

DISTRICT I
1625 N. FRENCH DR., BOBBS, NM 88240
Phone: (505) 353-6101 Fax: (505) 353-0780

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 746-1803 Fax: (505) 746-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1820 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42377	Pool Code 61910	Pool Name Vacuum; Bone Spring, West
Property Code	Property Name IGGLES STATE COM	Well Number 1H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4039.5

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	18-S	34-E		330	SOUTH	350	WEST	LEA

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
L	16	18-S	34-E		2310	SOUTH	380	WEST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code	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>Y=636534.2 N X=733624.1 E</p> <p>NAD 27 PROPOSED BOTTOM HOLE LOCATION Y=636206.5 N X=734007.2 E LAT.=32.746715° N LONG.=103.572235° W</p> <p>380' B.H.</p> <p>2310'</p> <p>PRODUCING AREA PROJECT AREA</p> <p>HORZ. DIST. - 7262.5' GRID AZ. - 359°41'27"</p> <p>6.1' 330'</p> <p>Y=628611.5 N X=733698.9 E</p> <p>NAD 27 SURFACE LOCATION Y=628944.1 N X=734046.4 E LAT.=32.726753° N LONG.=103.572278° W</p> <p>Y=628621.5 N X=735016.1 E</p>	<p>SECTION 16</p> <p>SECTION 21</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Melanie J Wilson</i> 5/20/15 Signature Date</p> <p>Melanie J Wilson Printed Name mwilson@concho.com E-mail Address</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>MAY 15, 2015 Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Chad L. Harcrow</i> 5/18/15 Certificate No. CHAD HARCROW 17777 W.O. # 15-631 DRAWN BY: AF</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

MAY 26 2015

Iggles State Com 1H
30-025-42377

Rev. 05-19-2015

Casing and Cement

<u>String</u>	<u>Hole Size</u>	<u>Csq OD</u>	<u>PPF</u>	<u>Depth</u>	<u>Sx Cement</u>	<u>TOC</u>
Surface	17-1/2"	13-3/8"	54.5	1880'	1270	0'
Intermediate	12-1/4"	9-5/8"	36	3400'	925	0'
Production	8-3/4"	5-1/2"	17	16999'	2930	0'

Well Plan

No pilot hole. Vertical TD = KOP = 9463'.

Drill 17-1/2" hole to ~1880' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl₂ to cement to surface, if necessary.

Drill 12-1/4" hole to ~3400' with saturated brine water. Run 9-5/8" 36# J55 LTC casing to TD and cement to surface in one stage.

Drill 8-3/4" vertical hole, curve and lateral to 16999' with cut brine. Run 5-1/2" 17# P110 BTC casing to TD and cement to surface in one stage.

Well Control

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron