

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

Form C-104
Revised June 10, 2003

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address LCX ENERGY, LLC 110 N. MARIENFEL SUITE 200, MIDLAND, TX 79701		² OGRID Number 218885
⁴ API Number 30-0 34779 15-34799		⁵ Pool Name COTTONWOOD CREEK - WOLFCAMP
⁶ Pool Code 75250	⁷ Property Code 34279	
⁸ Property Name 1625 FEDERAL COM		⁹ Well Number 301

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	30	16S	25E		660	NORTH	760	EAST	EDDY

¹¹ 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
P	30	16S	25E		663	SOUTH	792	EAST	EDDY
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				
	FLOWING	03/09/07							

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
147831	AGAVE ENERGY CO. 105 S. 4TH STREET ARTESIA, NM 88210		G	UL, SEC 30, T16S R25E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations	³⁰ DHC, MC
12/15/06	03/08/07	8626' MD	8586' MD	8575' - 5090'	
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 1/2"	13 3/8"	351'	447 CL C		
12 1/4"	9 5/8"	1312'	630 CL C		
8 3/4" & 7 7/8"	5 1/2"	8626'	1340 PVL		

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	03/09/07	03/14/07	24 HOURS		
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
16/64			4053		FLOWING

⁴⁷ 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:

Printed name:

KANICIA CARRILLO

Title:
REGULATORY ANALYST

Email
KANICIA@EERONLINE.COM

Date: 04/17/07

Phone: 432-262-4013

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT
DISTRICT II GEOLOGIST

Approval Date:

MAY 01 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTMonth - Year
APR 30 2007
OCD - ARTESIA, NMFORM APPROVED
1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NM-90947			
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator LCX ENERGY, LLC						7. Unit or CA Agreement Name and No.			
3. Address 110 N. MARIENFELD, SUITE 200 MIDLAND, TX 79701				3a. Phone No. (include area code) 432-687-1575		8. Lease Name and Well No. 1625 FEDERAL COM 301			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 660' FNL & 760' FEL SEC 30, T16S, R25E At top prod. interval reported below 663' FSL & 792' FEL, SEC 30, T16S, R25E At total depth 663' FSL & 792' FEL SEC 30, T16S, R25E						9. AFI Well No. 30-015-34779			
10. Field and Pool, or Exploratory Cottonwood Creek-Wolfcamp						11. Sec., T., R., M., on Block and Survey or Area Sec 30, T16S, R25E			
12. County or Parish EDDY						13. State NM			
14. Date Spudded 12/15/2006		15. Date T.D. Reached 01/11/2007		16. Date Completed 03/08/2007 ☐ D & A ☒ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3570.9' GR			
18. Total Depth: MD 8626" TVD 4902'		19. Plug Back T.D.: MD 8586" TVD 4901'		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CNL DENSITY, GR				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)					
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	SURF	351'		447 CL C	123.7	SURFACE	PRODUCING
12 1/4"	9 5/8"	36#	SURF	1312'		630 CL C	227	SURFACE	PRODUCING
8 3/4" & 7 7/8"	5 1/2"	17#	SURF	8626'		1340 PVL,	531	SURFACE	PRODUCING
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	4746'	4746'	5 1/2"						
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) WOLFCAMP		8575'	7735'	8575' - 7735'		.42"	50	PRODUCING	
B)		7530'	6900'	7530' - 6900'		.42"	50	PRODUCING	
C)		6685'	6065'	6685' - 6065'		.42"	50	PRODUCING	
D)		5880'	5090'	5880' - 5090'		.42"	50	PRODUCING	
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
8575' - 7735'		4500 GAL 15% HCL, 52298 GAL SLK BRN WTR, 34339 GAL SLK FR WTR, 2000# 20/40 12000# LTE PRP 125							
7530' - 6900'		8000 GAL 28% HCL, 46900 GAL SLK BRN WTR, 39690 GAL SLK FR WTR, 1923# 20/40 12000# LTE PRP 125							
6685' - 6065'		8000 GAL 15% HCL, 38598 GAL SLK BRN WTR, 39732 GAL SLK FR WTR, 2000# 20/40 11518# LTE PRP 125							
5880' - 5090'		8000 GAL 15% HCL, 45469 GAL SLK BRN WTR, 39719 GAL SLK FR WTR, 2000# 20/40, 11986# LTE PRP 125							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/09/2007	03/14/2007	24	→		4053	40		.672	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
16/64		0	→		4053	40		PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)