

DISTRICT 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 and Natural Resources Department

Form C-102
Revised October 12, 2005

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

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

24 2007
OCD-ARTESIA
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35726	Pool Code	Pool Name WILDCAT; WOLF CAMP
Property Code 36623	Property Name DASHER "16" STATE	Well Number 1
OGRID No. 229137	Operator Name C.O.G. OPERATING L.L.C.	Elevation 3793'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	16 S	30 E		330	SOUTH	330	EAST	EDDY

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
A	16	16 S	30 E		330	NORTH	330	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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

BOTTOM HOLE LOCATION LAT-N32°55'40.61" LONG-W103°58'10.09" SPC- 701514.708 652980.718 (NAD-83)	PRODUCING AREA	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 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. <i>Phyllis A. Edwards</i> 7/23/07 Signature Date PHYLLIS A. EDWARDS Printed Name REGULATORY ANALYST
		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. JUNE 05, 2007 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS
SURFACE LOCATION LAT-N32°54'54.87" LONG-W103°58'10.11" SPC- 696892.478 652994.758 (NAD-83)		

Planned Wellpath Report

Plan #1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Concho O&G	Slot	#1_SHL
Area	Eddy County, NM	Well	#1
Field	Section 16 T16S R30E (Dasher)	Wellbore	#1 PWB
Facility	Dasher 16 State #1		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	Grid	User	Gomeoscr
Scale	0.999923	Report Generated	07/19/07 at 13:29:30
Wellbore last revised	07/19/07	Database/Source file	WA_Midland/#1_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	652994.78	696892.48	32 54 54.874N	103 58 10.110W
Facility Reference Pt			652994.78	696892.48	32 54 54.874N	103 58 10.110W
Field Reference Pt			652994.78	696892.48	32 54 54.874N	103 58 10.110W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on #1_SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Facility Center	Rig on #1_SHL (RT) to GRN. ELEV.	3793.00 feet
Vertical Reference Pt	Rig on #1_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #1_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	GRN. ELEV.	Section Azimuth	359.83°

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Field	Section 16 T16S R30E (Dasher)	Wellbore	#1 PWB
Facility	Dasher 16 State #1		

WELLPATH DATA (53 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
0.00	0.000	359.826	0.00	0.00	0.00	0.00	0.00	Tie On
7070.00	0.000	359.826	7070.00	0.00	0.00	0.00	0.00	KOP
7170.00†	10.050	359.826	7169.49	8.75	8.75	-0.03	10.05	
7270.00†	20.100	359.826	7265.92	34.72	34.72	-0.11	10.05	
7370.00†	30.150	359.826	7356.35	77.13	77.13	-0.23	10.05	
7470.00†	40.200	359.826	7437.98	134.66	134.66	-0.41	10.05	
7570.00†	50.250	359.826	7508.32	205.56	205.56	-0.63	10.05	
7670.00†	60.300	359.826	7565.21	287.64	287.64	-0.88	10.05	
7770.00†	70.350	359.826	7606.91	378.40	378.39	-1.15	10.05	
7870.00†	80.400	359.826	7632.12	475.03	475.03	-1.45	10.05	
7965.54	90.002	359.826	7640.11	570.12	570.12	-1.73	10.05	EOC
7970.00†	90.002	359.826	7640.11	574.58	574.58	-1.75	0.00	
8070.00†	90.002	359.826	7640.10	674.58	674.58	-2.05	0.00	
8170.00†	90.002	359.826	7640.10	774.58	774.58	-2.36	0.00	
8270.00†	90.002	359.826	7640.10	874.58	874.58	-2.66	0.00	
8370.00†	90.002	359.826	7640.10	974.58	974.58	-2.96	0.00	
8470.00†	90.002	359.826	7640.09	1074.58	1074.58	-3.27	0.00	
8570.00†	90.002	359.826	7640.09	1174.58	1174.58	-3.57	0.00	
8670.00†	90.002	359.826	7640.09	1274.58	1274.58	-3.88	0.00	
8770.00†	90.002	359.826	7640.09	1374.58	1374.58	-4.18	0.00	
8870.00†	90.002	359.826	7640.08	1474.58	1474.58	-4.49	0.00	
8970.00†	90.002	359.826	7640.08	1574.58	1574.58	-4.79	0.00	
9070.00†	90.002	359.826	7640.08	1674.58	1674.58	-5.09	0.00	
9170.00†	90.002	359.826	7640.08	1774.58	1774.58	-5.40	0.00	
9270.00†	90.002	359.826	7640.07	1874.58	1874.58	-5.70	0.00	

Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	Concho O&G	Slot	#1_SHL
Area	Eddy County, NM	Well	#1
Field	Section 16 T16S R30E (Dasher)	Wellbore	#1 PWB
Facility	Dasher 16 State #1		

WELLPATH DATA (53 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
9370.00†	90.002	359.826	7640.07	1974.58	1974.58	-6.01	0.00	
9470.00†	90.002	359.826	7640.07	2074.58	2074.58	-6.31	0.00	
9570.00†	90.002	359.826	7640.06	2174.58	2174.57	-6.62	0.00	
9670.00†	90.002	359.826	7640.06	2274.58	2274.57	-6.92	0.00	
9770.00†	90.002	359.826	7640.06	2374.58	2374.57	-7.22	0.00	
9870.00†	90.002	359.826	7640.06	2474.58	2474.57	-7.53	0.00	
9970.00†	90.002	359.826	7640.05	2574.58	2574.57	-7.83	0.00	
10070.00†	90.002	359.826	7640.05	2674.58	2674.57	-8.14	0.00	
10170.00†	90.002	359.826	7640.05	2774.58	2774.57	-8.44	0.00	
10270.00†	90.002	359.826	7640.05	2874.58	2874.57	-8.75	0.00	
10370.00†	90.002	359.826	7640.04	2974.58	2974.57	-9.05	0.00	
10470.00†	90.002	359.826	7640.04	3074.58	3074.57	-9.35	0.00	
10570.00†	90.002	359.826	7640.04	3174.58	3174.57	-9.66	0.00	
10670.00†	90.002	359.826	7640.04	3274.58	3274.57	-9.96	0.00	
10770.00†	90.002	359.826	7640.03	3374.58	3374.57	-10.27	0.00	
10870.00†	90.002	359.826	7640.03	3474.58	3474.57	-10.57	0.00	
10970.00†	90.002	359.826	7640.03	3574.58	3574.57	-10.87	0.00	
11070.00†	90.002	359.826	7640.03	3674.58	3674.57	-11.18	0.00	
11170.00†	90.002	359.826	7640.02	3774.58	3774.57	-11.48	0.00	
11270.00†	90.002	359.826	7640.02	3874.58	3874.57	-11.79	0.00	
11370.00†	90.002	359.826	7640.02	3974.58	3974.57	-12.09	0.00	
11470.00†	90.002	359.826	7640.01	4074.58	4074.57	-12.40	0.00	
11570.00†	90.002	359.826	7640.01	4174.58	4174.57	-12.70	0.00	
11670.00†	90.002	359.826	7640.01	4274.58	4274.57	-13.00	0.00	
11770.00†	90.002	359.826	7640.01	4374.58	4374.56	-13.31	0.00	

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Field	Section 16 T16S R30E (Dasher)	Wellbore	#1 PWB
Facility	Dasher 16 State #1		

WELLPATH DATA (53 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
11870.00†	90.002	359.826	7640.00	4474.58	4474.56	-13.61	0.00	
11970.00†	90.002	359.826	7640.00	4574.58	4574.56	-13.92	0.00	
12018.03	90.002	359.826	7640.00 ¹	4622.61	4622.59	-14.06	0.00	#1 BHL

HOLE & CASING SECTIONS Ref Wellbore: #1 PWB Ref Wellpath: Plan #1

String/Diameter	Start MD [feet]	End MD [feet]	Interval [feet]	Start TVD [feet]	End TVD [feet]	Start N/S [feet]	Start E/W [feet]	End N/S [feet]	End E/W [feet]
17.5in Open Hole	0.00	450.00	450.00	0.00	450.00	0.00	0.00	0.00	0.00
13.375in Casing	0.00	450.00	450.00	0.00	450.00	0.00	0.00	0.00	0.00
12.25in Open Hole	450.00	3100.00	2650.00	450.00	3100.00	0.00	0.00	0.00	0.00
9.625in Casing	0.00	3100.00	3100.00	0.00	3100.00	0.00	0.00	0.00	0.00
8.75in Open Hole	3100.00	7965.54	4865.54	3100.00	7640.11	0.00	0.00	570.12	-1.73
7.875in Open Hole	7965.54	12018.03	4052.49	7640.11	NA	570.12	-1.73	NA	NA

TARGETS

Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) #1 BHL	12018.03	7640.00	4622.59	-14.06	652980.72	701514.71	32 55 40.611N	103 58 10.088W	point

Concho O&G

Location Eddy County, NM
Field Section 16 T16S R30E (Dasher)
Facility Dasher 16 State #1

Slot #1_SHL
Well #1
Wellbore #1_PWB

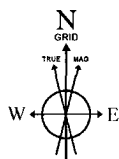


Well Profile Data

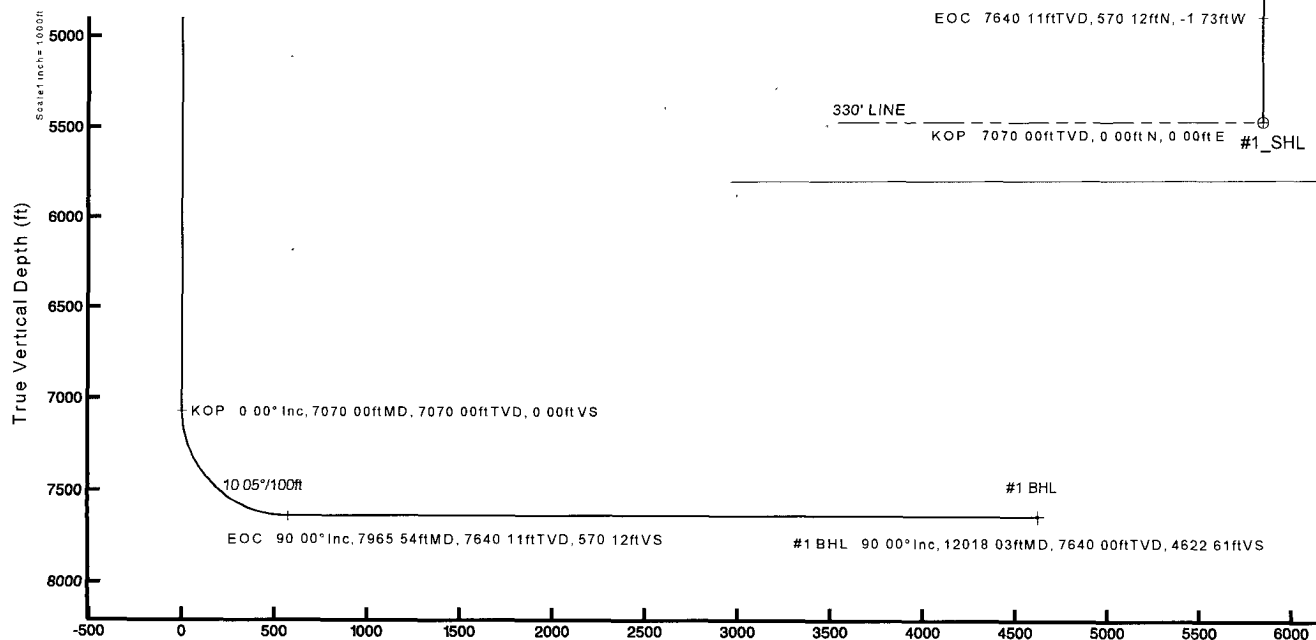
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	0.00	0.000	359.826	0.00	0.00	0.00	0.00	0.00
KOP	7070.00	0.000	359.826	7070.00	0.00	0.00	0.00	0.00
EOC	7965.54	90.002	359.826	7640.11	570.12	-1.73	1005	570.12
#1 BHL	12018.03	90.002	359.826	7640.00	4622.59	-14.06	0.00	4622.51

Plot reference wellpath is Plan #1	
True vertical depths are referenced to Rig on #1_SHL (RT)	Grid System: NAD83 / TM New Mexico State Planes Eastern Zone (3001) US feet
Measured depths are referenced to Rig on #1_SHL (RT)	North Reference: Grid north
Rig on #1_SHL (RT) to GRN ELEV: 3793 feet	Scale: True distance
GRN ELEV to Mud line (Facility: Dasher 16 State #1): 3793 feet	Depths are in feet
Coordinates are in feet referenced to Facility Center	Created by: gomeosact on 7/19/2007

SECTION 16 T16S R30E



BGGM (1945 0 to 2008 0) Dip: 80.88° Field: 49427.4 nT
Magnetic North is 8.32 degrees East of True North (at 07/19/07)
Grid North is 0.20 degrees East of True North
To correct azimuth from True to Grid subtract 0.20 degrees
To correct azimuth from Magnetic to Grid add 8.13 degrees



Azimuth 359.83° with reference 0.00 N, 0.00 E from wellhead

COG OPERATING LLC

550 W. Texas, Suite 1300
Midland, TX 79701

432-683-7443 P

432-685-4399 F

July 23, 2007

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

JUL 24 2007
OCD-ARTESIA

Re: Statewide Rule 118
Hydrogen Sulfide Gas Contingency Plan
Proposed Dasher "16" State #1 Well

Dear Bryan,

In accordance with NMAC 19.15.3.118 C (1) governing the determination of the hydrogen sulfide concentration in gaseous mixtures in each of its operations, COG Operating LLC does not anticipate that there will be enough H₂S from the surface to the Wolfcamp formation to meet the OCD's minimum requirements for the submission of a contingency plan for the drilling and completion of the following test:

Dasher "16" State #1

330 FSL & 330 FEL Section 16, T16S, R30E Unit P

330 FNL & 330 FEL Section 16, T16S, R30E Unit A

Eddy County, NM

Surface Location

Bottom Hole Location

Please call, e-mail, or fax me if you need anything further to approve this APD, 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