

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 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-101
August 1, 2011
Permit 213153

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

1. Operator Name and Address COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701		2. OGRID Number 217955
4. Property Code 38527		3. API Number 30-015-43465
5. Property Name Diamondback 22 State Com		6. Well No. 011H

7. Surface Location

UL - Lot	B	Section	22	Township	26S	Range	28E	Lot Idn	Feet From	125	N/S Line	N	Feet From	1365	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	P	Section	22	Township	26S	Range	28E	Lot Idn	P	Feet From	330	N/S Line	S	Feet From	990	E/W Line	E	County	Eddy
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9. Pool Information

HAY HOLLOW;BONE SPRING	30215
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 2984
16. Multiple N	17. Proposed Depth 13900	18. Formation Bone Spring	19. Contractor	20. Spud Date 12/1/2015
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	450	400	0
Int1	12.25	9.625	36	2575	750	0
Prod	8.75	5.5	17	13900	2500	2300

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 450' with fresh water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 2575' with brine, and run 9-5/8", 36# J55 and cement to surface. Drill 8-3/4" vertical, curve & lateral with cut brine to approx 13,900'MD. Run 5-1/2", 17#, P-110 csg and cement to a minimum of 2,300'.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Diane Kuykendall	Approved By: Randy Dade
Title: Production Reporting Manager	Title: District Supervisor
Email Address: dkuykendall@concho.com	Approved Date: 11/23/2015 Expiration Date: 11/23/2017
Date: 11/19/2015 Phone: 432-685-4372	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 213153

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-43465	2. Pool Code 30215	3. Pool Name HAY HOLLOW;BONE SPRING
4. Property Code 38527	5. Property Name Diamondback 22 State Com	6. Well No. 011H
7. OGRID No. 217955	8. Operator Name COG PRODUCTION, LLC	9. Elevation 2984

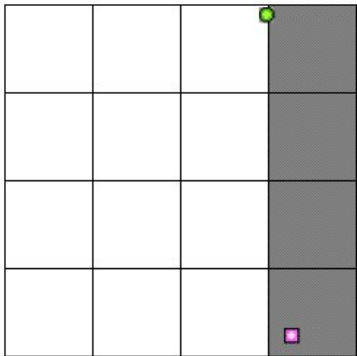
10. Surface Location

UL - Lot B	Section 22	Township 26S	Range 28E	Lot Idn	Feet From 125	N/S Line N	Feet From 1365	E/W Line E	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot P	Section 22	Township 26S	Range 28E	Lot Idn	Feet From 330	N/S Line S	Feet From 990	E/W Line E	County Eddy
12. Dedicated Acres 160.00	13. Joint or Infill	14. Consolidation Code	15. Order No.						

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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) 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.</i></p> <p>E-Signed By: Diane Kuykendall Title: Production Reporting Manager Date: 11/19/2015</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><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></p> <p>Surveyed By: Chad Harcrow Date of Survey: 10/9/2015 Certificate Number: 1777</p>
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Form APD Comments

Permit 213153

PERMIT COMMENTS

Operator Name and Address: COG PRODUCTION, LLC [217955] 600 W. Illinois Ave Midland, TX 79701		API Number: 30-015-43465
		Well: Diamondback 22 State Com #011H
Created By	Comment	Comment Date
matyereyes	OIL: COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	11/19/2015

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Form APD Conditions

Permit 213153

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: COG PRODUCTION, LLC [217955] 600 W. Illinois Ave Midland, TX 79701	API Number: 30-015-43465
	Well: Diamondback 22 State Com #011H

OCD Reviewer	Condition
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