

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised August 1, 2011

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-015-38399
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 550 W. Texas Ave., Suite 100, Midland, TX 79701		7. Lease Name or Unit Agreement Name Kiowa State
4. Well Location Unit Letter <u>F</u> : <u>1665</u> feet from the <u>North</u> line and <u>2205</u> feet from the <u>West</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM <u>Eddy</u> County		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3615' GR		9. OGRID Number 229137
		10. Pool name or Wildcat Red Lake; Glorieta-Yeso, NE 96836

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <u>Drilling Completion</u> <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

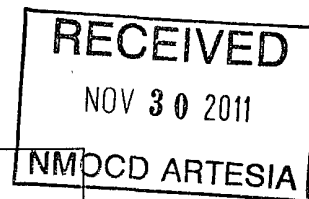
10/17/11 Tested csg to 3500# for 30 min. Good.  
10/19/11 Perf Lower Blinebry @ 4290 - 4540 w/ 1 SPF, 26 holes.  
10/20/11 Acidized w/3500 gals 15% HCL. Frac w/114,068 gals gel, 142,757 16/30 White sand, 32,255# 16/30 CRC. Set CBP @ 4260.  
Perf Middle Blinebry @ 4005 - 4230 w/ 1SPF, 26 holes. Acidized w/3500 gals 15% HCL. Frac w/116,623 gals gel, 143,809# 16/30 White sand, 30,946 16/30 CRC. Set CBP @ 3970.  
Perf Upper Blinebry @ 3720 - 3945 w/1SPF, 26 holes. Acidized w/ 2500 gals 15% HCL. Frac w/103,430 gals gel, 134,373# 16/30 White sand, 37,797# 16/30 CRC.  
10/27/11 Drill out plugs. Clean out to PBTB 4810.  
10/28/11 RIH w/135 jts 2-7/8" J55 6.5# tbg, EOT @ 4456. RIH w/ 2-1/2" x 2" x 24'. Hang on well.

Spud Date:

9/26/11

Rig Release Date:

10/3/11



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE N. Aaron TITLE Regulatory Analyst DATE 11/21/11

Type or print name Netha Aaron E-mail address: oaaron@concho.com PHONE: 432-818-2319  
**For State Use Only**

APPROVED BY: T. C. Shepard TITLE Geologist DATE DEC 02 2011  
Conditions of Approval (if any):

# Daily Wellbore Schematics Report

1

Well Name: KIOWA STATE #1

Event#: 2.00

Report Dates: 11/01/2011

## PIPE SPECIFICATION

STRING NAME	SECTION NAME	JOINT COUNT	START DEPTH	END DEPTH	LENGTH	OD SIZE	ID SIZE	WT GRDNT	GRD	CONN
SURFACE	FLOAT SHOE		248.80	250.00	1.20	13.38	12.71	48.0	H-40	STC
SURFACE	CASING	1	207.05	248.80	41.75	13.38	12.71	48.0	H-40	STC
SURFACE	FLOAT COLLAR		207.05	207.05	0.00	13.38	12.71	48.0	H-40	STC
FACE	CASING	5	-1.15	207.05	208.20	13.38	12.71	48.0	H-40	STC
UNCTION	FLOAT SHOE		4865.70	4867.00	1.30	5.50	4.89	17.0	J-55	LTC
CTION	CASING	1	4821.22	4865.70	44.48	5.50	4.89	17.0	J-55	LTC
ION	FLOAT COLLAR		4819.72	4821.22	1.50	5.50	4.89	17.0	J-55	LTC
N	CASING	36	3222.53	4819.72	1597.19	5.50	4.89	17.0	J-55	LTC
	MARKER JOINT	1	3207.35	3222.53	15.18	5.50	4.89	17.0	J-55	LTC
	CASING	73	13.56	3207.35	3193.79	5.50	4.89	17.0	J-55	LTC
	LANDING COLLAR		-5.61	13.56	19.17	5.50	4.89	17.0	J-55	LTC
	BULL PLUG		4455.99	4456.69	0.70	2.88	2.44	6.5	J-55	8-
	MUD ANCHOR	5	4298.10	4455.99	157.89	2.88	2.44	6.5	J-55	8-
	CAVINS		4278.82	4298.10	19.28	2.88	2.44	6.5	J-55	8-
	SEAT NIPPLE		4277.72	4278.82	1.10	2.88	2.44	6.5	J-55	8-
	BING	23	3551.40	4277.72	726.32	2.88	2.44	6.5	J-55	8-
	BING ANCHOR		3548.70	3551.40	2.70	5.50	4.89	17.0	J-55	8-
	BING	2	3485.38	3548.70	63.32	2.88	2.44	6.5	J-55	8-
	MARKER SUB		3483.34	3485.38	2.04	2.88	2.44	6.5	J-55	8-
	BING	110	0.00	3483.34	3483.34	2.88	2.44	6.5	J-55	8-
	AT SHOE		858.80	860.00	1.20	8.63	8.10	24.0	J-55	STC
	BING	1	816.39	858.80	42.41	8.63	8.10	24.0	J-55	STC
	AT COLLAR		814.89	816.39	1.50	8.63	8.10	24.0	J-55	STC
	BING	20	-0.45	814.89	815.34	8.63	8.10	24.0	J-55	STC

PAGE #	LEAD TOP (est) (ft)	LEAD TOP (ver) (ft)	TAIL TOP (est) (ft)	TAIL TOP (ver) (ft)
	0.0	0.0		
	0.0	0.0		
	0.0	0.0		

DESCRIPTION	LENGTH	OD SIZE	ID SIZE
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DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
	LOWER BLINEBRY	4290.00	4540.00	0.34	22.40	N
	MIDDLE BLINEBRY	4005.00	4230.00	0.34	22.40	N
	UPPER BLINEBRY	3720.00	3945.00	0.34	22.40	N

#1

Event#: 2.00

Report Dates: 11/01/2011

30-015-38300

WELL NAME AND NUMBER Kiowa State No. 1  
 LOCATION Section 36, T17S, R27E, Lot F, 1665 FNL, 2205 FWL, Eddy County  
 OPERATOR COG Operating LLC  
 DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
.3° @ 78'		
.4° @ 140'		
.7° @ 230'		
.3° @ 443'		
.1° @ 816'		
.2° @ 1032'		
.1° @ 1145'		
.6° @ 1638'		
.0° @ 2081'		
.2° @ 2585'		
.4° @ 3064'		
.5° @ 3508'		
.5° @ 3980'		
.2° @ 4332'		
1.0° @ 4778'		

Drilling Contractor- UNITED DRILLING, INC.

By: Luisa Noriega  
 (Luisa Noriega)

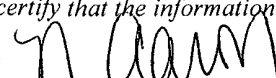
Title: Asst. Office Manager

Subscribed and sworn to before me this 5<sup>th</sup> day of October, 2011.



My Commission Expires: 10/8/12

Carlene Marten  
 Notary Public  
Chaves New Mexico  
 County State

Submit To Appropriate District Office Two Copies 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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>			Form C-105 July 17, 2008					
			1. WELL API NO. <b>30-015-38399</b>							
			2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN							
			3. State Oil & Gas Lease No.							
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>										
4. Reason for filing  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17.13.K NMAC)			5. Lease Name or Unit Agreement Name <b>Kiowa State</b>							
			6. Well Number <b>1</b>							
7. Type of Completion <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator <b>COG Operating, LLC</b>			9. OGRID <b>229137</b>							
10. Address of Operator  <b>550 W. Texas Ave., Suite 100, Midland, TX 79701</b>			11. Pool name or Wildcat <b>Red Lake; Glorieta-Yeso, NE 96836</b>							
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	<b>F</b>	<b>36</b>	<b>17S</b>	<b>27E</b>		<b>1665</b>	<b>North</b>	<b>2205</b>	<b>West</b>	<b>Eddy</b>
BH:										
13. Date Spudded <b>9/26/11</b>	14. Date T D Reached <b>10/2/11</b>		15. Date Rig Released <b>10/3/11</b>		16. Date Completed (Ready to Produce) <b>10/31/11</b>		17. Elevations (DF and RKB, RT, GR, etc ) <b>3615' GR</b>			
18. Total Measured Depth of Well <b>4867</b>		19. Plug Back Measured Depth <b>4810</b>		20. Was Directional Survey Made? <b>No</b>		21. Type Electric and Other Logs Run <b>3 Det Litho-Den Comp Neut/HNGS; Hi-Res Lat Array Micro CFL/HNGS</b>				
22. Producing Interval(s), of this completion - Top, Bottom, Name <b>3720 - 4540</b>										
<b>23 CASING RECORD (Report all strings set in well)</b>										
CASING SIZE		WEIGHT LB /FT		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
<b>13-3/8</b>		<b>48</b>		<b>250</b>		<b>17-1/2</b>		<b>400</b>		<b>Accepted for record</b> <b>NMOC</b> <b>DEC 02 2011</b>
<b>8-5/8</b>		<b>24</b>		<b>860</b>		<b>11</b>		<b>400</b>		
<b>5-1/2</b>		<b>17</b>		<b>4867</b>		<b>7-7/8</b>		<b>900</b>		
<b>24 LINER RECORD</b>										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25 TUBING RECORD			
							SIZE DEPTH SET PACKER SET			
							<b>2-7/8 4456</b>			
26 Perforation record (interval, size, and number) <b>3720 - 3945 - 1 SPF, 26 holes    Open</b> <b>4005 - 4230 - 1 SPF, 26 holes    Open</b> <b>4290 - 4540 - 1 SPF, 26 holes    Open</b>					27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED <b>3720 - 3945    See Attachment</b> <b>4005 - 4230    See Attachment</b> <b>4290 - 4540    See Attachment</b>					
<b>28 PRODUCTION</b>										
Date First Production <b>11/6/11</b>		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <b>2-1/2 x 2 x 2    Pumping</b>				Well Status ( <i>Prod or Shut-In</i> ) <b>Producing</b>				
Date of Test <b>11/10/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>190</b>	Gas - MCF <b>275</b>	Water - Bbl <b>702</b>	Gas - Oil Ratio <b>1447</b>			
Flow Tubing Press <b>70</b>	Casing Pressure <b>70</b>	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - ( <i>Corr</i> ) <b>41.8</b>				
29 Disposition of Gas ( <i>Sold, used for fuel, vented, etc.</i> ) <b>Sold</b>							30 Test Witnessed By <b>Kent Greeway</b>			
31 List Attachments <b>Logs, C-102, C-104, Deviation Survey</b>										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.										
33. If an on-site burial was used at the well, report the exact location of the on-site burial										
Latitude Longitude NAD 1927 1983										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature 			Printed Name <b>Netha Aaron</b>			Title <b>Regulatory Analyst</b>			Date <b>11/21/11</b>	
E-mail Address <b>oaaron@concho.com</b>										

**Kiowa State 1**  
**API#: 30-015-38399**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3720 - 3945	Acidized w/ 2500 gals 15% HCL.
	Frac w/103,430 gals gel, 134,373# 16/30 White sand,
	37,797# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4005 - 4230	Acidized w/3500 gals 15% HCL.
	Frac w/116,623 gals gel, 143,809# 16/30 White
	sand, 30,946 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4290 - 4540	Acidized w/3500 gals 15% HCL.
	Frac w/114,068 gals gel, 142,757 16/30 White sand,
	32,255# 16/30 CRC

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  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
11885 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-38399	Pool Code 96836	Pool Name Red Lake; Glorieta-Yeso; Northeast
Property Code 38453	Property Name KIOWA STATE	Well Number 1
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3615'

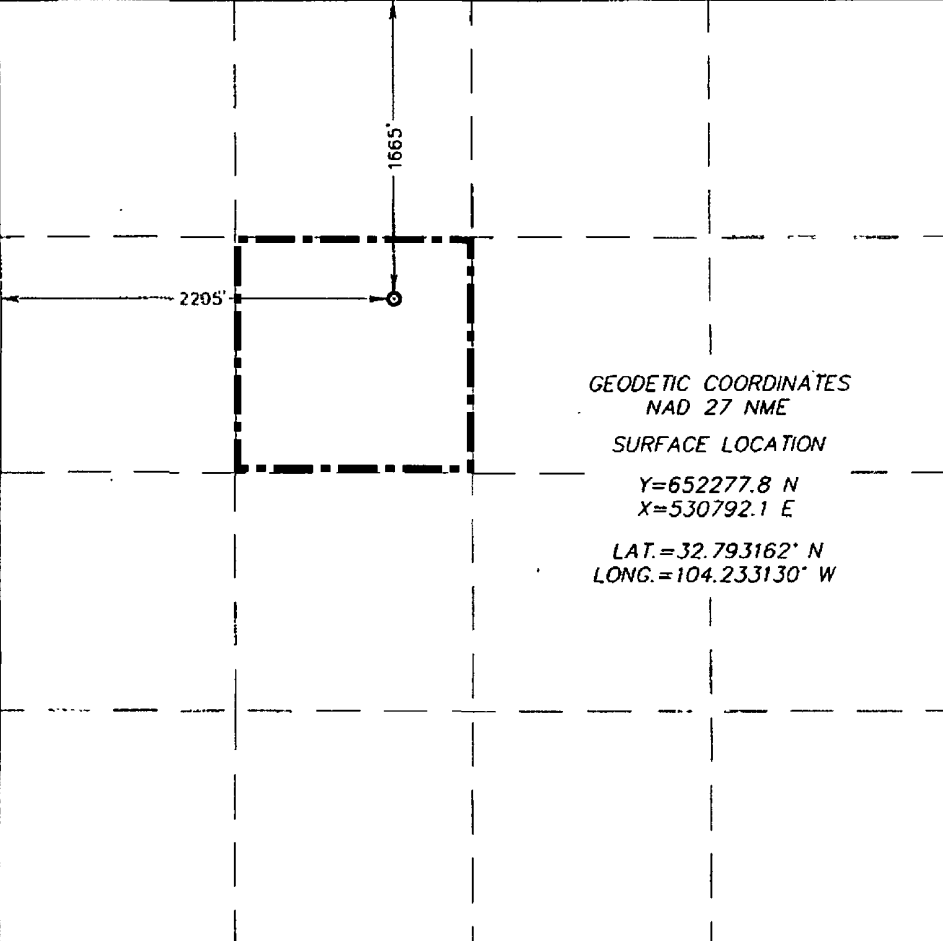
Surface Location

UL or lot No. F	Section 36	Township 17-S	Range 27-E	Lot Idn	Feet from the 1665	North/South line NORTH	Feet from the 2205	East/West line WEST	County EDDY
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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
Dedicated Acres 40	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>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=652277.8 N X=530792.1 E LAT.=32.793162° N LONG.=104.233130° W</p>	<p><b>OPERATOR CERTIFICATION</b></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>Netha Aaron 11/21/11 Signature Date Netha Aaron Printed Name aaron@concho.com</p> <p><b>SURVEYOR CERTIFICATION</b></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>DECEMBER 21, 2010 Date Surveyed Signature &amp; Seal of Professional Surveyor DSS 10.11.1862 Certification No. 12641 J. EIDSON 3239</p>
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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 & Natural Resources

Form C-104  
Revised October 15, 2009

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address <b>COG Operating LLC</b> 550 West Texas Ave, Suite 100 Midland, TX 79701		<sup>2</sup> OGRID Number <b>229137</b>
		<sup>3</sup> Reason for Filing Code/ Effective Date NW effective 10/31/11
<sup>4</sup> API Number <b>30 - 015 - 38399</b>	<sup>5</sup> Pool Name <b>Red Lake; Glorieta-Yeso, NE</b>	<sup>6</sup> Pool Code <b>96836</b>
<sup>7</sup> Property Code <b>38453</b>	<sup>8</sup> Property Name <b>Kiowa State</b>	<sup>9</sup> Well Number <b>1</b>

II. <sup>10</sup> Surface Location

Ul or lot no. <b>F</b>	Section <b>36</b>	Township <b>17S</b>	Range <b>27E</b>	Lot Idn	Feet from the <b>1665</b>	North/South Line <b>North</b>	Feet from the <b>2205</b>	East/West line <b>West</b>	County <b>Eddy</b>
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<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code <b>S</b>	<sup>13</sup> Producing Method Code <b>P</b>	<sup>14</sup> Gas Connection Date <b>10/9/11</b>	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
<b>27841</b>	<b>HollyFrontier Refining &amp; Marketing LLC</b>	<b>O</b>
<b>221115</b>	<b>Frontier Field Services</b>	<b>G</b>
<div>RECEIVED NOV 30 2011 NMOCD ARTESIA</div>		

IV. Well Completion Data

<sup>21</sup> Spud Date <b>9/26/11</b>	<sup>22</sup> Ready Date <b>10/31/11</b>	<sup>23</sup> TD <b>4867</b>	<sup>24</sup> PBTD <b>4810</b>	<sup>25</sup> Perforations <b>3720 - 4540</b>	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
<b>17-1/2</b>	<b>13-3/8</b>	<b>250</b>	<b>400</b>		
<b>11</b>	<b>8-5/8</b>	<b>860</b>	<b>400</b>		
<b>7-7/8</b>	<b>5-1/2</b>	<b>4867</b>	<b>900</b>		
	<b>2-7/8 tbg</b>	<b>4456</b>			

V. Well Test Data

<sup>31</sup> Date New Oil <b>11/6/11</b>	<sup>32</sup> Gas Delivery Date <b>11/9/11</b>	<sup>33</sup> Test Date <b>11/10/11</b>	<sup>34</sup> Test Length <b>24 hrs</b>	<sup>35</sup> Tbg. Pressure <b>70</b>	<sup>36</sup> Csg. Pressure <b>70</b>
<sup>37</sup> Choke Size	<sup>38</sup> Oil <b>190</b>	<sup>39</sup> Water <b>702</b>	<sup>40</sup> Gas <b>275</b>		<sup>41</sup> Test Method <b>p</b>
<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>N. Aaron</i>			OIL CONSERVATION DIVISION Approved by: <i>T. C. Shepard</i> Title: <i>Geologist</i> Approval Date: <b>DEC 02 2011</b>		
Printed name: Netha Aaron					
Title: Regulatory Analyst					
E-mail Address: oaaron@conchoresources.com					
Date: <b>11/21/11</b>		Phone: <b>432-818-2319</b>			

*dm*