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#### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

### WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 32119 .	API No. 15 - 175-21986-0000
Name: Northern Natural Gas Co.	County: Seward
Address: 1111 South 103rd Street	NWSWNW_Sec1Twp32S_SR33WEast 🗸 West
City/State/Zip: Omaha, NE 68013	1576' feet from S /(N)(circle one) Line of Section
Purchaser:	570' feet from E / W (circle one) Line of Section
Operator Contact Person:Duane Moody	Footages Calculated from Nearest Outside Section Corner:
Phone: (402) 398-7843	(circle one) NE SE NW SW
Contractor: Name: McLean's C P Installation, Inc.	Lease Name: Sublette Station Well #: #2
License: 32775	Field Name: Sublette Station WellI #2
Wellsite Geologist:  Designate Type of Completion:	Producing Formation: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 220' Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expt., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmtsx cmt.
Well Name:	Drilling Fluid Management Plan
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name: Nichols Fluid Service
Other (SWD or Enhr.?) Docket No	Lease Name: Johnson #3 License No.: 31983
05-16-05 05-19-05	Quarter Sec. 16 Twp. 34 S. R. 32 East V West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: /seward 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, workove Information of side two of this form will be held confidential for a period of 1: 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promultated in return herein are complete and correct to the best of my knowledge	State of Texas
Signature:	omm. Exp. 08-31-2008 KCC Office Use ONLY
Title: Operations Manager Date: 0-33-0	25 NO Letter of Confidentiality Received
1312 ( )	If Denied, Yes Date:
Subscribed and sworp to before me this day of	Wireline Log Received
20 (1) // // //	Geologist Report Received
Notary Public: May Col Des	UIC Distribution
B-31-2008	



Side Two

ORIGINAL

Operator Name: Nort	hern Natural Ga	as Co.		Lease	Name:	Sublette Sta	ion	_ Well #:#	2	
Sec. 1 Twp. 325			t 🗹 West	County	Cal	ward	·	·		
INSTRUCTIONS: Shortested, time tool open a temperature, fluid recovered temperature fluid recovered temperature.	and closed, flowing very, and flow rates	and shu if gas to	t-in pressures, surface test, a	whether shalong with f	nut-in pre	ssure reached	static level, hydro	static pressu	res, botto	m hole
Drill Stem Tests Taken (Attach Additional Sh	eets)	Y	es 🗌 No			og Format	ion (Top), Depth a	and Datum		Sample
Samples Sent to Geological Survey				Name Top Dat					Datum	
Cores Taken		Y	es 🗌 No							
Electric Log Run (Submit Copy)		□ Y	es No					R	FCFI	VED
List All E. Logs Run:										
								Jl	JL 0 1	ZUUD
		,			·			KC	CW	ICHITA
		Repo	CASING rt all strings set-c	RECORD			ction, etc.			
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		
	17 1/2"	10"				20'	Neat	17	Portland w/wate	
•				CEMENTIN	NG / SQU	EEZE RECOR				
Purpose: Perforate	Depth Top Bottom	Туре	of Cement	#Sacks	#Sacks Used Type and Per			Percent Additives	S	
Protect Casing Plug Back TD										
Plug Off Zone										
Shots Per Foot	Specify Fo	ootage of	RD - Bridge Plug Each Interval Per	s Set/Type forated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth		
				,						
		•								
		·								
TUBING RECORD	Size	Set At		Packer A	t į	Liner Run	· Yes No			
Date of First, Resumerd P	roduction, SWD or En	hr.	Producing Meth	nod	Flowing	Pump	ng Gas Lif	t Oth	er (Explain	)· .
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Water	· E	bls. G	ias-Oil Ratio		Gravity
Disposition of Gas	METHOD OF CO	MPLETIC	)N		Production Interval					
Vented Sold (If vented, Subm	Used on Lease		Open Hole	Perf.	Di	ually Comp.	Commingled _			



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ep Well GroundBed Data:	Date: 05/19/05				
Job Number: NNG52-2005KS	Drilling Contractor: McLean's CP Installation, Inc.				
Company Name: Northern Natural Gas	Facility/Line: Sublette Station Well #2				
Subject: Deep Well #2	State: Kansas				
Well Depth: 220'	County: Seward				
Diameter: 10"	Other: JC				
Casing: 20'					
Type of Backfill: SC2	TEST VOLTAGE: 14				
Anode Type: (1) set of (20) 4"X80					

	<del></del>								
Drilling Log			Electrical Log				Anode Log		
Depth:	Formation Type:	Matarial		FORE BACK			1/-1/	AFTER BA	
рериі.	Formation Type:	Material:	Volt	Anode	Anode#		Volt	Anode	Anode
0'	Top Soil	<del>- </del>		Depth				Depth	<del> </del>
5'	Top Soil	Casing			<del> </del>				<del> </del>
10'	Sandy Clay	Casing	<del></del>	<del> </del>	<del> </del>			<del> </del>	
15'	Sand	Casing			<del></del>			<del> </del>	<b></b>
- 20	Sandy Clay	Casing/Hole Plug	2.4	37'	20		3.3	37'	20
25	"	Hole Plug		<u> </u>			1 0.5		20
30	0	SC2	1.9	46'	19		3.3	46'	19
35	"	SC2						1.	,
40	· ·	SC2	2.4	55'	18		3.3 .	55'	18
45	н	SC2							
50	"	SC2	2.5	64'	. 17		3.3	64'	17
55	n	SC2							l
60	, ,	SC2	1.6	73'	16		3.4	73'	16
65	*	SC2							
70		SC2	1.7	82'	15		3.5	82'	15
75	may 2	SC2							
80	"	SC2	2.2	91'	14		3.3	91'	14
85	11	SC2							
90	*	SC2	19	110'	13		3.3	110'	13
95	"	SC2 .							
100	<b>"</b> ."	SC2	1.2	109'	12		3.2	109'	12
105	*	SC2							
110		SC2	1.4	118'	11		. 3.2	118'	11
115		SC2							
120	"	SC2	0.6	127'	10		3.1	127'	10
125 130		SC2	<del></del>	100				<u> </u>	
135		SC2	1.4	136'	9		3.0	136'	9
140		SC2	· · · · · ·	4.451					
145	Sandstone	SC2 SC2	0.9	145'	8		3.0	145'	8
150	Saliusione "	SC2	0.4	154'	7			4541	ļ
155		SC2	0.4	134			2.9	154'	7
160	"	SC2	0.3	163'	6	<del></del>	2.8	163'	6
165	11	SC2	- 0.3	103	- 0		2.0	103	- 0
170	"	SC2	0.5	172'	5		2.8	172'	5
175	н .	SC2	- 0.0	172	<del></del>		2.0	172	
180		SC2	0.6	181'	4	<del></del>	2.7	181'	4
185	"	SC2						101	<u> </u>
190	"	SC2	0.6	190'	3		2.6	190'	3
195		SC2						<del>                                     </del>	<u>_</u>
200	"	SC2	0.6	199'	2		2.5	199'	2
205	"	SC2					-		<del></del>
210	"	SC2	1.0	208'	1		2.4	208'	1
215	"	SC2							
220	"	SC2	0.5						
225								1	
230									
235									
240									
245 250		1.							

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Deep Weil: Sublette Station Well #3

McLean's CP installation, Inc. 4520 State Highway 136 Amarillo, TX 79108

Location of waste disposal:

### RE: WASTE DISPOSAL - FLUID, MUD/CUTTINGS

Operator Name: Nichell Plu. 0 SPPDICT 1110
Date of Waste Disposal: 5-19-2005
Lease Name: Jahnson #3
License Number: 31983
Section: 16 Twp: 34 R 32 Bast West
County: Seward
The undersigned herby certifies that all information shown hereon is true and correct to the best of their knowledge and belief.
Michaels Fleid beiere Inc Company Name
Date: 5-23-2006  Authorized Signature

2.01

NICHOLS FLUID SERVICE INC. 316 INDUSTRIAL PARK AVE LIBERAL, KS 67901 (620)624-5582 (620)624-4900 (fax)

٠.

## ORIGINAL INVOICE

INVOICE NO.: INVOICE DATE:

150302 05/24/2005

SUBLETTE STATION 1 & 2 Seward Co KS

MCLEAN'S C. P. INST 4520 ST HWY 136 RECEIVED

JUL 0 1 2042

KCC WICHITA

Qty UM

AMARILLO, TX 79108

Description

TICKET # 28428 - (05/19/2005 14.00 HR Haul Water 170 BBL Disposal Fee FSC

TOTAL FOR TICKET # 28428

TICKET # 28426 - 05/20/2005 3.00 HR Haul Water FSC TOTAL FOR TICKET # 28426

TICKET # 29921 - 05/20/2005 3.00 HR Haul FW 100.00 BBL Fresh Water FSC

TOTAL FOR TICKET # 29921

PLEASE PAY THIS AMOUNT =========>

### ORIGINAL

Just	lett. MNG		29338
<b>0</b> ,	AAB Plains Ready Mi	X	_0000
*	REPORTS ON THE TYPES CONCRETE WORK		
P.O. BOX	638 PLAINS, KANSAS 67869	PHON	E: 620-563-9382
ORDER NO	) DATE	511	8/05
SOLD TO	MCLEANS CHI	25/0	1107101
ADDRESS			
DELIVER T	· NOAMEN EUS H	117/	
CASH		ime OUT ime IN	
QUANTITY	DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	,
13/4	CUBIC YARDS CONCRETE 1		
	% CALCIUM CHLORIDE		
	WATER REDUCER SUM (S.		
	OZ. AIR ENTRAINING 5, 2000		
	HOT WATER		
	FIBER		
	ROCK		
	MILEAGE @ 5/1/ PER CUBIC YD MILE HAU		
	HOURS WAITING TIME		
	GALLONS WATER ADDED ON JOB		
	SERVICE CHARGE - FOR UNDER 3 YARDS		
right of way Unloading t This concre Any water a	IMPORTANT sible for any damage done by truck after leaving stree . NO CREDIT for returned concrete. ime allowed (1) hour.  RECEIPT AND RELEASE te designed in accordance to A.C.I. Standards. idded to this design will be at purchaser's risk. THE ABOYE MATERIAL IN GOOD CONDITION.		

A SERVICE CHARGE of 2% per month, with an effective annualized invoice amounts if not paid by the end of the month following the mon minimum SERVICE CHARGE shall be \$1.00 per month.

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