

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
May 27, 2004

Oil Conservation Division **RECEIVED** Submit to appropriate District Office
1220 South St. Francis Dr. DEC 1 2005
Santa Fe, NM 87505 ☐ AMENDED REPORT
OCD-ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address BC OPERATING, INC. P O Box 50820 Midland, TX 79710		² OGRID Number 160825	
³ Property Code 28803		⁴ Property Name Buffalo Hunt 21	
⁵ Proposed Pool 1 WC Wolfcamp		⁶ Proposed Pool 2 1	

⁷ Surface Location									
UL or lot no. O	Section 21	Township 13S	Range 27E	Lot Idn	Feet from the 660	North/South line South	Feet from the 1980	East/West line East	County Chaves

⁸ Proposed Bottom Hole Location If Different From Surface									
UL or lot no. B	Section 21	Township 13S	Range 27E	Lot Idn	Feet from the 660	North/South line North	Feet from the 1980	East/West line East	County Chaves

Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code Private	¹⁵ Ground Level Elevation 3474
¹⁶ Multiple N	¹⁷ Proposed Depth 9400' MD	¹⁸ Formation Wolfcamp	¹⁹ Contractor Patterson	²⁰ Spud Date As soon as approved
Depth to Groundwater 75		Distance from nearest fresh water well >1000		Distance from nearest surface water >1000
Pit: Liner: Synthetic ☒ 20 mils thick Clay ☐ Pit Volume: 20,000 bbls Drilling Method: Closed-Loop System ☐ 12 outside Fresh Water ☒ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

Per Rick Graham ²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	315	315	0
12-1/4	9-5/8	36	1520	690	0
8-3/4	5-1/2	17	9400	800	4000

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Re-entry procedure attached.

0'-4500' Fresh water mud w/ gel to clean hole & paper for sweeps & seepage. MW 8.4 - 8.6 PPG, Vis 30-36.
4500'-5200' Cut brine mud w/ gel to clean hole & paper for sweeps & seepage. MW 8.8 - 9.2 PPG, Vis 30-36.
5200'-9400' Cut brine / XCD polymer / starch. MW 9.0 - 9.2 PPG, Vis 38-40. WL 6 cc

	Working Pressure	Test Pressure	
Double Ram	3000	3000	
Annular	3000	2500	See attached re-entry procedure.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Phyllis A. Edwards
Title: Regulatory Analyst - Agent for BC Operating, Inc.
E-mail Address: pedwards@conchoresources.com

Date: 12/1/05 Phone: 432-685-4340

OIL CONSERVATION DIVISION	
Approved by: <i>Phyllis A. Edwards</i>	
Title: <i>Regulatory Analyst</i>	
Approval Date: DEC 04 2005	Expiration Date: DEC 04 2006
Conditions of Approval Attached ☐ Submit H2 S	

Contingency Plan & Letter of Statement and C102

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102
Permit 18210

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-005-63415	2. Pool Code 89741	3. Pool Name CHAVES UNDESIGNATED;WOLFCAMP (GAS)
4. Property Code 28803	5. Property Name BUFFALO HUNT 21	6. Well No. 001
7. OGRID No. 160825	8. Operator Name BC OPERATING, INC.	9. Elevation 3474

10. Surface Location

UL - Lot O	Section 21	Township 13S	Range 27E	Lot Idn	Feet From 660	N/S Line S	Feet From 1980	E/W Line E	County CHAVES
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11. Bottom Hole Location If Different From Surface

UL - Lot B	Section 21	Township 13S	Range 27E	Lot Idn B	Feet From 660	N/S Line N	Feet From 1980	E/W Line E	County CHAVES
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12. Dedicated Acres 320.00	13. Joint or Infill	14. Consolidation Code	15. Order No.
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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

	OPERATOR CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	E-Signed By: <i>[Signature]</i> Title: REGULATORY ANALYST Date: 12-1-05	
	SURVEYOR CERTIFICATION	
	<i>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.</i>	
	Surveyed By: Gary Jones Date of Survey: 7/10/2001 Certificate Number: 7977	

COG OPERATING LLC
550 W. Texas, Suite 1300
Midland, TX 79701

432-683-7443 P
432-685-4399 F

December 1, 2005

New Mexico Oil Conservation Division
Attn: Bryan Arrant
1301 W. Grand Avenue
Artesia, NM 88210

RECEIVED

DEC 1 2005
OCD-ARTESIA

Re: APD to re-enter Buffalo Hunt 21-1
Chaves, NM
API 30-005-63415
Drilled and abandoned 11/13/01

Dear Bryan,

I really need your help. I am acting as regulatory agent for BC Operating, Inc. for a re-entry to the above mentioned well. Since the first week in November, I have been trying to submit this re-entry on-line, and just yesterday Jane Prouty e-mailed me that was not possible (e-mail attached).

I am fed-exing this package to you in hope that you can expedite this permit as quickly as possible, since BC Operating, Inc. is very anxious to re-enter this well.

Please call, e-mail, or fax me if you need anything further to approve this re-entry, and I thank you in advance for your cooperation in this matter.

Sincerely,



Phyllis Edwards
Regulatory Agent for BC Operating, Inc.

432-685-4340 phone
432-685-4399 fax
pedwards@conchoresources.com

Enclosures

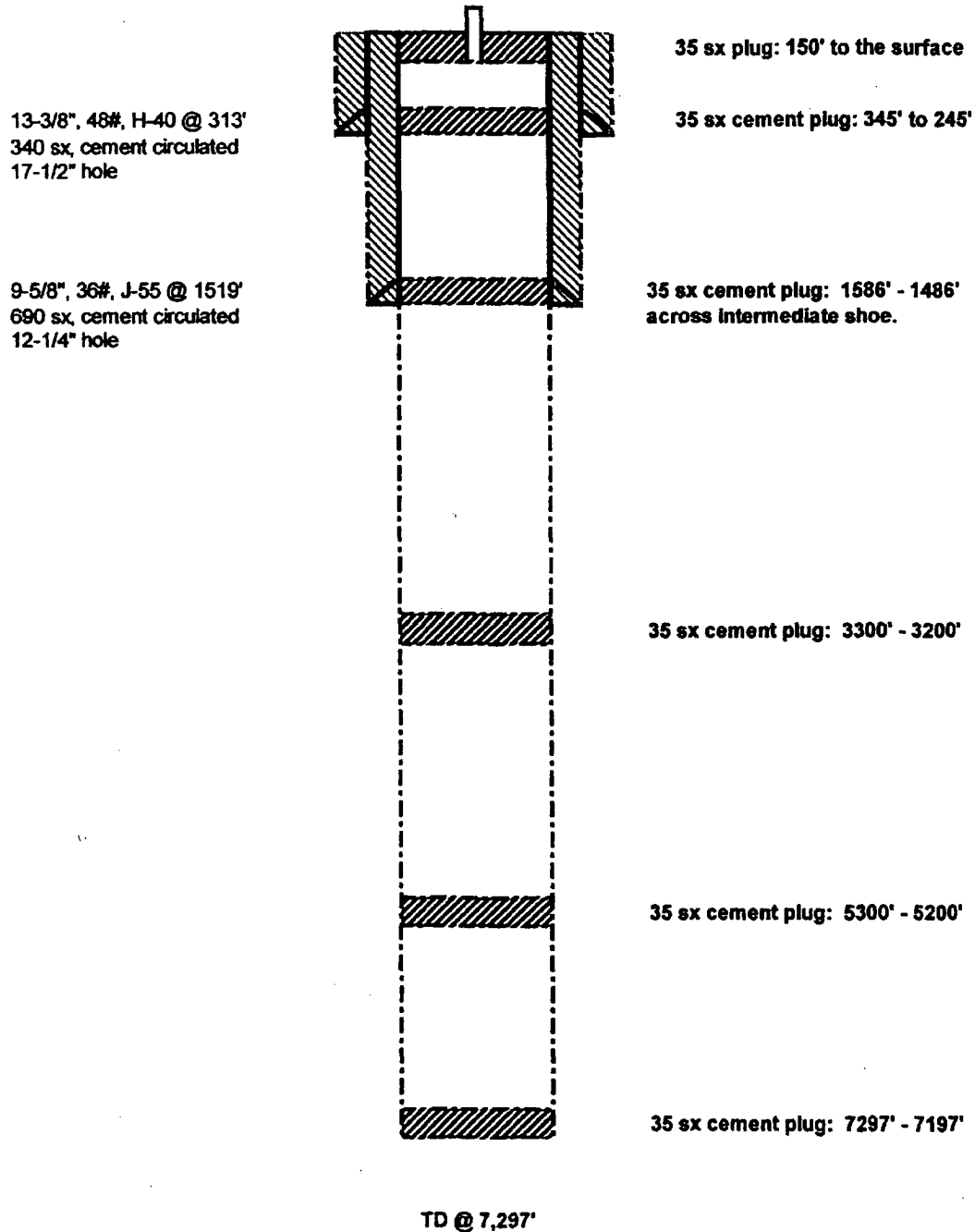
BC OPERATING, INC.
OGRID #: 160825

Buffalo Hunt 21 No. 1
660' FSL, 1980' FEL, Unit O, Sec 21, 13 S, 27 E, Chaves County, NM
API # 30 - 005 - 63415

CURRENT WELL BORE DIAGRAM

Elev. 3474', KB = 3491'

Drilled and Abandoned: 11-14-01



Buffalo Hunt 21-1
Sec.21-T13S-R27E
Chaves County,NM

Re-Entry Procedure:

1. Remove P&A marker. Dig out cellar
2. Install 3000# casing head on 9 5/8" casing stub
3. RU 3000# double ram and 3000# annular BOP. Test Double ram to 3000# and annular to 2500#.
4. Drill out surface plug, cement plug at 345', cement plug at 1586, and cement plug at 3300'. Fresh water will be used to drill out all plugs
5. Use cement plug at 5200' to kick off directionally as per attached directional plan. Drill 8 3/4" hole to +/- 9400' MD. Plan is to land horizontal section at 90 degrees at 5615' TVD. Hole section will be drilled with XCD polymer system.
6. Run 5 1/2" 17# N-80 LTC casing from surface to +/-9400'. Cement w/ class "H" cement plus additives. EST TOC @ +/- 4000'

Proposed mud system:

0'- 4500'.	Fresh water mud w/ gel to clean hole and paper for sweeps and seepage. Mud weight 8.4-8.6 PPG. Vis 30-36.
4500'- 5200'	Cut Brine mud w/ gel to clean hole and paper for sweeps and seepage. Mud weight 8.8-9.2 PPG. Vis 30-36
5200'- 9400'	Cut brine/XCD polymer/starch. Mud weight 9.0-9.2 PPG. Vis 38-40. WL 6cc

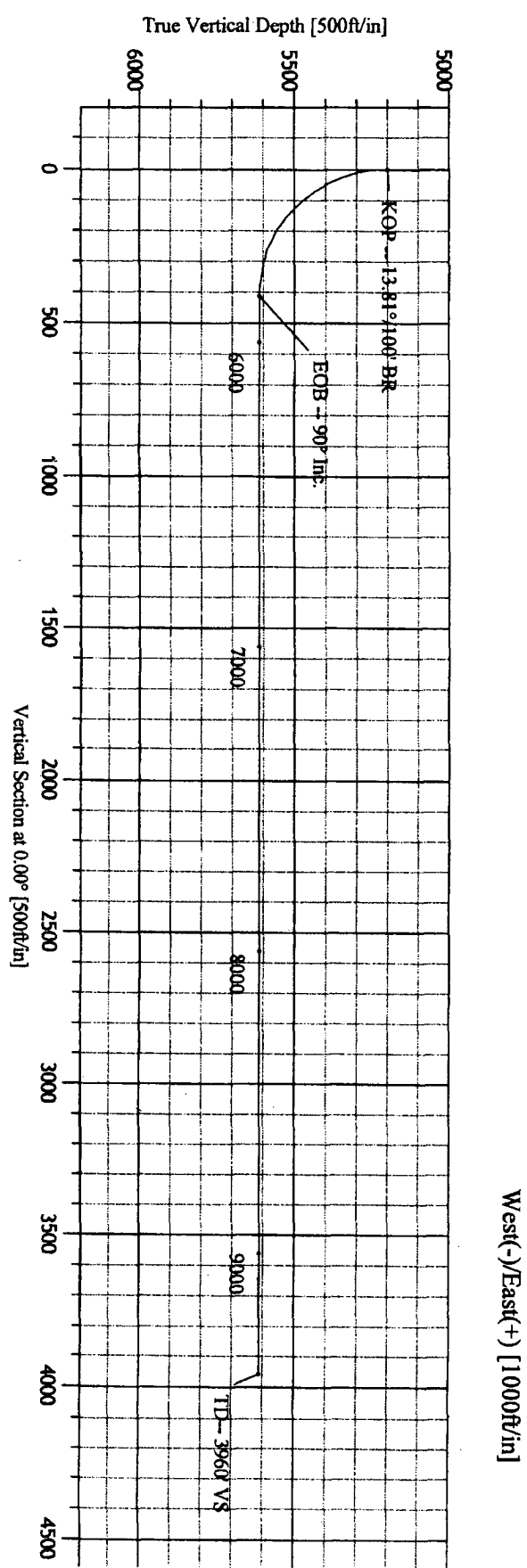
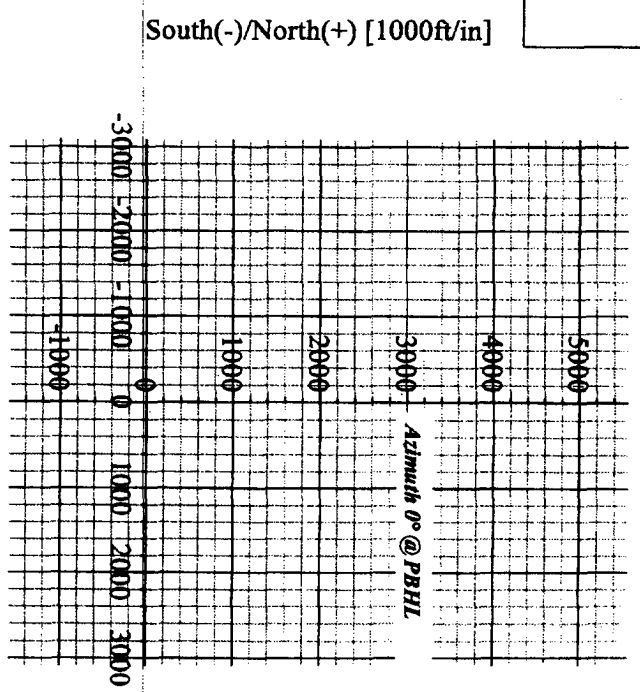
Proposed casing and cement:

0- 9400'	5 1/2" N-80 EUE 8rd casing set @ +/-9400' MD. 5615' TVD. Cement w/ 800 sx Class "H" cement plus additives. Est TOC at +/- 4000'.
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BC OPERATING, INC.
BUFFALO HUNT 21 #1
 Chaves County, NM

SECTION DETAILS									
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec Target
1	5200.00	0.00	90.00	5200.00	0.00	0.00	0.00	0.00	0.00
2	5851.88	90.00	0.00	5615.00	415.00	0.00	13.81	0.00	415.00
3	9396.88	90.00	0.00	5615.00	3960.00	0.00	0.00	0.00	3960.00



Company: COG Field: Wildcat Site: Buffalo Hunt 21 #1 Well: 21-1 Wellpath: 1	Date: 9/14/2005 Co-ordinate(NE) Reference: Well: 21-1, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: User (0.00N,0.00E,0.00Azi) Plan: Plan #2	Time: 09:05:16 Page: 1
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Field: Wildcat

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: Buffalo Hunt 21 #1

Site Position: From: Local Only Position Uncertainty: 0.00 ft Ground Level: 0.00 ft	Northing: ft Easting: ft	Latitude: Longitude: North Reference: Grid Grid Convergence: deg
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Well: 21-1

Slot Name:

Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Northing: ft Easting: ft	Latitude: Longitude:
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Wellpath: 1

Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 0.00 deg Mag Dip Angle: 0.00 deg +E/-W ft Direction deg	Current Datum: SITE Magnetic Data: 9/2/2005 Field Strength: 0 nT Vertical Section: Depth From (TVD) ft +N/-S ft 0.00 0.00 0.00 0.00
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Plan: Plan #2

Date Composed: 9/14/2005
Version: 1
Tied-to: User Defined

Principal: No

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
5200.00	0.00	90.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5851.88	90.00	0.00	5815.00	415.00	0.00	13.81	13.81	0.00	0.00	
9396.88	90.00	0.00	5615.00	3960.00	0.00	0.00	0.00	0.00	0.00	

Section 1 : Start Build 13.81

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5200.00	0.00	90.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5225.00	3.45	0.00	5224.98	0.75	0.00	0.75	13.81	13.81	0.00	0.00
5250.00	6.90	0.00	5249.88	3.01	0.00	3.01	13.81	13.81	0.00	0.00
5275.00	10.35	0.00	5274.59	6.76	0.00	6.76	13.81	13.81	0.00	0.00
5300.00	13.81	0.00	5299.04	11.99	0.00	11.99	13.81	13.81	0.00	0.00
5325.00	17.26	0.00	5323.12	18.68	0.00	18.68	13.81	13.81	0.00	0.00
5350.00	20.71	0.00	5346.76	26.81	0.00	26.81	13.81	13.81	0.00	0.00
5375.00	24.16	0.00	5369.86	36.35	0.00	36.35	13.81	13.81	0.00	0.00
5400.00	27.61	0.00	5392.35	47.27	0.00	47.27	13.81	13.81	0.00	0.00
5425.00	31.06	0.00	5414.14	59.51	0.00	59.51	13.81	13.81	0.00	0.00
5450.00	34.52	0.00	5435.15	73.05	0.00	73.05	13.81	13.81	0.00	0.00
5475.00	37.97	0.00	5455.31	87.83	0.00	87.83	13.81	13.81	0.00	0.00
5500.00	41.42	0.00	5474.55	103.79	0.00	103.79	13.81	13.81	0.00	0.00
5525.00	44.87	0.00	5492.78	120.89	0.00	120.89	13.81	13.81	0.00	0.00
5550.00	48.32	0.00	5509.96	139.05	0.00	139.05	13.81	13.81	0.00	0.00
5575.00	51.77	0.00	5526.01	158.21	0.00	158.21	13.81	13.81	0.00	0.00
5600.00	55.22	0.00	5540.88	178.30	0.00	178.30	13.81	13.81	0.00	0.00
5625.00	58.68	0.00	5554.51	199.25	0.00	199.25	13.81	13.81	0.00	0.00
5650.00	62.13	0.00	5566.86	220.99	0.00	220.99	13.81	13.81	0.00	0.00
5675.00	65.58	0.00	5577.87	243.43	0.00	243.43	13.81	13.81	0.00	0.00
5700.00	69.03	0.00	5587.52	266.49	0.00	266.49	13.81	13.81	0.00	0.00

Company: COG
Field: Wildcat
Site: Buffalo Hunt 21 #1
Well: 21-1
Wellpath: 1

Date: 9/14/2005
Co-ordinate(NE) Reference: Well: 21-1, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: User (0.00N,0.00E,0.00Azi)
Plan: Plan #2

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Section 1 : Start Build 13.81

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5725.00	72.48	0.00	5595.75	290.09	0.00	290.09	13.81	13.81	0.00	0.00
5750.00	75.93	0.00	5602.56	314.14	0.00	314.14	13.81	13.81	0.00	0.00
5775.00	79.39	0.00	5607.90	338.56	0.00	338.56	13.81	13.81	0.00	0.00
5800.00	82.84	0.00	5611.76	363.25	0.00	363.25	13.81	13.81	0.00	0.00
5825.00	86.29	0.00	5614.13	388.14	0.00	388.14	13.81	13.81	0.00	0.00
5851.88	90.00	0.00	5615.00	415.00	0.00	415.00	13.81	13.81	0.00	0.00

Section 2 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5900.00	90.00	0.00	5615.00	463.12	0.00	463.12	0.00	0.00	0.00	0.00
6000.00	90.00	0.00	5615.00	563.12	0.00	563.12	0.00	0.00	0.00	0.00
6100.00	90.00	0.00	5615.00	663.12	0.00	663.12	0.00	0.00	0.00	0.00
6200.00	90.00	0.00	5615.00	763.12	0.00	763.12	0.00	0.00	0.00	0.00
6300.00	90.00	0.00	5615.00	863.12	0.00	863.12	0.00	0.00	0.00	0.00
6400.00	90.00	0.00	5615.00	963.12	0.00	963.12	0.00	0.00	0.00	0.00
6500.00	90.00	0.00	5615.00	1063.12	0.00	1063.12	0.00	0.00	0.00	0.00
6600.00	90.00	0.00	5615.00	1163.12	0.00	1163.12	0.00	0.00	0.00	0.00
6700.00	90.00	0.00	5615.00	1263.12	0.00	1263.12	0.00	0.00	0.00	0.00
6800.00	90.00	0.00	5615.00	1363.12	0.00	1363.12	0.00	0.00	0.00	0.00
6900.00	90.00	0.00	5615.00	1463.12	0.00	1463.12	0.00	0.00	0.00	0.00
7000.00	90.00	0.00	5615.00	1563.12	0.00	1563.12	0.00	0.00	0.00	0.00
7100.00	90.00	0.00	5615.00	1663.12	0.00	1663.12	0.00	0.00	0.00	0.00
7200.00	90.00	0.00	5615.00	1763.12	0.00	1763.12	0.00	0.00	0.00	0.00
7300.00	90.00	0.00	5615.00	1863.12	0.00	1863.12	0.00	0.00	0.00	0.00
7400.00	90.00	0.00	5615.00	1963.12	0.00	1963.12	0.00	0.00	0.00	0.00
7500.00	90.00	0.00	5615.00	2063.12	0.00	2063.12	0.00	0.00	0.00	0.00
7600.00	90.00	0.00	5615.00	2163.12	0.00	2163.12	0.00	0.00	0.00	0.00
7700.00	90.00	0.00	5615.00	2263.12	0.00	2263.12	0.00	0.00	0.00	0.00
7800.00	90.00	0.00	5615.00	2363.12	0.00	2363.12	0.00	0.00	0.00	0.00
7900.00	90.00	0.00	5615.00	2463.12	0.00	2463.12	0.00	0.00	0.00	0.00
8000.00	90.00	0.00	5615.00	2563.12	0.00	2563.12	0.00	0.00	0.00	0.00
8100.00	90.00	0.00	5615.00	2663.12	0.00	2663.12	0.00	0.00	0.00	0.00
8200.00	90.00	0.00	5615.00	2763.12	0.00	2763.12	0.00	0.00	0.00	0.00
8300.00	90.00	0.00	5615.00	2863.12	0.00	2863.12	0.00	0.00	0.00	0.00
8400.00	90.00	0.00	5615.00	2963.12	0.00	2963.12	0.00	0.00	0.00	0.00
8500.00	90.00	0.00	5615.00	3063.12	0.00	3063.12	0.00	0.00	0.00	0.00
8600.00	90.00	0.00	5615.00	3163.12	0.00	3163.12	0.00	0.00	0.00	0.00
8700.00	90.00	0.00	5615.00	3263.12	0.00	3263.12	0.00	0.00	0.00	0.00
8800.00	90.00	0.00	5615.00	3363.12	0.00	3363.12	0.00	0.00	0.00	0.00
8900.00	90.00	0.00	5615.00	3463.12	0.00	3463.12	0.00	0.00	0.00	0.00
9000.00	90.00	0.00	5615.00	3563.12	0.00	3563.12	0.00	0.00	0.00	0.00
9100.00	90.00	0.00	5615.00	3663.12	0.00	3663.12	0.00	0.00	0.00	0.00
9200.00	90.00	0.00	5615.00	3763.12	0.00	3763.12	0.00	0.00	0.00	0.00
9300.00	90.00	0.00	5615.00	3863.12	0.00	3863.12	0.00	0.00	0.00	0.00
9396.88	90.00	0.00	5615.00	3960.00	0.00	3960.00	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5200.00	0.00	90.00	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	
5225.00	3.45	0.00	5224.98	0.75	0.00	0.75	13.81	13.81	0.00	
5250.00	6.90	0.00	5249.88	3.01	0.00	3.01	13.81	13.81	0.00	
5275.00	10.35	0.00	5274.59	6.76	0.00	6.76	13.81	13.81	0.00	
5300.00	13.81	0.00	5299.04	11.99	0.00	11.99	13.81	13.81	0.00	
5325.00	17.26	0.00	5323.12	18.68	0.00	18.68	13.81	13.81	0.00	
5350.00	20.71	0.00	5346.76	26.81	0.00	26.81	13.81	13.81	0.00	
5375.00	24.16	0.00	5369.86	36.35	0.00	36.35	13.81	13.81	0.00	
5400.00	27.61	0.00	5392.35	47.27	0.00	47.27	13.81	13.81	0.00	
5425.00	31.06	0.00	5414.14	59.51	0.00	59.51	13.81	13.81	0.00	

Company: COG
Field: Wildcat
Site: Buffalo Hunt 21 #1
Well: 21-1
Wellpath: 1

Date: 9/14/2005
Co-ordinate(NE) Reference: Well: 21-1, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: User (0.00N,0.00E,0.00Azi)
Plan: Plan #2

Page: 3

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5450.00	34.52	0.00	5435.15	73.05	0.00	73.05	13.81	13.81	0.00	
5475.00	37.97	0.00	5455.31	87.83	0.00	87.83	13.81	13.81	0.00	
5500.00	41.42	0.00	5474.55	103.79	0.00	103.79	13.81	13.81	0.00	
5525.00	44.87	0.00	5492.78	120.89	0.00	120.89	13.81	13.81	0.00	
5550.00	48.32	0.00	5509.96	139.05	0.00	139.05	13.81	13.81	0.00	
5575.00	51.77	0.00	5526.01	158.21	0.00	158.21	13.81	13.81	0.00	
5600.00	55.22	0.00	5540.88	178.30	0.00	178.30	13.81	13.81	0.00	
5625.00	58.68	0.00	5554.51	199.25	0.00	199.25	13.81	13.81	0.00	
5650.00	62.13	0.00	5568.86	220.99	0.00	220.99	13.81	13.81	0.00	
5675.00	65.58	0.00	5577.87	243.43	0.00	243.43	13.81	13.81	0.00	
5700.00	69.03	0.00	5587.52	266.49	0.00	266.49	13.81	13.81	0.00	
5725.00	72.48	0.00	5595.75	290.09	0.00	290.09	13.81	13.81	0.00	
5750.00	75.93	0.00	5602.56	314.14	0.00	314.14	13.81	13.81	0.00	
5775.00	79.39	0.00	5607.90	338.56	0.00	338.56	13.81	13.81	0.00	
5800.00	82.84	0.00	5611.76	363.25	0.00	363.25	13.81	13.81	0.00	
5825.00	86.29	0.00	5614.13	388.14	0.00	388.14	13.81	13.81	0.00	
5851.88	90.00	0.00	5615.00	415.00	0.00	415.00	13.81	13.81	0.00	
5900.00	90.00	0.00	5615.00	463.12	0.00	463.12	0.00	0.00	0.00	
6000.00	90.00	0.00	5615.00	563.12	0.00	563.12	0.00	0.00	0.00	
6100.00	90.00	0.00	5615.00	663.12	0.00	663.12	0.00	0.00	0.00	
6200.00	90.00	0.00	5615.00	763.12	0.00	763.12	0.00	0.00	0.00	
6300.00	90.00	0.00	5615.00	863.12	0.00	863.12	0.00	0.00	0.00	
6400.00	90.00	0.00	5615.00	963.12	0.00	963.12	0.00	0.00	0.00	
6500.00	90.00	0.00	5615.00	1063.12	0.00	1063.12	0.00	0.00	0.00	
6600.00	90.00	0.00	5615.00	1163.12	0.00	1163.12	0.00	0.00	0.00	
6700.00	90.00	0.00	5615.00	1263.12	0.00	1263.12	0.00	0.00	0.00	
6800.00	90.00	0.00	5615.00	1363.12	0.00	1363.12	0.00	0.00	0.00	
6900.00	90.00	0.00	5615.00	1463.12	0.00	1463.12	0.00	0.00	0.00	
7000.00	90.00	0.00	5615.00	1563.12	0.00	1563.12	0.00	0.00	0.00	
7100.00	90.00	0.00	5615.00	1663.12	0.00	1663.12	0.00	0.00	0.00	
7200.00	90.00	0.00	5615.00	1763.12	0.00	1763.12	0.00	0.00	0.00	
7300.00	90.00	0.00	5615.00	1863.12	0.00	1863.12	0.00	0.00	0.00	
7400.00	90.00	0.00	5615.00	1963.12	0.00	1963.12	0.00	0.00	0.00	
7500.00	90.00	0.00	5615.00	2063.12	0.00	2063.12	0.00	0.00	0.00	
7600.00	90.00	0.00	5615.00	2163.12	0.00	2163.12	0.00	0.00	0.00	
7700.00	90.00	0.00	5615.00	2263.12	0.00	2263.12	0.00	0.00	0.00	
7800.00	90.00	0.00	5615.00	2363.12	0.00	2363.12	0.00	0.00	0.00	
7900.00	90.00	0.00	5615.00	2463.12	0.00	2463.12	0.00	0.00	0.00	
8000.00	90.00	0.00	5615.00	2563.12	0.00	2563.12	0.00	0.00	0.00	
8100.00	90.00	0.00	5615.00	2663.12	0.00	2663.12	0.00	0.00	0.00	
8200.00	90.00	0.00	5615.00	2763.12	0.00	2763.12	0.00	0.00	0.00	
8300.00	90.00	0.00	5615.00	2863.12	0.00	2863.12	0.00	0.00	0.00	
8400.00	90.00	0.00	5615.00	2963.12	0.00	2963.12	0.00	0.00	0.00	
8500.00	90.00	0.00	5615.00	3063.12	0.00	3063.12	0.00	0.00	0.00	
8600.00	90.00	0.00	5615.00	3163.12	0.00	3163.12	0.00	0.00	0.00	
8700.00	90.00	0.00	5615.00	3263.12	0.00	3263.12	0.00	0.00	0.00	
8800.00	90.00	0.00	5615.00	3363.12	0.00	3363.12	0.00	0.00	0.00	
8900.00	90.00	0.00	5615.00	3463.12	0.00	3463.12	0.00	0.00	0.00	
9000.00	90.00	0.00	5615.00	3563.12	0.00	3563.12	0.00	0.00	0.00	
9100.00	90.00	0.00	5615.00	3663.12	0.00	3663.12	0.00	0.00	0.00	
9200.00	90.00	0.00	5615.00	3763.12	0.00	3763.12	0.00	0.00	0.00	
9300.00	90.00	0.00	5615.00	3863.12	0.00	3863.12	0.00	0.00	0.00	
9396.88	90.00	0.00	5615.00	3960.00	0.00	3960.00	0.00	0.00	0.00	

AUG 09 2002



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor
Betty Rivera
Cabinet Secretary

Lori Wrotenberg
Director
Oil Conservation Division

8 August 2002

Nadel and Gussman Permian, L.L.C.
601 North Marienfeld, Suite 508,
Midland, Texas 79701

RECEIVED

APR 05 2004

OCD-ARTESIA

Form C-103 Report of Plugging for your Buffalo Hunt # 21 O-21-13-27 API 30-005-63451
Cannot be approved until an NMOCD representative has made an inspection of the location and found it to
be cleared to comply with OCD rules and regulations. Please check each item in the space provided to
indicate that the work has been accomplished and the location is ready for final inspection.

- ☒ 1. All pits have been filled and leveled.
- ☒ 2. Rat hole and cellar have been filled and leveled.
- ☒ 3. A steel marker 4" in diameter and approximately 4' above mean ground level has been set in
concrete to mark the exact location of the plugged well. (Marker must have operator name, lease name,
well number and location including quarter/quarter section or unit letter, section, township, range and API
well ID number permanently welded, stamped or otherwise engraved into the metal marker.)
- ☒ 4. The location has been leveled as nearly as possible to original top ground contour and has been
cleared of all junk and equipment.
- ☒ 5. The dead men and tie downs have been cut and removed.
- ☒ 6. If a one well lease or last remaining well on lease, the battery and burn pit locations have been
leveled and cleared of all junk & equipment.
- ☒ 7. All environmental concerns have been addressed as per OCD guidelines.

The above are minimum requirements and no plugging bond will be cancelled until all locations for
plugged and abandoned wells have been inspected and Form C-103 approved.

When all of the work outlined above has been done, please notify this office by completing, signing and
returning this letter to us so that our representative will not have to make more than one trip to the location.

I certify that the above work has been done and the above-mentioned lease is ready for OCD inspection and
approval.

K. S. McHenry
Name

Operator Engineer
Title

Van Barton
Field Rep. II

BC OPERATING, INC.

P.O. Box 50820
Midland, Texas 79710

731 W. Wadley Bldg. L, Ste. 200
Midland, Texas 79705
(432) 684-9696
Fax (432) 686-0600

November 8, 2005

New Mexico Oil and Gas Conservation Division
District II - Artesia District
Attn: Tim Gum
1301 W. Grand Avenue
Artesia, NM 88210

RECEIVED
DEC 1 2005
OCD-ARTESIA

Re: E/2, Section 21, T-13-S, R-27-E, Chaves County New Mexico

Dear Tim:

The Artesia OCD has Nadel & Gussman Permain listed as the current lessee of the referenced acreage. In 2001 Nadel and Gussman drilled the Buffalo Hunt "21" Well No. 1. This well was dry and their leases expired in May of 2003. BC Operating Inc. took leases from the current mineral holder in May of 2005 and is now the lessee of record with the right to drill.

BC Operating Inc. request that the Artesia OCD delete Nadel & Gussman as the lessee of record.

It is our intent to re-enter the Buffalo Hunt well within the month, therefore your prompt attention to this matter would be greatly appreciated. If you have any questions feel free to contact me at (432) 684-9696 Ext 232.

Sincerely,



Kevin Widner
Operations Manager