

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 6448
Name: Lincoln 77, Inc.
Address: 630 W. Cherry
City/State/Zip: Chanute, KS 66720
Purchaser: C.M.I.
Operator Contact Person: Richard E. Winn
Phone (316): 431-7582
Contractor: Name: Lincoln 77, Inc.
License: 6448
Wellsite Geologist: Richard E. Winn

RECEIVED
STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS
AUG 18 2000

Designate Type of Completion
 New Well Re-Entry Workover
 Oil Gas Dry
 SUD ENHR Other (Core, MSW, Expl., Cathodic, etc)
 SIGW SIGW Temp. Abd.

If Workover:

Operator: _____
Well Name: _____
Comp. Date: _____ Old Total Depth: _____
 Deepening Re-perf. Conv. to Inj/S&D
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SUD or Inj?) Docket No. _____
6-29-2000 Spud Date 7-7-2000 Date Reached TD 7-8-2000 Completion Date

API NO. 15- 207-26-693-0000
County Woodson **ORIGINAL**
SW - SE - NE - NE Sec. 23 Twp. 23 Rge. 16
4145' Feet from SW (circle one) Line of Section
440' Feet from SW (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)
Lease Name Murray Twins Well # 21
Field Name LrRoy, Neosho Falls
Producing Formation Lower Squirrel
Stratification: Ground N/A KB N/A
Section Depth 1025' PSTD 1007'
Amount of Surface Pipe Set and Cemented at 41' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from surface
feet depth to 41 w/ 21 sx cmt.
Drilling Fluid Management Plan ALT #2 KGR 7/05/07
(Data must be collected from the Reserve Pit)
Chloride content 500 ppm Fluid volume 300 bbls
Dewatering method used air dry
Location of fluid disposal if hauled offsite: _____
Operator Name _____
Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for details). ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Vice President Date: 8-17-00
Subscribed and sworn to before me this 17th day of August, 2000
Notary Public: [Signature]
Date Commission Expires: 6-6-04

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
KCC SUD/Rep NGPA
KGS Plug Other (Specify)

LEANNE COURTER
Notary Public - State of Kansas
My Appt. Expires 6-6-04

Operator Name Lincoln 77, Inc Lease Name Murray Twins Well # 21

East County Woodson

Sec. 23 Twp. 23 Rge. 16 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)
 List All E.Logs Run:
 (See enclosed electric log)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 (see enclosed driller's log)

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	Sacks Used	Type and Percent Additives
surface	9 7/8"	7"	23#	41'	Portland A	21	1/2 sx calcium
production	5 7/8"	2 7/8" EUE	6 1/2#	1007'	Portland A	150 sx	250# gel 35# flocele

ADDITIONAL-CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2 shots/ ft	17 Holes @ 952' to 960'		Spotted 50 gal 15% HCl@	952'
	Used steel carrier gun		Used 95 BBL's of gelled water	
			1000# 20/40 sand	
			3500# 8/12 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
no tubing			(2 1/2 completion)		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SLD or Inj.				Producing Method			
8-15-2000				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
20	10		Trace		10		24

Disposition of Gas: METHOD OF COMPLETION Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 952' to
 (if vented, submit ACD-18.) Other (Specify) _____ 960'

OKIRIANT

BLUE STAR ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticker
and Invoice Number

ORIGINAL
No. **2269**

Date 7-8-00	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location 12:30pm	Job Began 1:15pm	Job Completed 2:00pm
Owner Lincoln 77, Inc.		Contractor Co. Tools			Charge To Lincoln 77, Inc.			
Mailing Address 630 West Cherry Street		City Chanute			State Kansas 66720			
Well No. & Form Murray Twins #		Place Woodson			State Kansas			
Depth of Well	Depth of Job 1008'	Clay	(New) (Used)	Size Weight	Size of Hole Ann. and Kind of Cement 5 1/2" 150SKS.	Cement Left in casing by	Request (Necessity)	feet 0'
Kind of Job Longstring					Drillpipe Tubing 2 3/4"	(Rotary) (Cable)	Truck No. Unit # 2	

Remarks **Rigupie Tubing, Taped bottom at 1008' by initials**
Break circulation with fresh water. Mix 150SKS 60/40 Pozmix
Shut down, washout pump & lines. Release Two Plugs
Displace Plugs with 58.00lb water.
Final pumping at 400 P.S.I. - Bumped Plug to 900 P.S.I.
Close Tubing in with 900 P.S.I.
Job complete with good cement returns

Price Reference No.	
Price of Job	450.00
Second Stage	
Miscs	63.00
Other Charges	
Total Charges	513.00

Cementor **Bradley Butcher**
 Helper **Steve - Mike** District **Eureka** State **Kansas**
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.
 Called by **Richard**
 Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
150	SKS. 60/40 Pozmix cement	5.20	780.00
250	lbs. Gel 2% (Included in cement)	8.60	N/L
35	lbs. Flocc. 1/4lb. 0 1/2 SK.	1.00	35.00
2	2 3/4" Top Rubber Plugs	12.00	24.00
	150SKS Handling & Dumping	.50	75.00
	657 Ten Miscs	.30	137.97
	Sub Total		1564.97
	Delivered by Truck No. Unit # 4	Discount	
	Delivered from Eureka	Sales Tax	5.9%
	Signature of operator Brad Butcher	Total	92.33
			1657.30

DRILLER'S LOG

ORIGINAL

Top soil	0	to	6
Clay	6	to	26
Sand & Gravel	26	to	30
Gray Shale	30	to	93
Lime	93	to	101
Sand	101	to	119
Lime	119	to	121
Sand	121	to	127
Lime	127	to	142
Shale	142	to	145
Lime	145	to	165
Shale	165	to	255
Lime	255	to	272
Black Shale	272	to	281
Lime	281	to	336
Disposal Zone			
Soft white lime	336	to	371
Hard lime	371	to	381
Black shale	381	to	382
Lime	382	to	384
Shale	384	to	396
Lime	396	to	397
Shale	397	to	404
Lime	404	to	407
(Some sand) Shale	407	to	433
(Top KC) Lime	433	to	436
Shale	436	to	439
Lime	439	to	447
Shale	447	to	449
Lime	449	to	506
Stark Black Shale	506	to	513
Swope Lime	513	to	535
Hush Black Shale	535	to	543
Lime	543	to	559
Shale	559	to	562
(Base KC) Lime	562	to	564
Pleasington Shale	564	to	723
Black Shale	723	to	726
Gray shale	726	to	732
Lime	732	to	735
Shale	735	to	742
Lime	742	to	744
Shale	744	to	751
Lime	751	to	761
Black Shale	761	to	763
Gray Shale	763	to	820
Lime	820	to	840
Shale	840	to	854
Lime	854	to	858
Black Shale	858	to	861
Gray Shale	861	to	872
Lime	872	to	879
Shale	879	to	894
Lime	894	to	898
Black Jack Creek			
Black Shale	898	to	900
Little Osage Lime	900	to	903
Excello Black Shale	903	to	910
Gray Shale	910	to	946
1st Lime Cap Rock	946	to	949
Shale	949	to	951 1/2
2nd Lime Cap Rock	951 1/2	to	951 3/4
Excellent almost solid O.S.	951 3/4	to	952 1/4
Gray Shale w/some lam. O.S.	952 1/4	to	952 1/2
Fair-2" almost solid O.S.	952 1/2	to	953
Excellent almost solid O.S.	953	to	954 1/4
Gray Shale	954 1/4	to	954 3/4
Excellent mostly solid O.S.	954 3/4	to	958
Good lam. O.S. & Shale	958	to	959 1/2

Lincoln 77, Inc.
630 W. Cherry
Chanute, KS 66720

Murray Twins Lease, Well # 21
SW SE NE NE Sec. 23, Twn. 23, Rge 16E
Woodson County, Kansas
4145' From South Line
440' From East Line
API# 15-207-26693-0000
Set 41' of 23# 7" surface casing on 6-29-00
Used 16 sx of premium gel
Used 21 sx of Portland "A" cement
Used 1/2 sx calcium
Drilled 9 7/8" hole for surface pipe
Reached T.D. of 1025' on 7-7-00
Ran 1007' of 2 7/8" 8RD EUE Tubing
1 2 1/2" x 8" 8 RD S/N @ 944'
1 2 7/8" 10Th reg. weld on collar
1 2 1/2" tubing clamp w/bolts
2 2 7/8" x 6" centralizers
1 2 7/8" EUE 8RD collar
1 1/2" x 4" bolt w/nut
Finished Well 7-8-00

CONTRACTOR
#06448
Lincoln 77, Inc.
630 W. Cherry
Chanute, KS 66720

Driller: Richard E. Winn
Stanley R. Winn
Geologist: Richard E. Winn

ORIGINAL

Poor lam. O.S. & mostly gray shale	959 1/2 to	961 1/2
Reamed & Rat Holed	961 1/2 to	965
Gray Shale	965 to	1001
Black Shale	1001 to	1004
Gray shale	1004 to	1025
T.D.	1025	

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STATE CORPORATION COMMISSION

AUG 18 2000

CONSERVATION DIVISION
Wichita, Kansas