

Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007AUG 29 2008 SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1 Type of Well ☐ Oil Well ☒ Gas Well ☐ Other2 Name of Operator
LCX Energy, LLC.3a Address 3b. Phone No. (include area code)
110 North Marienfeld, Suite 200 Midland TX 79701 (432)262-4014

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE: 680 FSL AND 700 FEL, UL D, SEC 26, T16S, R25E

BOTTOM HOLE LOCATION: 683 FNL AND 765 FEL, UL

A, SEC 26, T16S, R25E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☒ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

3/9/08 - 3/11/08 - MIRU N/D Tree, N/U BOP, R/U Floor & Tongs. POOH w/2 3/8" tubing. M/U 3 7/8" bit on 4 - 3 1/8" drill collars & RIH w/bit collars and 2 3/8" tbg to tag Cmt @ 4850'. Drill out cmt & CIBP @ 4900'. R/D swivel & stripper Head. POOH w/tbg & Drill Collars, L/D D.C. M/U 3 7/8" bit on 4 1/2" csg scrapper & RIH to 6490'. POOH w/tbg., scrapper & Bit. M/U CIBP & RIH to 6480'. Tried to set CIBP. CIBP didn't set. POOH w/tbg and Setting Tool "NO CIBP on setting Tool". M/U 4 1/2" CIBP on 2 3/8" tbg & RIH to 6480' & Set CIBP @ 6480'. Mix & pump 25 sx cmt @ 14.8 ppg and spot cmt F/6480' to 6340'. POOH w/14 jts. L/D same to racks, Reverse hole clean w/9.5# mud. POOH & L/D tbg to 4100'. Mix and pump 25 sx plug F/4100' to 3960'. POOH & L/D 14 jts tbg, Reverse tbg clean w/9.5 # Mud. POOH to 1950'. Mix and pump 25 sx plug F/1950' to 1830'. POOH w/14 jts tbg, reverse tbg clean w/9.5# mud. POOH w/tbg to Derrick. Shut well in and shut down for day.

Note : Jim Amos w/the BLM said it was ok to use the mud pit to circulate fluids into while plugging the well 3-11-08

ACCEPTED FOR RECORD

ACCEPTED FOR RECORD

14 I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jenifer Sorley

Signature

Gerry Guye, Deputy Field Inspector

NMOC-District II ARTESIA

Date

03/25/2008

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

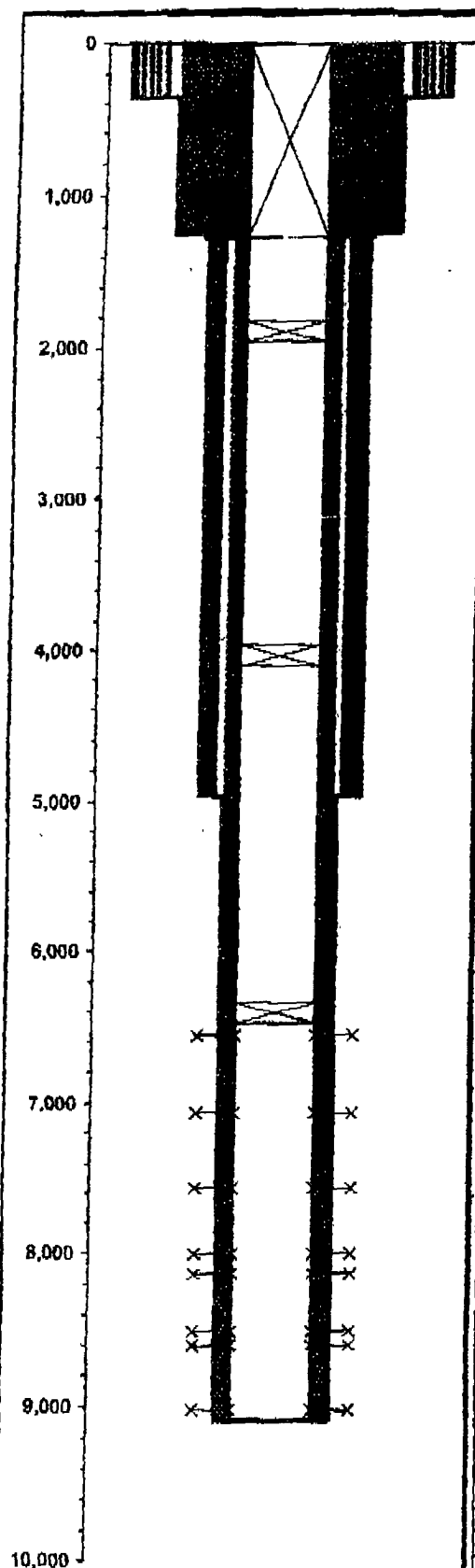
Wellbore Schematic (From Surface to TD)

Printed: 3/24/2008

Fed-Com 1625 # 261

LCX#: 8070.001.01

API # 3001533435



660 FSL & 700 FEL

GL Elev: 3,468.00

Sec, Bkt, Sur (Lbr, Lge, Sur) or (Sec, Twn, Rng): 26, 16S 25E, N.M.P.M.

Fill Depth: 9,038

County, State: Eddy, NM

PSTD: 12.00

Aux ID:

TD: 9,086.00

KB = 12; DF = ; All Depths Corr To: KB

BOP:

Hole Size

Diameter	Top At	Btm At	Date Drilled
17.5000	0.00	356.00	5/26/2004

Paterson Drilling Rig 493 spudded at 18:25 hrs, 5-25-04.

12.2500	356.00	1,236.00	5/30/2004
8.7500	1,236.00	4,965.00	6/11/2004

6/12/04: Set CIBP in 7" csg at 4970' for deviational drilling. Top of window exit 4965'.

6.1250	4,965.00	9,086.00	6/25/2004
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EOC at 5400' MD, 5246' TVD Rig released at 19:30 hrs, 6-25-04. Final TVD is 5063' projected.

Surface Casing

Date Ran: 5/28/2004

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	8	13.3750	48.00	H40	344.00	12.00	356.00

Intermediate Casing

Date Ran: 5/30/2004

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	28	9.6250			1,224.00	12.00	1,236.00

Perforated at 1280' and circulated cement up all annuli for P&A.

Production Casing String 1

Date Ran: 6/11/2004

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	123	7.0000	26.00	J55	4,953.00	12.00	4,965.00

7" csg actually set at 5412' KB. 6/12/04: Set CIBP at 4970'. Top of window exit 4965' for deviational drilling. Perforated at 1280' and circulated cement up all annuli for P&A.

Production Casing String 2

Date Ran: 7/13/2006

Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	107	4.5000	11.60	N80	4,441.72	12.00	4,453.72

4-1/2", 11.6#, N-80, LT&C 8R Production Casing. Perforated at 1280' and circulated cement up all annuli for P&A.

X-Over	1	4.5000	11.60	N80	42.06	4,453.72	4,495.78
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4-1/2", 11.6#, N-80, LT&C 8R Box x Ultra Flush Joint Pin Production Casing Crossover.

Casing	104	4.5000	11.60	N80	4,543.10	4,495.78	9,038.88
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4-1/2", 11.6#, N-80, Ultra Flush Joint Production Casing.

Float Collar	1	4.5000			1.28	9,038.88	9,040.16
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Float Collar.

Casing	1	4.5000	11.60	N80	44.30	9,040.16	9,084.46
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4-1/2", 11.6#, N-80, Ultra Flush Joint Production Casing, Shoe Joint.

Guide Shoe	1	4.5000			1.54	9,084.46	9,086.00
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Guide Shoe.

Cement

# Sx	Class	Weight	ID	OD	Top At	Btm At	TOC Per
400	C	14.80	13.375	17.500	0.00	356.00	Circ

5/28/04: Cmt w/ 400 sx "C" w/ 2% CaCl₂ at 14.8 ppg, circ 153 sx to reserve pit.

225	C	14.80	9.625	12.250	0.00	376.00	Calc
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(2) 1" Top Jobs to circulate cement to surface after Temp Survey showed TOC at 376'.

475	Poz:C	12.40	9.625	12.250	376.00	935.00	TS
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9-5/8" Intermediate Casing: (BJ): Lead w/475 sx 35.65:8 "C" + 5% Salt + 1/4 pps Celloflake, (12.4 ppg, 2.36 cu ft/sk).

100	C	14.80	9.625	12.250	935.00	1,238.00	Calc
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5/30/04: Cmt w/ 475 sx 35/85 POZ Class "C" + 100 sx "C". Followed w/ 2 - 1" jobs before achieving cmt to surface.

250			4.500	7.000	12.00	1,280.00	Circ
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P&A plug circulated up 4-1/2" to 7" annulus to surface. Left 4-1/2" full of cement 1/1980' to surface.

Wellbore Schematic (From Surface to TD)

Printed: 3/24/2008

Fed-Com 1625 # 261

LCX#: 8070.001.01

API # 3001533435

Cement

# Sx	Class	Weight	ID	OD	Top At	Btm At	TOC Per
100			7.000	9.625	12.00	1,280.00	Circ
P&A plug circulated up 7" to 9-5/8" annulus to surface.							
317	Poz:C	11.90	7.000	8.750	1,085.00	4,417.00	Calc
7" Production Casing: (B.J): Lead 317 sx 50:50:10 Poz:C:Gclt + 5% (bwow) salt. (11.9 ppg, 2.37 cu ft/sk). 7" set at 5412'. Btm put as top of window exit 4965'. CIBP set at 4970'.							
170	C	14.10	7.000	8.750	4,417.00	4,965.00	Calc
7" Production Casing: (B.J): Tail 170 sx Cl 'C' + 0.5% CD32 + 0.8% FL62 + 0.2% SMS extender. (14.1 ppg, 1.32 cu ft/sk). Full returns throughout, disp w/ FW, bumped plug to 1400 psi, floats held OK.							
595	PVL	13.00	4.500	6.125	1,174.00	9,086.00	CBL
4-1/2" Production Casing: (SLB): 20 Bbl CW100 chemical wash, 595 sx PVL (Pecos Valley Lite) acid soluble cement + 1.33 % salt + 0.3% D167 FLA + 0.2% D65 TIC + 0.2% D46 AF + 0.3% D13 CeLip. (13 ppg, 1.41 cu ft/sk.) Bumped plug to 2670 psi, float held.							

Zone and Perfs

Abo

Comments / Completion Summary

8/10/04: High rate 15% NEFE HCl acid job. Very little break during Acid stage. Achieved a rate of 92 bbl/min @ 3927 psi during Acid stage. Pumped 75,978 gals 15% NEFE HCl Acid. Flushed Acid with 10,569 gals 2% KCl water. (20 bbl overflush to last perf). 4067 psi @ 89 bbl/min during flush.

Do not have info on perfs.

Comment made 12/12/05 New Drill Never laid sales line/No Production

Above is original completion. Pulled slotted liner and ran new liner, perforated as below, stimulated. See WSR.

Perforations

Top	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl #
6,560.00	7,075.00	Abo	PA	11/17/2006	3/12/2008	6	50
Pumped plug and guns down to 7425' @ 10 bpm, set plug @ 7425', P/U to 7325' & shot 14 holes, P/U to 7075' & shot 13 holes, P/U to 8840' & shot 12 holes, P/U to 6560' & shot 11 holes.							
7,575.00	8,010.00	Abo	PA	11/17/2006	3/12/2008	6	50
Pumped plug and guns down to 8100' @ 8 bpm, set plug @ 8100', P/U to 8010' & shot 14 holes, P/U to 7885' & shot 13 holes, P/U to 7745' & shot 12 holes, P/U to 7575' & shot 11 holes.							
8,145.00	8,515.00	Abo	PA	11/17/2006	3/12/2008	6	50
Pumped plug and guns down to 8580' @ 8 bpm, set plug @ 8580', P/U to 8515' & shot 14 holes, P/U to 8370' & shot 13 holes, P/U to 8255' & shot 12 holes, P/U to 8145' & shot 11 holes.							
8,610.00	9,030.00	Abo	PA	7/19/2006	3/12/2008	6	50
Gun # 1 - 9030', 14 shots, 2-10' subs, 1-2' sub, 2 joints tubing, Gun # 2 - 8935', 13 shots, 2-10' subs, 4 joints tubing, Gun # 3, 8780', 12 shots, 1-4' sub, 5 joints tubing, Gun # 4 8610', 11 shots.							

Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
12.00	1,280.00	Cmt	4.500	Yes	3/13/2008
Perforated 4-1/2" csg at 1280' w/ 4 holes, pumped 350 sx cement down 4-1/2" taking returns up 7" and 9-5/8" annulus.					
1,830.00	1,950.00	Cmt	4.500	Yes	3/12/2008
25 sx cement plug Filled cellar w/ dry dirt and cutoff wellhead and casings, welded dry hole marker on top of casing.					
3,960.00	4,100.00	Cmt	4.500	Yes	3/12/2008
25 sx cement plug.					
6,340.00	6,480.00	Cmt	4.500	Yes	3/12/2008
25 sx cement mixed at 14.8 ppg. Hole disp above 6340' w/ 9.5 ppg mud.					
6,480.00	6,481.00	CIBP	4.500	Yes	3/12/2008
P&A plug, per BLM requirements.					
7,425.00	7,426.00	CIBP	4.500	No	11/17/2006
Composite Flow-thru Frac Plug, drilled out on 12-1-06.					
8,100.00	8,101.00	CIBP	4.500	No	11/17/2006
Composite Flow-thru Frac Plug, drilled out on 12-1-06.					

Wellbore Schematic (From Surface to TD)

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Wellbore Plugs and Junk

Top	Bottom	Type	Diameter	Solid	Date
8,580.00	8,581.00	CIBP	4.500	No	11/17/2006
Composite Flow-thru Frac Plug, drilled out on 12-1-08.					