

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

District I
1625 N. French, 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

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

WELL API NO.
30-015-34155

5. Indicate Type Of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
34222

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER **RECEIVED**

7. Lease Name or Unit Agreement Name
1625 STATE

2. Name of Operator
LCX Energy, LLC

JAN 14 2006

8. Well No.
221

3. Address of Operator
110 N. Marienfeld St. Suite 200, Midland, TX 79701

9. Pool name or Wildcat
COTTONWOOD CREEK - WOLFCAMP

4. Well Location

Unit Letter A : 760' Feet From The NORTH Line and 660' Feet From The EAST Line

Section 22 Township 16S Range 25E NMPM EDDY County

10. Date Spudded 08/19/05 11. Date T.D. Reached 10/03/05 12. Date Compl. (Ready to Prod.) 12/14/05 13. Elevations (DF & RKB, RT, GR, etc.) 3473' GR, 3492' KB 14. Elev. Casinghead

15. Total Depth 8838' 16. Plug Back T.D. 8790' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By R Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 5235' - 8656' MD 20. Was Directional Survey Made YES

21. Type Electric and Other Logs Run DENSITY/NUETRON/GR/MICROLOG 22. Was Well Cored NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	375'	17 1/2"	500 SX CLC	
9 5/8"	36#	1260'	12 1/4"	150 SX CLC 630 SX CLH	
5 1/2"	17#	8838'	8 3/4" / 7 7/8"	635 SX 35/65 POZ A 940 SX	50/50 POZ H

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	4890'	4890'

26. Perforation record (interval, size, and number)

5235' - 5827' 50 SHOTS, 5990' - 6590' 50 SHOTS
6850' - 7670' 50 SHOTS, 7857' - 8657' 50 SHOTS

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5235' - 8656'	20,000 GAL 15% ACID 800 K
	GAL FW, 320 K # 20/40 SD
	3/2T C02

28. PRODUCTION

Date First Production 12/14/05 Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING Well Status (Prod. or Shut-in) PROD

Date of Test 12/27/05 Hours Tested 24 Choke Size 38/64 Prod'n For Test Period Oil - Bbl. Gas - MCF 1424 Water - Bbl. 60 Gas - Oil Ratio

Flow Tubing Press. 375 Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF 1424 Water - Bbl. 60 Oil Gravity - API -(Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD

Test Witnessed By
BILLY WALKER

30. List Attachments

31. 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 Kanicia David
F-mail address

Printed Name
KANICIA DAVID

Title REGULATORY ANALYST Date 01/11/06

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 620'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 1752'	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb 3290'	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo 3970'	T.	T. Wingate	T.
T. Wolfcamp 5031'		T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from to No. 3, from to
 No. 2, from to No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
 No. 2, from to feet
 No. 3, from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
			SEE ATTACHMENT				

1625 STATE #221 LITHOLOGY RECORD

<u>FROM</u>	<u>TO</u>	<u>THICKNESS IN FEET</u>	<u>LITHOLOGY</u>
1200	1470	270	ANHYDRITE/DOLOMITE
1470	1800	330	DOLOMITE/LIMESTONE
1800	1840	40	DOLOMITE/LIMESTONE/SAND
1840	2120	280	ANHYDRITE/DOLOMITE
2120	2140	20	DOLOMITE
2140	2210	70	ANHYDRITE/DOLOMITE
2210	2280	70	ANHYDRITE/DOLOMITE/LIMESTONE
2280	2420	140	DOLOMITE/SAND/LIMESTONE
2420	2680	240	DOLOMITE/ANHYDRITE/SAND/LIMESTONE
2680	2830	150	DOLOMITE/SAND/SHALE/SILT
2380	2880	500	ANHYDRITE/DOLOMITE/LIMESTONE
2880	3000	120	ANHYDRITE/DOLOMITE
3000	3160	160	DOLOMITE/LIMESTONE/SHALE
3160	3440	280	ANHYDRITE/DOLOMITE/LIMESTONE/SAND/SHALE
3440	4860	1420	ANHYDRITE/DOLOMITE/SHALE/LIMESTONE
4860	4980	120	DOLOMITE/SHALE
4980	5060	80	CHERT/DOLOMITE
5060	5201	141	DOLOMITE/LIMESTONE/CHERT
5201	8840	3639	DOLOMITE/CHERT

Survey Report

Report Date: October 3, 2005	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: LCX Energy LLC.	Vertical Section Azimuth: 271.080°
Field: Eddy County, NM Nad 83	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: 1625 ST Com #221 / 1625 ST Com #221	TVD Reference Datum: RKB
Well: 1625 ST Com #221	TVD Reference Elevation: 0.0 ft relative to
Borehole: 1625 ST Com #221	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/AP#:	Magnetic Declination: 8.724°
Survey Name / Date: 1625 ST Com #221_surveys / September 7, 2005	Total Field Strength: 49545.551 nT
Tort / AHD / DDI / ERD ratio: 179.765° / 4023.31 ft / 6.106 / 0.804	Magnetic Dip: 60.807°
Grid Coordinate System: NAD83 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: September 07, 2005
Location Lat/Long: N 32 54 48.416, W 104 27 59.367	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 696072.900 ftUS, E 500474.700 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.07235410°	Total Corr Mag North -> Grid North: +8.796°
Grid Scale Factor: 0.99991100	Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	4400.00	1.02	72.64	4399.90	5.61	7.73	-5.46	9.47	324.77	0.00	73.40M
	4496.00	1.10	73.40	4495.89	3.92	8.25	-3.76	9.07	335.48	0.08	57.40M
	4539.00	0.40	57.40	4538.88	3.40	8.45	-3.24	9.05	339.01	1.68	-90.30M
	4570.00	1.70	269.70	4569.88	3.77	8.51	-3.61	9.24	337.00	6.61	-93.60M
	4602.00	5.00	266.40	4601.82	5.64	8.42	-5.48	10.04	326.94	10.33	-0.99G
	4633.00	8.40	266.00	4632.60	9.24	8.17	-9.09	12.22	311.98	10.97	2.65G
	4665.00	12.00	266.80	4664.09	14.89	7.83	-14.74	16.69	297.96	11.26	2.93G
	4696.00	15.70	267.50	4694.19	22.29	7.46	-22.15	23.37	288.62	11.95	6.74G
	4727.00	19.70	268.90	4723.71	31.70	7.18	-31.57	32.38	282.81	12.98	6.37G
	4758.00	24.10	270.10	4752.47	43.25	7.09	-43.13	43.71	279.34	14.27	7.89G
	4790.00	28.60	271.40	4781.14	57.45	7.29	-57.33	57.79	277.25	14.18	4.44G
	4821.00	33.60	272.10	4807.67	73.46	7.78	-73.33	73.74	276.06	16.17	4.91G
	4853.00	38.70	272.80	4833.50	92.32	8.60	-92.18	92.58	275.33	15.99	3.17G
	4885.00	43.70	273.20	4857.57	113.38	9.70	-113.22	113.64	274.90	15.65	-1.94G
	4916.00	48.10	273.00	4879.14	135.63	10.91	-135.44	135.88	274.60	14.20	-4.22G
	4948.00	52.40	272.60	4899.60	160.21	12.11	-160.01	160.47	274.33	13.47	-5.56G
	4979.00	55.80	272.20	4917.77	185.31	13.16	-185.10	185.56	274.07	11.02	-1.95G
	5010.00	58.30	272.10	4934.63	211.32	14.13	-211.09	211.56	273.83	8.07	-3.58G
	5042.00	61.10	271.90	4950.78	238.94	15.09	-238.70	239.18	273.62	8.77	-7.31G
	5073.00	63.90	271.50	4965.09	266.44	15.91	-266.18	266.66	273.42	9.10	-16.32G
	5105.00	67.70	270.30	4978.20	295.62	16.36	-295.36	295.81	273.17	12.36	-8.48G
	5136.00	73.50	269.40	4988.50	324.84	16.28	-324.59	325.00	272.87	18.91	-21.42G
	5167.00	78.00	267.60	4996.13	354.84	15.49	-354.61	354.95	272.50	15.57	-3.16G
	5198.00	83.40	267.30	5001.13	385.36	14.13	-385.17	385.42	272.10	17.45	9.45G
	5229.00	86.40	267.80	5003.89	416.18	12.81	-416.01	416.21	271.76	9.81	0.00G
	5260.00	88.30	267.80	5005.32	447.09	11.62	-446.95	447.10	271.49	6.13	-19.18G
	5291.00	90.60	267.00	5005.62	478.03	10.22	-477.92	478.03	271.22	7.86	13.38G
	5321.00	92.70	267.50	5004.76	507.94	8.78	-507.87	507.94	270.99	7.20	15.22G
	5352.00	93.80	267.80	5003.00	538.84	7.51	-538.79	538.84	270.80	3.68	147.28G
	5383.00	92.40	268.70	5001.32	569.75	6.56	-569.73	569.77	270.66	5.37	173.29G
	5415.00	90.70	268.90	5000.46	601.72	5.89	-601.71	601.74	270.56	5.35	45.00G
	5446.00	91.00	269.20	5000.00	632.69	5.38	-632.70	632.73	270.49	1.37	68.18G
	5478.00	91.60	270.70	4999.27	664.68	5.35	-664.69	664.72	270.46	5.05	180.00G
	5509.00	91.30	270.70	4998.49	695.67	5.73	-695.68	695.71	270.47	0.97	-160.34G
	5540.00	89.90	270.20	4998.16	726.66	5.97	-726.68	726.70	270.47	4.80	71.56G
	5570.00	90.00	270.50	4998.19	756.66	6.16	-756.68	756.70	270.47	1.05	53.13G
	5603.00	90.90	271.70	4997.93	789.66	6.79	-789.67	789.70	270.49	4.55	-41.17G
	5634.00	91.70	271.00	4997.23	820.65	7.52	-820.65	820.69	270.52	3.43	154.98G
	5665.00	90.20	271.70	4996.71	851.64	8.25	-851.64	851.68	270.56	5.34	164.48G
	5697.00	88.40	272.20	4997.10	883.64	9.34	-883.62	883.67	270.61	5.84	-44.99G
	5729.00	88.50	272.10	4997.97	915.62	10.54	-915.58	915.64	270.66	0.44	180.00G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	5760.00	88.40	272.10	4998.81	946.60	11.67	-946.55	946.62	270.71	0.32	-15.95G
	5792.00	89.10	271.90	4999.51	978.59	12.79	-978.52	978.61	270.75	2.27	-15.94G
	5823.00	89.80	271.70	4999.80	1009.59	13.76	-1009.51	1009.60	270.78	2.35	4.08G
	5854.00	91.20	271.80	4999.53	1040.58	14.71	-1040.49	1040.59	270.81	4.53	-116.57G
	5886.00	91.00	271.40	4998.92	1072.57	15.60	-1072.47	1072.58	270.83	1.40	-153.43G
	5917.00	90.20	271.00	4998.59	1103.57	16.25	-1103.46	1103.58	270.84	2.89	-87.39G
	5948.00	90.30	268.80	4998.46	1134.56	16.20	-1134.46	1134.58	270.82	7.10	-98.13G
	5980.00	90.20	268.10	4998.32	1166.53	15.33	-1166.45	1166.55	270.75	2.21	36.87G
	6011.00	90.60	268.40	4998.10	1197.49	14.39	-1197.43	1197.52	270.69	1.61	-18.43G
	6042.00	90.90	268.30	4997.70	1228.45	13.49	-1228.42	1228.49	270.63	1.02	142.12G
	6072.00	90.00	269.00	4997.46	1258.42	12.79	-1258.41	1258.47	270.58	3.80	113.20G
	6103.00	89.40	270.40	4997.62	1289.41	12.63	-1289.41	1289.47	270.56	4.91	101.31G
	6134.00	89.30	270.90	4997.97	1320.41	12.98	-1320.40	1320.47	270.56	1.64	45.00G
	6166.00	89.70	271.30	4998.25	1352.41	13.59	-1352.39	1352.46	270.58	1.77	-18.43G
	6197.00	90.90	270.90	4998.09	1383.41	14.19	-1383.39	1383.46	270.59	4.08	-14.03G
	6228.00	91.30	270.80	4997.50	1414.40	14.65	-1414.38	1414.45	270.59	1.33	19.97G
	6260.00	92.40	271.20	4996.46	1446.39	15.20	-1446.36	1446.44	270.60	3.66	146.32G
	6291.00	91.80	271.60	4995.33	1477.36	15.96	-1477.33	1477.41	270.62	2.33	-169.69G
	6322.00	90.70	271.40	4994.65	1508.36	16.77	-1508.31	1508.40	270.64	3.61	88.07G
	6364.00	90.80	274.40	4994.10	1550.33	18.90	-1550.25	1550.36	270.70	7.15	-140.19G
	6396.00	90.20	273.90	4993.82	1582.28	21.21	-1582.16	1582.30	270.77	2.44	-135.00G
	6427.00	89.90	273.60	4993.79	1613.24	23.24	-1613.09	1613.26	270.83	1.37	90.00G
	6460.00	89.90	273.80	4993.85	1646.21	25.37	-1646.02	1646.22	270.88	0.61	7.13G
	6491.00	90.70	273.90	4993.69	1677.17	27.45	-1676.95	1677.18	270.94	2.60	14.02G
	6522.00	92.70	274.40	4992.77	1708.11	29.69	-1707.86	1708.12	271.00	6.65	33.64G
	6553.00	93.30	274.80	4991.15	1739.01	32.18	-1738.72	1739.01	271.06	2.33	-151.93G
	6585.00	91.80	274.00	4989.72	1770.93	34.63	-1770.59	1770.93	271.12	5.31	-137.28G
	6616.00	90.50	272.80	4989.10	1801.89	36.47	-1801.53	1801.89	271.16	5.71	33.69G
	6647.00	91.10	273.20	4988.67	1832.87	38.09	-1832.48	1832.88	271.19	2.33	-11.31G
	6679.00	91.60	273.10	4987.92	1864.84	39.85	-1864.42	1864.85	271.22	1.59	44.98G
	6710.00	91.90	273.40	4986.97	1895.81	41.60	-1895.36	1895.82	271.26	1.37	158.20G
	6741.00	91.40	273.60	4986.08	1926.77	43.50	-1926.29	1926.78	271.29	1.74	38.63G
	6773.00	92.40	274.40	4985.02	1958.71	45.73	-1958.19	1958.73	271.34	4.00	-126.86G
	6804.00	91.50	273.20	4983.96	1989.65	47.78	-1989.10	1989.68	271.38	4.84	-98.12G
	6836.00	91.40	272.50	4983.15	2021.63	49.37	-2021.05	2021.66	271.40	2.21	-157.38G
	6866.00	90.20	272.00	4982.73	2051.62	50.55	-2051.03	2051.65	271.41	4.33	14.03G
	6898.00	91.40	272.30	4982.28	2083.61	51.75	-2083.00	2083.64	271.42	3.87	33.67G
	6929.00	92.00	272.70	4981.37	2114.58	53.10	-2113.96	2114.63	271.44	2.33	17.08G
	6961.00	93.30	273.10	4979.89	2146.53	54.72	-2145.88	2146.58	271.46	4.25	-161.57G
	6991.00	92.10	272.70	4978.47	2176.48	56.23	-2175.81	2176.54	271.48	4.22	-146.32G
	7022.00	91.80	272.50	4977.42	2207.45	57.64	-2206.76	2207.51	271.50	1.16	-90.00G
	7053.00	91.80	272.10	4976.44	2238.43	58.88	-2237.72	2238.49	271.51	1.29	-99.46G
	7085.00	91.70	271.50	4975.47	2270.41	59.89	-2269.69	2270.48	271.51	1.90	104.04G
	7116.00	91.60	271.90	4974.57	2301.40	60.81	-2300.66	2301.47	271.51	1.33	-63.42G
	7147.00	91.70	271.70	4973.68	2332.38	61.78	-2331.63	2332.45	271.52	0.72	-90.00G
	7179.00	91.70	271.50	4972.73	2364.37	62.67	-2363.61	2364.44	271.52	0.62	-90.00G
	7210.00	91.70	271.40	4971.81	2395.35	63.46	-2394.58	2395.42	271.52	0.32	0.00G
	7242.00	92.00	271.40	4970.78	2427.34	64.24	-2426.56	2427.41	271.52	0.94	26.55G
	7273.00	92.20	271.50	4969.64	2458.32	65.02	-2457.53	2458.39	271.52	0.72	-68.17G
	7304.00	92.40	271.00	4968.40	2489.29	65.70	-2488.49	2489.36	271.51	1.74	38.62G
	7336.00	92.90	271.40	4966.92	2521.26	66.37	-2520.45	2521.33	271.51	2.00	-172.88G
	7367.00	91.30	271.20	4965.78	2552.23	67.07	-2551.42	2552.30	271.51	5.20	158.20G
	7399.00	90.80	271.40	4965.20	2584.23	67.79	-2583.41	2584.30	271.50	1.68	-90.00G
	7430.00	90.80	271.20	4964.76	2615.23	68.50	-2614.40	2615.30	271.50	0.65	-90.00G
	7462.00	90.80	271.10	4964.32	2647.22	69.14	-2646.39	2647.29	271.50	0.31	-45.00G
	7493.00	90.90	271.00	4963.86	2678.22	69.71	-2677.38	2678.29	271.49	0.46	-71.56G
	7524.00	91.00	270.70	4963.34	2709.21	70.17	-2708.37	2709.28	271.48	1.02	26.55G
	7556.00	91.20	270.80	4962.73	2741.21	70.59	-2740.36	2741.27	271.48	0.70	104.03G

Casing and Cementing Detail

Well: State Com 1625 # 221		AFE #: LCXD5016	
Casing Size: 5.5"	Drillers TD: 8838'	Previous Casing: 9.625" @ 1260'	
Date: 10/2/2005	Loggers TD: Not Logged	Depth Set: 8838'	
Rig: Big Dog # 13	Rig KB Height: 19	Hole Size: 7.875"	

[illegible]

CEMENTING AIDS & CENTRALIZERS								Float Equip. Co.: Weatherford / Gamco			
Depth	Type	Depth	Type	Depth	Type	Depth	Type	Depth	Type	Depth	Type
8,810.00	B	8,065	B	7165	B	8265	B	5385	B	4485	B
8,740.00	B	7,840.00	B	6940	B	6040	B	5140	B	4240	B
8,515.00	B	7,615.00	B	6715	B	5815	B	4915	B	4015	B
8,290.00	B	7390	B	6490	B	5590	B	4690	B	3790	B

OPERATIONS PRIOR TO CEMENTING													Mud Company: Horizon						
Circulating Time:		120 mins		Circ. Rate:		6 BPM		Circ. Pressure:		500		Mud Type:		XCD / BW		Hook Load:		50K	
Mud Properties:		MW	FV	WL	PV/VP	Gels	Solids	Oil %	pH	C+	Ca2+					Pick Up Wt:		75K	
9.3		34	12	6.6	2.4	7			9	14000	1000					Slack Off Wt:		35K	

[illegible][illegible]

POST CEMENTING OPERATIONS			Wellhead Company: J and W Services	
Casing Weight: 129K	Next Wellhead Section	Tubinghead	WOC Time: N/A	
Weight On Hanger:	Test Pressure: 4000 psi		Drill-out Fluid:	
Hung in (spool): 11' 5K			Depth Cement Tagged:	
Wellhead Profile: C22			Casing Test (MW) psi	
Remarks:			Shoe Test (MW) psi	

Operator's Representative:	Wayne Keel	Date:	3-Oct-05
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