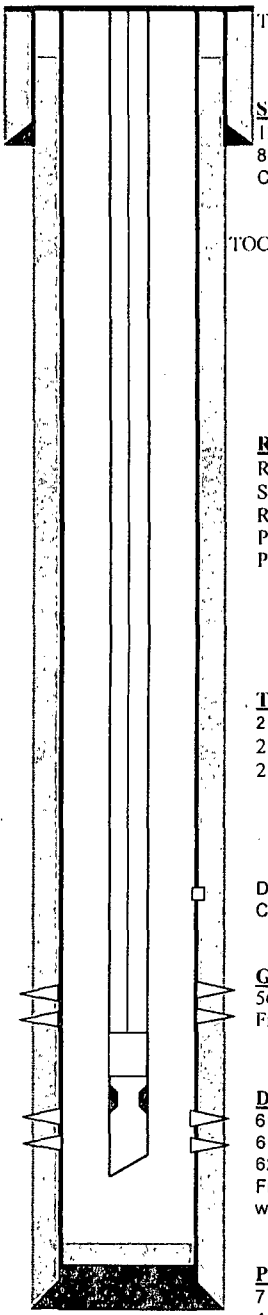
End of Tubing at 6304'

Final Wellbore Diagram:

bp

Gallegos Canyon Unit 216E
Dakota / Gallup
API # 30-045-24271
T-28N, R-12-W, Sec. 14
San Juan County, New Mexico

Ground Elevation 5776'
KB Measurement 5789'



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0.5	320
0.5	840
0.5	1337
0.75	1831
0.5	2700
0.5	3228
0.75	3721
0.75	4250
1	5421
0.75	5746
1	5902
0.5	6408

Rod Details
ROD PUMP, RHAC 2"X1.25" x 13'
SINKER BARS: 1-1/2" X 125'
ROD 0.75" D
PONY ROD 0.75"
POLISHED ROD 1.25"

Tubing Details
2 3/8" 4.7# J-55 EUE 8RD ST&C
2 3/8" sProfile "F" Nipple
2 3/8" Mule Shoe

Formation Tops

PC	1650
Lewis Shale	1684
Mesaverde	3270
Mancos Shale	4285
Gallup	5270
Mancos Shale	5725
Greenhorn	6046
Graneros Shale	6106
Graneros DK	6146
Main DK	6216

DV tool at 4536
Cmt Stage 2: 1100 sx Class B

Gallup Perforation Data
5680' - 5705'
Frac'd w/ ~100k#'s of sand

Profile "F" Nipple, 1.78" ID

End of Tubing at 6320'

Dakota Perforation Data
6146-6152'
6162-6170'
6216-6280'
Fraced 55,000 gals frac fluid
w/ 157,000# 20/40 sand

Production Casing Data
7 7/8" Hole
4 1/2", 10.5# @ 6408'
Cmt Stage 1: 560 sx Class B

PBTD: 6365'
TD: 6408

GCU 216E Dakota Forecast

Cond Yld (bbl/MMCF) = 2.0

Month	Wet Gas Prdn Rate MCFD	Condensate Prdn Rate BPD
1	88.49	0.18
2	86.90	0.17
3	85.49	0.17
4	84.05	0.17
5	82.73	0.17
6	81.42	0.16
7	80.22	0.16
8	79.03	0.16
9	77.89	0.16
10	76.83	0.15
11	75.78	0.15
12	74.81	0.15
13	73.84	0.15
14	72.91	0.15
15	72.10	0.14
16	71.23	0.14
17	70.42	0.14
18	69.61	0.14
19	68.85	0.14
20	68.09	0.14
21	67.36	0.13
22	66.67	0.13
23	65.98	0.13
24	65.34	0.13
25	64.69	0.13
26	64.06	0.13
27	63.51	0.13
28	62.91	0.13
29	62.35	0.12
30	61.79	0.12
31	61.25	0.12
32	60.72	0.12
33	60.20	0.12
34	59.71	0.12
35	59.21	0.12
36	58.74	0.12
37	58.27	0.12
38	57.81	0.12
39	57.40	0.11
40	56.96	0.11
41	56.54	0.11
42	56.12	0.11
43	55.72	0.11
44	55.32	0.11

45	54.92	0.11
46	54.55	0.11
47	54.17	0.11
48	53.81	0.11
49	53.45	0.11
50	53.09	0.11
51	52.76	0.11
52	52.42	0.10
53	52.09	0.10
54	51.76	0.10
55	51.45	0.10
56	51.13	0.10
57	50.82	0.10
58	50.52	0.10
59	50.22	0.10
60	49.93	0.10
61	49.64	0.10
62	49.36	0.10
63	49.10	0.10
64	48.82	0.10
65	48.56	0.10
66	48.29	0.10
67	48.04	0.10
68	47.78	0.10
69	47.52	0.10
70	47.28	0.09
71	47.03	0.09
72	46.80	0.09
73	46.56	0.09
74	46.32	0.09
75	46.11	0.09
76	45.87	0.09
77	45.65	0.09
78	45.42	0.09
79	45.19	0.09
80	44.96	0.09
81	44.73	0.09
82	44.51	0.09
83	44.29	0.09
84	44.07	0.09
85	43.85	0.09
86	43.62	0.09
87	43.42	0.09
88	43.20	0.09
89	42.99	0.09
90	42.77	0.09
91	42.56	0.09
92	42.35	0.08
93	42.13	0.08
94	41.92	0.08
95	41.71	0.08
96	41.51	0.08

97	41.29	0.08
98	41.09	0.08
99	40.89	0.08
100	40.68	0.08
101	40.48	0.08
102	40.28	0.08
103	40.08	0.08
104	39.88	0.08
105	39.67	0.08
106	39.48	0.08
107	39.28	0.08
108	39.08	0.08
109	38.89	0.08
110	38.69	0.08
111	38.51	0.08
112	38.31	0.08
113	38.13	0.08
114	37.93	0.08
115	37.75	0.08
116	37.55	0.08
117	37.36	0.07
118	37.18	0.07
119	36.99	0.07
120	36.81	0.07
121	36.62	0.07
122	36.44	0.07
123	36.27	0.07
124	36.08	0.07
125	35.91	0.07
126	35.73	0.07
127	35.55	0.07
128	35.37	0.07
129	35.19	0.07
130	35.02	0.07
131	34.84	0.07
132	34.67	0.07
133	34.49	0.07
134	34.32	0.07
135	34.16	0.07
136	33.98	0.07
137	33.82	0.07
138	33.65	0.07
139	33.48	0.07
140	33.31	0.07
141	33.14	0.07
142	32.98	0.07
143	32.81	0.07
144	32.65	0.07
145	32.48	0.06
146	32.32	0.06
147	32.17	0.06
148	32.00	0.06

149	31.84	0.06
150	31.68	0.06
151	31.53	0.06
152	31.37	0.06
153	31.21	0.06
154	31.05	0.06
155	30.90	0.06
156	30.74	0.06
157	30.59	0.06
158	30.43	0.06
159	30.29	0.06
160	30.14	0.06
161	29.99	0.06
162	29.84	0.06
163	29.69	0.06
164	29.54	0.06
165	29.39	0.06
166	29.25	0.06
167	29.10	0.06
168	28.96	0.06
169	28.81	0.06
170	28.66	0.06
171	28.53	0.06
172	28.39	0.06
173	28.25	0.06
174	28.10	0.06
175	27.96	0.06
176	27.82	0.06
177	27.68	0.06
178	27.54	0.06
179	27.40	0.05
180	27.27	0.05
181	27.13	0.05
182	26.99	0.05
183	26.87	0.05
184	26.73	0.05
185	26.60	0.05
186	26.47	0.05
187	26.34	0.05
188	26.20	0.05
189	26.07	0.05
190	25.94	0.05
191	25.81	0.05
192	25.68	0.05
193	25.55	0.05
194	25.42	0.05
195	25.30	0.05
196	25.17	0.05
197	25.05	0.05
198	24.92	0.05
199	24.80	0.05
200	24.67	0.05

201	24.55	0.05
202	24.43	0.05
203	24.30	0.05
204	24.18	0.05
205	24.06	0.05
206	23.94	0.05
207	23.83	0.05
208	23.71	0.05
209	23.59	0.05
210	23.47	0.05
211	23.36	0.05
212	23.24	0.05
213	23.12	0.05
214	23.01	0.05
215	22.89	0.05
216	22.78	0.05
217	22.66	0.05
218	22.55	0.05
219	22.44	0.04
220	22.33	0.04
221	22.22	0.04
222	22.11	0.04
223	22.00	0.04
224	21.89	0.04
225	21.77	0.04
226	21.67	0.04
227	21.56	0.04
228	21.45	0.04
229	21.34	0.04
230	21.23	0.04
231	21.14	0.04
232	21.03	0.04
233	20.93	0.04
234	20.82	0.04
235	20.72	0.04
236	20.61	0.04
237	20.51	0.04
238	20.41	0.04
239	20.30	0.04
240	20.20	0.04
241	20.10	0.04
242	20.00	0.04
243	19.90	0.04
244	19.80	0.04
245	19.70	0.04
246	19.60	0.04
247	19.51	0.04
248	19.41	0.04
249	19.31	0.04
250	19.22	0.04
251	19.12	0.04
252	19.02	0.04

253	18.93	0.04
254	18.83	0.04
255	18.74	0.04
256	18.65	0.04
257	18.56	0.04
258	18.46	0.04
259	18.37	0.04
260	18.28	0.04
261	18.19	0.04
262	18.10	0.04
263	18.01	0.04
264	17.92	0.04
265	17.83	0.04
266	17.74	0.04
267	17.65	0.04
268	17.56	0.04
269	17.48	0.03
270	17.39	0.03
271	17.30	0.03
272	17.22	0.03
273	17.13	0.03
274	17.04	0.03
275	16.96	0.03
276	16.87	0.03
277	16.79	0.03
278	16.70	0.03
279	16.63	0.03
280	16.54	0.03
281	16.46	0.03
282	16.38	0.03
283	16.30	0.03
284	16.21	0.03
285	16.13	0.03
286	16.05	0.03