

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 # 32283  
Name: Western Operating Company  
Address: 518 17th Street, Suite 1680  
City/State/Zip: Denver Colorado 80202  
Purchaser: \_\_\_\_\_

Operator Contact Person: Steven D. James  
Phone: (303) 893-2438

Contractor: Name: Murfin Drilling Co.  
License: 30606

Wellsite Geologist: Richard J. Hall

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

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

11/10/00    11/26/00    11/27/00  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 071-20737-0000  
County: Greeley

NE SE NE Sec. 22 Twp. 20 S. R. 42  East  West  
1650 feet from S / N (circle one) Line of Section  
480 feet from E (circle one) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Crussell Well #: 1-X  
Field Name: No Man's

Producing Formation: Morrow

Elevation: Ground: 3739' Kelly Bushing: 3749'  
Total Depth: 5270' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 538 Feet  
Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan O&A gR 10/25/01  
(Data must be collected from the Reserve Pit)  
Chloride content 1300 ppm Fluid volume 20,000 bbis  
Dewatering method used Evaporation and Land Farm

Location of fluid disposal if hauled offsite:  
Operator Name: Western Operating Company  
Lease Name: Crussell License No.: 32283  
Quarter NE Sec. 22 Twp. 20 S. R. 42  East  West  
County: Greeley Docket No.: \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION  
WICHITA, KS  
JAN 05 2001

**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 of 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 confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. 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: \_\_\_\_\_  
Title: Vice President Date: 12/26/00  
Subscribed and sworn to before me this 26 day of December  
2000  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 4/27/02

**KCC Office Use ONLY**

Letter of Confidentiality Attached  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

KCC

15-071-20737-00-00

ORIGINAL

Operator Name: Western Operating Company Lease Name: Crussell Well #: 1-X  
 Sec. 22 Twp. 20 S. R. 42  East  West County: Greeley

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  DIL CND Sonic	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Name</th> <th style="width:20%;">Top</th> <th style="width:20%;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>2,440</td> <td>1,309</td> </tr> <tr> <td>Neva</td> <td>3,260</td> <td>489</td> </tr> <tr> <td>Lansing</td> <td>4,044</td> <td>-295</td> </tr> <tr> <td>Morrow Shale</td> <td>5,047</td> <td>-1,298</td> </tr> <tr> <td>Morrow Lime</td> <td>5,148</td> <td>-1,399</td> </tr> </tbody> </table>	Name	Top	Datum	Stone Corral	2,440	1,309	Neva	3,260	489	Lansing	4,044	-295	Morrow Shale	5,047	-1,298	Morrow Lime	5,148	-1,399
Name	Top	Datum																	
Stone Corral	2,440	1,309																	
Neva	3,260	489																	
Lansing	4,044	-295																	
Morrow Shale	5,047	-1,298																	
Morrow Lime	5,148	-1,399																	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	17 1/2"	13 3/8"	32#	538'	Comm.	385	3% cc 2% gel
Int. Csg.	12 1/4"	8 5/8"	24# & 32#	2423'	Comm.	1000	3% cc 2% gel

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				

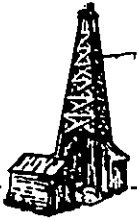
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze, etc. (Amount and Kind of Material Used)
		RECEIVED KANSAS CORPORATION COMMISSION JAN 05 2001 CONSERVATION DIVISION WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------	--------	-----------	--

Date of First, Resumed Production, SWD or Enhr. <u>D&amp;A</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
---	--

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____



ORIGINAL

WHITEHALL EXPLORATION

15-071-20737-00-00

Wellsite Geological Consulting / Complete Well Logging

GEOLOGICAL ANALYSIS & WELL REPORT

Western Operating Company

Crussell No. 1-X

1,650' FNL & 480' FEL  
Section 22-Township 20 South-Range 42 West  
Greeley County, Kansas

RECEIVED  
KANSAS CORPORATION COMMISSION

November 28, 2000

JAN 05 2001

Richard J. Hall  
CPG No. 4749

CONSERVATION DIVISION  
WICHITA, KS

15-071-20737-00-00

GENERAL INFORMATION

Elevation: K.B. 3,749' G.L. 3,739'  
(All measurements are from K.B.)

Contractor: Murfin Drilling Co. - Wichita, KS

Rig: No. 14

Surface Casing: 13 3/8" set @ 538'

Intermediate Casing: 8 5/8" set @ 2,418'

Production Casing: None

Total Depth: LTD 5,268' - RTD 5,270'

Drilling Time: 4,450' to 5,270' RTD

Samples Saved: 4,450' to 5,270' RTD

Samples Examined: 4,450' to 5,270' RTD

Wellsite Geologist: Richard J. Hall - CPG No. 4749  
Wellsite Geological Consultant  
Whitehall Exploration

Mudlogging Unit: None

Type Unit: None

Mudlogging Geologist: None

Engineer: None

DST Company/Tester: None

Number of Tests: None

Mud Company/Engineer: Service Mud Inc./ Tony Maestas & Reid  
Atkins

Mud Type: Chemical

Mud Up: 2,100'

Electric Logging Company: Reeves Wireline Services (Liberal, KS)

Type Logs: Dual Induction Laterlog  
Compensated Neutron/Density w/PE  
Sonic Log

Total Depth Formation: Lower Morrow Limestone Formation

Drilling Samples: Not Kept

Well Status: Dry and Abandoned

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 05 2001

CONSERVATION DIVISION  
WICHITA, KS

15-071-20737-00-00

DAILY DRILLING CHRONOLOGY

<u>2000 DATE</u>	<u>7:00 A.M. DEPTH</u>	<u>24 HOUR FOOTAGE</u>	<u>7:00 A.M. OPERATION: 24 HOUR ACTIVITY</u>
11/2	0	0	MIRU; spud @ 4:00 P.M., drilling, survey, drilling, survey, drilling, circ, survey, trip out, rig up and run surf. csg., WOC,
11/3	511'	511'	WOC; test BOP, drilling, survey, drilling,
11/4	1,335'	824'	Drilling ahead; trip out and repair BOP, trip in, blow out @ 2,183', drilling, let blow-out flow, mix mud,
11/5	2,274'	939'	Mix mud; drilling,
11/6	2,415'	141'	Drilling ahead; circ - WOO, trip out 9 stands, mix mud, pump down hole, trip out and lay down drill collars, trip in hole,
11/7	2,506'	91'	Plug hole with cement; lay down drill pipe, rig down.
11/8			Skid rig, rig up.
11/9	0	0	Rig up; spud @ 6:00 P.M., drilling, survey, drilling, survey, drilling, survey, trip out - ream, drilling,
11/10	270'	270'	Drilling ahead; survey, drilling, survey, drilling, survey, circ, trip out, rig up and run 12 jts 13 3/8" set @ 538', WOC,
11/11	538'	268'	WOC; drill out cement plug, test BOP, WO welder,
11/12	538'	0	WO welder; welding well head, test BOP, drilling, survey, drilling,
11/13	1,365'	827'	Drilling ahead; mix weight mud, pull 2 stands,
11/14	2,100'	735'	Mix weight mud, mix mud,
11/15	2,100'	0	Mix mud; build mud weight, drilling,
11/16	2,198'	98'	Drilling ahead; drilling,
11/17	2,396'	198'	Drilling ahead; circ, drop survey, trip out of hole - tight, rig up and run 24 jts 8 5/8" casing, set @ 2,418', circ, cement with 600 sx, WOC,

15-071-20737-00-00

11/18	2,418'	22'	Waiting on cement, trip in hole w/bit, test BOP, drill cement,
11/19	2,418'	0	Drilling cement plug; drilling, lost (200 bbl) circ @ 2,991', drilling,
11/20	3,115'	697'	Drilling ahead; lost circ (100 bbl) @ 3,129', drilling, trip for hole in pipe, lay down 2 drill collars, trip in hole, drilling, lost circ @ 3,544', drilling,
11/21	3,560'	445'	Drilling ahead; displace hole @ 3,785', drilling,
11/22	4,140'	580'	Drilling ahead; lost circ (200 bbl) @ 4,246', drilling,
11/23	4,555'	415'	Drilling ahead; drilling,
11/24	4,825'	270'	Drilling ahead; drop survey, trip for bit, drilling.
11/25	5,070'	245'	Drilling ahead; CFS @ 5,091', drilling, CFS @ 5,141', drilling, CFS @ 5,159', drilling, reach RTD, CFS, short trip, circ, survey, strap out of hole,
11/26	5,270'	200'	Rig up and run wireline logs, prepare to cement and plug and abandon well.

15-071-20737-00-00

REFERENCE WELLS

Reference Well "A":

Western Operating Co.  
Siverson No. 1-X  
490' FNL and 540' FWL  
Section 23-T20S-R42W  
Greeley County, Kansas  
Elevation: 3,750' KB  
LTD: 5,300'  
Date Drilled: June, 1998  
TD Formation: Mississippian  
Status: Lower Morrow (V-7) Sandstone gas producer

DEVIATION RECORD

<u>Survey</u> <u>Depth</u>	<u>Deviation</u> <u>(Degrees)</u>	<u>Method</u>
134'	1/2	Drop
196'	1/4	Drop
319'	1/2	Wireline
439'	1	Wireline
538'	1	Drop
1,340'	1 1/4	Wireline
2,418'	1 3/4	Drop
2,963'	1	Wireline
4,951'	Misrun	Drop
5,270'	3/4	Drop

DRILL STEM TESTS

None

CORES

None

15-071-20737-00-00

**FORMATION TOPS**

FORMATION	Crussell No. 1			Siverson 1X REFERENCE WELL "A"	REFERENCE WELL "B"	DIFFERENCE TO REFERENCE WELL	
	SAMPLE TOPS	ELECTRIC LOG TOPS	DATUM			"A"	"B"
PERMIAN							
Stone Corral/Base	**	2440	1309	1310		-1	
Neva	**	3260	489	484		5	
PENNSYLVANIAN							
Heebner	**	3935	-186	-185		-1	
Lansing	**	4044	-295	-296		1	
Marmaton	4551	4553	-804	-796		-8	
Cherokee Shale	4688	4682	-933	-932		-1	
Atoka	4885	4885	-1136	-1131		-5	
Morrow Shale	5044	5047	-1298	-1291		-7	
V6 Morrow Sd	Absent	Absent	NA	Absent		NA	
V7 Morrow Sd	Absent	Absent	NA	-1372		NA	
Morrow Limestone	5145	5148	-1399	-1400		1	
Morrow Sh to Lo. Mo. Ls Isopach	101	101	101	109		-8	
MISSISSIPPIAN							
Mississippian	NDE	NDE	NDE	-1506		NA	

\*\* Formation Tops not called - Geologic Supervision started at 4,550'.

NA = Not Available

NDE=Not Deep Enough



15-071-20737-00-00

## WELL AND GEOLOGIC SUMMARY

### General

The Crussell No. 1-X was drilled as a step out well approximately 1/3 mile southwest of the Siverson No. 1-X Morrow V-7 Sandstone gas producer. Seismic data interpretation indicated potential Morrow V-6 Sandstone or equivalent development in this direction with the hope of extending the channel fill fluviol sandstone development and substantial commercial gas producing basal Morrow Sandstone found in the Siverson No. 1-X.

The Crussell No. 1-X is located in Southwestern Greeley County, Kansas, 6 miles east of the Colorado Stateline. It is 10 miles west and 11 1/3 miles south of Tribune, Kansas. The only objective for commercial hydrocarbon production in this well was the Basal Morrow (V-6 and V-7) Formation Sandstones. As documented through sample examination and wireline electric log analysis, no channel system development is present at this location. As a result, no Morrow Sandstone development is present in the Crussell No. 1-X.

Murfin Drilling spudded the Crussell No. 1 (1,800' FNL and 330' FEL - Section 22) on November 2, 2000. The well blew out at 2,274' in the Permian section. After attempts to control the well, the decision was made to skid the rig and set intermediate 8 5/8" casing through the blow out zone. The Crussell No. 1-X was spudded on November 9, 2000 and RTD was reached on November 26, 2000. Lost circulation was encountered several times at 2,991' (lost 200 bbls.), 3,129' (lost 100 bbls.) and 4,246' (lost 200 bbls.). No hydrocarbon sample shows were observed or drill stem tests run in this well.

### Structure

The Crussell No. 1-X ran structurally mixed, but approximately flat in general in relation to the Siverson No. 1-X Reference Well. Electric log formation tops are Base/Stone Corral +1309, Cherokee Shale -933, Morrow Shale -1298, and Lower Morrow Limestone -1399. A 101 foot thick Morrow Section (Morrow Shale to Lower Morrow Limestone) is present in this well.

### Summary

As a result of the Crussell No. 1-X not encountering the valley-fill channel environment required for Morrow Formation fluvial sandstone deposition, no Morrow Sandstone development is present at this location. Therefore, with only production objective absent, the Crussell No. 1-X was plugged and abandoned as a dry hole.

Respectfully Submitted,



Richard J. Hall  
Certified Petroleum Geologist No. 4749  
Consulting Wellsite Geologist  
Whitehall Exploration

# ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

5362 ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

C.T. OAKLEY  
C.T. C.T.

DATE <u>11-10-00</u>	SEC. <u>22</u>	TWP. <u>20S</u>	RANGE <u>42W</u>	CALLED OUT	ON LOCATION <u>9:30 PM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>4:00</u>
LEASE <u>RUSSELL</u>	WELL # <u>1-X</u>	LOCATION <u>TREBUNE 7W-11S-3W</u>			COUNTY <u>GREELEY</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR MURFIN DRUG. REG # 14 OWNER SAME

TYPE OF JOB SURFACE  
 HOLE SIZE 17 1/2" T.D. 538'  
 CASING SIZE 13 3/4" DEPTH 541'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 82 1/2 BBL.

CEMENT AMOUNT ORDERED 3855 SKS COM 3% CC 286EL

COMMON	<u>385 SKS</u>	@	<u>7.55</u>	<u>2,906.25</u>
POZMIX	<del>154 SKS</del>	@	<del>3.00</del>	
GEL	<u>7 SKS</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE	<u>14 SKS</u>	@	<u>28.00</u>	<u>392.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>406 SKS</u>	@	<u>1.02</u>	<u>426.30</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>1,624.00</u>

TOTAL 5,415.55

**EQUIPMENT**

PUMP TRUCK # 191 CEMENTER TERRY  
 HELPER DEAN  
 BULK TRUCK # 280 DRIVER WAYNE  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

CEMENT DIED CIRC.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
THANK YOU

**SERVICE**

DEPTH OF JOB	<u>541'</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100 miles</u>	@	<u>3.00</u> <u>300.00</u>
PLUG		@	
		@	
		@	

TOTAL 770.00

CHARGE TO: WESTERN OPERATING CO.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

<u>13 3/8</u>			
<u>1-CENTRALIZER</u>	@		<u>88.00</u>
	@		
	@		
	@		
	@		

TOTAL 88.00

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 5367

Federal Tax I.D.#

ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

ORLEY

CITY C.T. C.T. C.T.

DATE <u>11-18-00</u>	SEC <u>22</u>	TWP. <u>20S</u>	RANGE <u>41W</u>	CALLED OUT	ON LOCATION <u>2:15 AM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>7:00 AM</u>
CRUSSELL LEASE	WELL # <u>1-X</u>	LOCATION <u>TRIBUNE 7W-11S-3W</u>			COUNTY <u>GREELEY</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)							

CONTRACTOR MURFIN DRUG. REC #14 OWNER SAME

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 2418'

CASING SIZE 8 7/8 DEPTH 2422'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 45'

CEMENT LEFT IN CSG. 45'

PERFS.

DISPLACEMENT 151 1/2 BBL.

CEMENT

AMOUNT ORDERED 400SKS ASC 29.00

600SKS COM 37.00 29.60

COMMON	<u>600 SKS</u>	@	<u>7.55</u>	<u>4,530.00</u>
POZMIX		@		
GEL	<u>11 SKS</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE	<u>30 SKS</u>	@	<u>28.00</u>	<u>840.00</u>
	<u>ASC 400 SKS</u>	@	<u>9.05</u>	<u>3,620.00</u>
		@		
		@		
		@		
HANDLING	<u>1,041 SKS</u>	@	<u>1.05</u>	<u>1,093.05</u>
MILEAGE				<u>4,164.00</u>

TOTAL 14,351.55

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 347 DRIVER ANDREW

BULK TRUCK

# 218 DRIVER DAVID

280 TERRY

REMARKS:

SERVICE

CEMENT + DED CIRC.

FLOAT HELD. SHUT IN HEAD

THANK YOU

DEPTH OF JOB	<u>2422'</u>		
PUMP TRUCK CHARGE			<u>1480.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100 miles</u>	@	<u>3.00</u> <u>300.00</u>
PLUG	<u>8 7/8 RUBBER</u>	@	<u>90.00</u>
		@	
		@	

TOTAL 1,470.00

CHARGE TO: WESTERN OPERATING, CO.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	<u>8 5/8</u>		
1-T.P. 64002 SHOE		@	<u>265.00</u>
1-AFU INSERT		@	<u>325.00</u>
3-CENTRALIZERS		@	<u>5.50</u> <u>165.00</u>
1-THREAD LOC		@	<u>30.00</u>
		@	

TOTAL 785.00

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME

# ALLIED CEMENTING CO., INC. 5408

Federal Tax I.D.#

ORIGINAL

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE <u>11-26-00</u>	SEC. <u>22</u>	TWP. <u>20S</u>	RANGE <u>42W</u>	CALLED OUT	ON LOCATION <u>6:15 PM</u>	JOB START <u>6:45 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>Cruessell</u>	WELL# <u>1-Y</u>	LOCATION <u>Tribune 7wlls 3w</u>			COUNTY <u>Greeley</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 1y

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 5270'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH 3120'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED  
265 sks 60/40 p2 60 gel 1/4 Flo Seal

COMMON	<u>159 sks</u>	@	<u>7.55</u>	<u>1,200.45</u>
POZMIX	<u>106 sks</u>	@	<u>3.25</u>	<u>344.50</u>
GEL	<u>14 sks</u>	@	<u>9.50</u>	<u>133.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>66 #</u>	@	<u>1.15</u>	<u>75.90</u>
		@		
		@		
		@		
		@		
HANDLING	<u>281 sks</u>	@	<u>1.05</u>	<u>295.05</u>
MILEAGE	<u>4¢ p2 - 5k/mile</u>			<u>1,124.00</u>

TOTAL 3,172.90

EQUIPMENT

PUMP TRUCK CEMENTER Dean

# 191 HELPER Andrew

BULK TRUCK

# 280 DRIVER Dave

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

SERVICE

1st Plug at 3120' w/ 100 sks

2d Plug at 2440' w/ 50 sks

3rd Plug at 1410' w/ 40 sks

4th Plug at 600' w/ 40 sks

5th Plug 40' w/ 10 sks

15 sk in Rat Hole

10 sk in Mouse Hole

DEPTH OF JOB	<u>3120'</u>		
PUMP TRUCK CHARGE			<u>675.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>100 miles</u>	@	<u>3.00</u>
PLUG		@	
		@	
		@	

TOTAL 975.00

Thank you

CHARGE TO: Western Operating Co

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_