



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1199242
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1199242

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	# Sacks Used	Type and Percent Additives

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Downing 'B' 1-1
Doc ID	1199242

All Electric Logs Run

Dual Induction
Dual Compensated
Microresistivity
Borehole Compensated

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Co. Inc.**

LEASE **Downing B #1-1**

FIELD **Scoda**

LOCATION **1980' T&I & 1910' fwl**

SEC **1** TWP **1** RGE **36**

COUNTY **Rawlins** STATE **Kansas**

CONTRACTOR **Murfin Drilling Co. Inc. Rig 2**

SPUD **1/2/2014** COMP **1/5/2014**

RTD **4:54:00** LTD **4:54:00**

MUD UP **3:28:40** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3:54:00** TO **TD**

DRILLING TIME KEPT FROM **3:54:00** TO **TD**

SAMPLES EXAMINED FROM **3:54:00** TO **TD**

GEOLOGICAL SUPERVISION FROM **3697'**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMER EMPLOYER **Robert D. Hendrix**

FORMER EMPLOYER **Robert D. Hendrix**

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ELEVATIONS

KB **3922'**

DF

GL **3211'**

Measurements Are All From **Kelly Bushing**

CASINO

CONDUCTOR

SURFACE **5:58' at 2:59'**

PRODUCTION **5:12' at 5:28'**

ELECTRICAL SURVEYS

Power: Edwards Services

Resistivity: Mckenzie

Geological Supervision From **3697'**

Geologist On Well **Robert D. Hendrix**

Former Employer **Robert D. Hendrix**

Former Employer **Robert D. Hendrix**

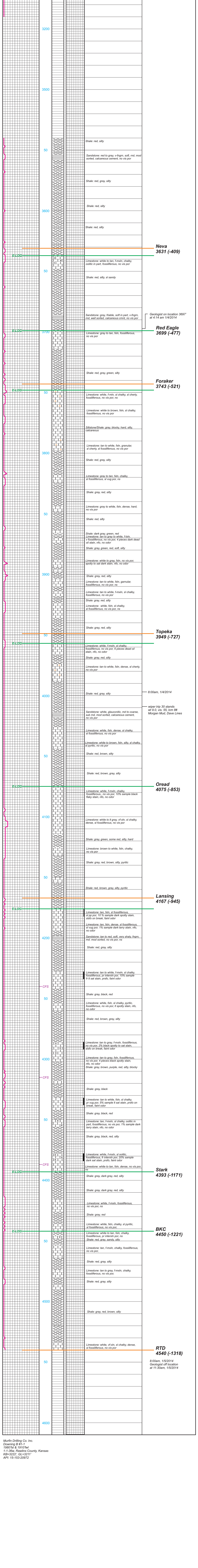
Former Employer **Robert D. Hendrix**

Former Employer **Robert D. Hendrix**

Former Employer **Robert D. Hendrix**

Former Employer **Robert D. Hendrix**

REMARKS:



Downing 'B' #1-1
 Daily Drilling Report
 Page Two

		MDCI Downing 'B' #1-1 1980' FSL 1910' FWL Sec. 1-T1S-R36W 3222' KB					MDCI Walter 'A' OWWO #1-1 1980' FSL 2080' FEL Sec. 1-T1S-R36W 3237' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3150	+72	+13	3151	+71	+12	3178	+59
B/Anhydrite	3185	+37	+10	3190	+32	+5	3210	+27
Neva	3631	-409	+11	3637	-415	+5	3657	-420
Red Eagle				3699	-477	+5	3719	-482
Foraker	3743	-521	+9	3748	-526	+4	3767	-439
Topeka	3949	-727	+10	3957	-735	+2	3974	-737
Oread				4075	-853	+4	4094	-857
Lansing	4167	-945	+11	4176	-954	+2	4193	-956
Stark				4393	-1171	-1	4407	-1170
BKC				4442	-1220	Flat	4457	-1220
RTD	4540	-1318					5270	
LTD				4540	-1318		5266	



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

Acct -
cc: WT
cc: Liz
cc: L-1

DATE	INVOICE #
1/5/2014	25803

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661
USED FOR <u>LC 103</u>
APPROVED <u>[Signature]</u>

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-1	Downing B	Rawlins	Company Tools	Oil	Development	5-1/2" LongString	Wayne

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	150	Miles	6.00	900.00
579D	Pump Charge - Top To Bottom LongString - 4528 Feet	1	Job	2,000.00	2,000.00
221	Liquid KCL (Clayfix)	4	Gallon(s)	25.00	100.00T
281	Mud Flush	500	Gallon(s)	1.25	625.00T
403-5	5 1/2" Cement Basket	3	Each	300.00	900.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer	15	Each	90.00	1,350.00T
413-5	5 1/2" Roto Wall Scratcher	10	Each	40.00	400.00T
419-5	5 1/2" Rotating Head Rental	1	Each	200.00	200.00T
325	Standard Cement	200	Sacks	14.50	2,900.00T
330	Swift Multi-Density Standard (MIDCON II)	300	Sacks	18.50	5,550.00T
276	Flocele	125	Lb(s)	2.50	312.50T
283	Salt	1,000	Lb(s)	0.20	200.00T
284	Calseal	9	Sack(s)	35.00	315.00T
285	CFR-1	150	Lb(s)	4.50	675.00T
290	D-Air	5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement	500	Sacks	2.00	1,000.00
583D	Drayage	3,815.63	Ton Miles	1.00	3,815.63
	Subtotal				22,103.13
	Sales Tax Rawlins County			7.90%	1,136.61

Thank You For Your Business In 2013!
We Look Forward To Serving You In 2014!

Total \$23,239.74



Services, Inc.

TICKET 25803

CHARGE TO: **MURFEL DRIG, Co. Inc**
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

SERVICE LOCATIONS: **Ness City, KS**
 WELLS/PROJECT NO.: **1-1** LEASE: **Downing "B"** COUNTY/PARISH: **PAWNEE** STATE: **KS** CITY: **LOCATED** DATE: **1-5-14** OWNER: **same**
 CONTRACTOR: **Go Tools** RIG NAME/NO.: _____
 TICKET TYPE: SERVICE SALES
 WELL TYPE: **Oil** WELL CATEGORY: **Developmstr** JOB PURPOSE: **5 1/2" LONGSTRING** DELIVERED TO: **LOCATED** ORDER NO.: _____
 INVOICE INSTRUCTIONS: _____ WELL PERMIT NO.: _____ WELL LOCATION: **N/Bradley, KS**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE # 115	150	mi			6.00	900.00
579		1			Pump Charge - Top to Bottom	1	NOB	4528	ft	200.00	2000.00
221		1			Heavy Vcl	4	gal			25.00	100.00
281		1			MUD FLUSH	500	gal			1.25	625.00
403		1			Cement BASKETS	3	EA		5 1/2"	300.00	900.00
406		1			LATCH DOWN PLUG - BAFFLE	1	EA			275.00	275.00
407		1			INSERT FLOAT SHOE w/AUTO FILL	1	EA			375.00	375.00
409		1			TUBBOARDS	15	EA			90.00	1350.00
413		1			ROTARY SEARCHERS	10	SEARCHED			40.00	400.00
419		1			ROTARY HEAD RESTAL	1	NOB			200.00	200.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

DATE SIGNED: **1-5-14** TIME SIGNED: **1930**
 AM PM

SURVEY
 OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
 WE UNDERSTOOD AND MET YOUR NEEDS?
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
 ARE YOU SATISFIED WITH OUR SERVICES?
 CUSTOMER DID NOT WISH TO RESPOND

AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL #1	7125.00
AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL #2	14978.13
SUBTOTAL			22,103.13	
TAX			1136.61	
TOTAL			23,239.74	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: **Davis Watson** APPROVAL: _____
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 1-5-14 PAGE NO. 1

CUSTOMER MURPHY DRUG CO. INC. WELL NO. 1-1 LEASE DOWNING "B" JOB TYPE 5/2 LONGSTRING TICKET NO. 25803

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1900							ON LOCATION
	1930							START 5/2" CASING IN WELL
								TD - 4540' SET = 4528
								TP - 4528' 5/2" 15.5
								ST - 21'
								TURBOLOGS - 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 15, 17, 22, 33
								CMT BSRS - 12, 23, 34
	2200							DROP BALL - CIRCULATE ROTATE
	2300	6	12		✓		500	PUMP 500 GAL MUD FLUSH
	2302	6	20		✓		500	PUMP 20 BBLS KCL - PREFLUSH
	2307		7-5					PLUG RH - MH (30 SKS - 20 SKS)
	2315	6	139		✓		350	MIX CEMENT - 250 SKS SMD = 11.2 PPG
		4 1/4	48		✓		100	200 SKS EA2 = 15.5 PPG
	2400							WASH OUT PUMP - LINES
	2400							RELEASE LATCH DOWN PLUG
	0005	7	0		✓			DISPLACE PLUG (1ST TANK KCL - WATER)
		7	105				1400	
	0020	6	107.3				1750	PLUG DOWN - PSE UP LATCH IN PLUG
	0025						OK	RELEASE PSE - HELD
								CIRCULATES 20 SKS CEMENT TO PET
								WASH TRUCK
	0130							JOB COMPLETE
								THANK YOU WAYNE, JASON, DUSTY, JOHN, JUAN



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

*acct.
Prod-LH*

Invoice Number: 140692
Invoice Date: Jan 2, 2014
Page: 1

Bill To:
Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Field Ticket #	Payment Terms	
Murfin	62127	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 2, 2014	2/1/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Downing B #1-1		
245.00	CEMENT MATERIALS	Class A Common	17.90	4,385.50
9.00	CEMENT MATERIALS	Chloride	64.00	576.00
257.25	CEMENT SERVICE	Cubic Feet Charge	2.48	637.98
948.88	CEMENT SERVICE	Ton Mileage Charge	2.60	2,467.09
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	OPERATOR ASSISTANT	Kevin Ryan		
1.00	OPERATOR ASSISTANT	Chris Helpingstine		

OKM

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3,787.63 *OKM 2/5/14*

ONLY IF PAID ON OR BEFORE

Jan 27, 2014

Subtotal	10,821.82
Sales Tax	391.96
Total Invoice Amount	11,213.78
Payment/Credit Applied	
TOTAL	11,213.78

- 3787.63
7426.15

ALLIED OIL & GAS SERVICES, LLC 062127

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Dallas, TX

DATE <i>11/2/14</i>	SEC. <i>1</i>	TWP. <i>1</i>	RANGE <i>36</i>	CALLED OUT	ON LOCATION	JOB START <i>4:30pm</i>	JOB FINISH <i>5:00pm</i>
LEASE <i>Downing</i> WELL # <i>1-1</i>		LOCATION <i>Beardsley N70 202 W70</i>			COUNTY <i>Newell</i>	STATE <i>Ks</i>	
OLD OR <i>NEW</i> (Circle one)		<i>17 S 1 mile N 1/2 W 202</i>					

CONTRACTOR *Max Finn 2* OWNER *Sam*

TYPE OF JOB *Surface*

HOLE SIZE *12 1/4* T.D. *262 6* CEMENT AMOUNT ORDERED *245 Com 370 CC*

CASING SIZE *8 5/8* DEPTH *262*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRE. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *15.78*

EQUIPMENT

PUMP TRUCK CEMENTER *Alan Ryan*

483-281 HELPER *Alan Ryan*

BULK TRUCK

390 DRIVER *Chris Helpingsline*

BULK TRUCK DRIVER

COMMON	<i>245 SK</i>	@ <i>17.92</i>	<i>4385.50</i>
POZMIX		@	
GEL		@	
CHLORIDE	<i>9 GK</i>	@ <i>64.2</i>	<i>576.00</i>
ASC		@	
HANDLING	<i>257.35</i>	@ <i>2.48</i>	<i>637.98</i>
MILEAGE	<i>200</i>	@ <i>11.861</i>	<i>2372.20</i>
			<i>700 246.70</i>
			<i>56</i>
			TOTAL <i>8062.56</i>

REMARKS:

Alan Ryan Circulates Max Cement Displace Cement

Shut in

Cement Displ Circulate

Frank Finn Alan Ryan, Chris

CHARGE TO: *Mackin Drilling*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1512.25*

EXTRA FOOTAGE @

MILEAGE *800 miles* @ *7.00* *5600.00*

MANIFOLD *225*

1000 lbs 800 lbs @ *4.10* *352.00*

TOTAL *2283.25*

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL

SALES TAX (if Any)

TOTAL CHARGES *10,801.81*

DISCOUNT *3,780.63* IF PAID IN 30 DAYS

7,021.17 Net

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Armando Cabero*

SIGNATURE *Armando Cabero*