



KANSAS CORPORATION COMMISSION 1101144
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5120
Name: Range Oil Company, Inc.
Address 1: 125 N MARKET ST STE 1120
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1711
Contact Person: John Washburn
Phone: (316) 265-6231
CONTRACTOR: License # 30141
Name: Summit Drilling Company
Wellsite Geologist: Roger Martin
Purchaser: Coffeyville Resources

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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
05/03/2012 05/11/2012 06/04/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-015-23940-00-00
Spot Description: _____
S2 NE SW SW Sec. 4 Twp. 29 S. R. 3 East West
940 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Butler
Lease Name: BOWMAN Well #: 1
Field Name: Rosehill
Producing Formation: Simpson
Elevation: Ground: 1319 Kelly Bushing: 1324
Total Depth: 3185 Plug Back Total Depth: 3180
Amount of Surface Pipe Set and Cemented at: 218 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: 1000 ppm Fluid volume: 500 bbls
Dewatering method used: Evaporated
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

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 11/19/2012



1101144

Operator Name: Range Oil Company, Inc. Lease Name: BOWMAN Well #: 1
 Sec. 4 Twp. 29 S. R. 3 East West County: Butler

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
Dual Porosity Dual Induction				

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	218	common	120	3% CaCl
Production	7.875	5.5	10.5	3180	ThixMix	175	

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 Record <i>(Amount and Kind of Material Used)</i>	Depth
2	3143 to 3147	natural	3143-47

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>3158</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>06/04/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>40</u>	Gas Mcf	Water Bbls. <u>13</u>	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>3143 - 3147</u>
---	--	--

Form	ACO1 - Well Completion
Operator	Range Oil Company, Inc.
Well Name	BOWMAN 1
Doc ID	1101144

Tops

Heebner	1791	-467
Lansing	2034	-710
Kansas City	2387	-1063
Mississippian	2878	-1554
Kinderhook	3052	-1728
Simpson SS	3130	-1806
Arbuckle	3164	-1840
RTD	3185	-1861

GENERAL INFORMATION

Client Information:

Company: RANGE OIL CO INC

Contact:

Phone: Fax: e-mail:

Site Information:

Contact: ROGER MARTIN

Phone: Fax: e-mail:

Well Information:

Name: BOWMAN #1

Operator: RANGE OIL CO. INC.

Location-Downhole:

Location-Surface: S4/29S/3E

Test Information:

Company: DIAMOND TESTINGJOHN RIEDL

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL

Job Number: D1134

Test Unit:

Start Date: 2012/05/10

Start Time: 13:00:00

End Date: 2012/05/10

End Time: 20:40:00

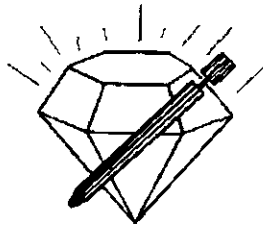
Report Date: 2012/05/10

Prepared By: JOHN RIEDL

Remarks:

Qualified By: ROGER MARTIN

RECOVERY: 15' OIL SPECKED DRILLING MUD



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313

ON 13:00:00 5/10/12

OFF 20:40:00 5/10/12

DRILL-STEM TEST TICKET
 FILE: STC/bowman1dst1

Company RANGE OIL CO. INC. Lease & Well No. BOWMAN #1
 Contractor SUMMIT DRLG Charge to RANGE OIL CO. INC.
 Elevation 1324 K.B Formation SIMPSON Effective Pay _____ Ft. Ticker No. D1133
 Date 5/10/12 Sec. 4 Twp. 29 S Range 3E W County BUTLER State KS
 Test Approved By ROGER MARTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3040 ft. to 3138 ft. Total Depth 3138 ft.
 Packer Depth 3035 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3040 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3043 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) 3135 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 6.2 cc. Weight Pipe Length 180 ft. I.D. 2 7/8 in.
 Chlorides 1,200 P.P.M. Drill Pipe Length 2834 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 98 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK AND DEAD IN 10 MINUTES NO BB
 2nd Open: NO BLOW NO BB

Recovered 15 ft. of OILSPECKED DRILLING MUD

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: <u>TOTAL FLUID RECOVERY :15' IN DRILL COLLARS</u> <u>TOOL SAMPLE GRINDOUT: 3%OIL 97%MUD)</u>	Price Job
	Other Charges
	Insurance
	Total

Time Set Packer(s) 4:10 P.M A.M. P.M. Time Started Off Bottom 6:10 P.M A.M. P.M. Maximum Temperature 103

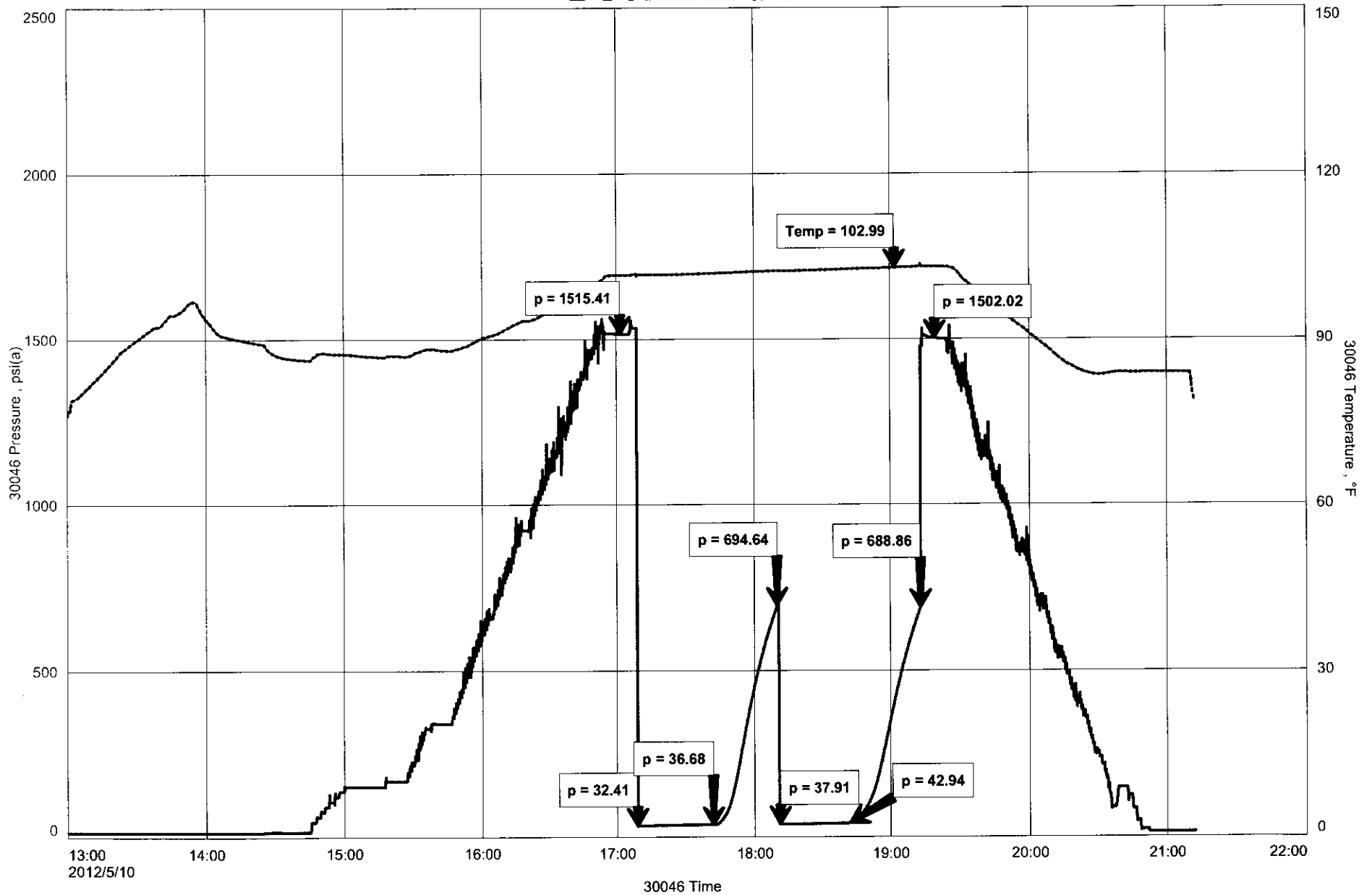
Initial Hydrostatic Pressure (A) 1515 P.S.I.
 Initial Flow Period Minutes 30 (B) 32 P.S.I. to (C) 37 P.S.I.
 Initial Closed In Period Minutes 30 (D) 695 P.S.I.
 Final Flow Period Minutes 30 (E) 38 P.S.I. to (F) 43 P.S.I.
 Final Closed In Period Minutes 30 (G) 689 P.S.I.
 Final Hydrostatic Pressure (H) 1502 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RANGE OIL CO INC
Start Test Date: 2012/05/10
Final Test Date: 2012/05/10

BOWMAN #1
Formation: SIMPSON
Job Number: D1134

BOWMAN #1



GENERAL INFORMATION

Client Information:

Company: RANGE OIL CO.

Contact: JOHN WASHBURN

Phone: Fax: e-mail:

Site Information:

Contact: ROGER MARTIN

Phone: Fax: e-mail:

Well Information:

Name: BOWMAN #1

Operator: RANGE OIL CO.

Location-Downhole:

Location-Surface: S4/29S/3E

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: ROGER MARTIN

Test Type: CONVENTIONAL Job Number: D1134

Test Unit:

Start Date: 2012/05/11 Start Time: 05:30:00

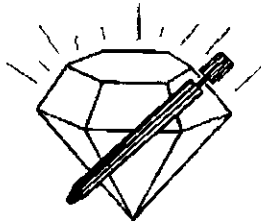
End Date: 2012/05/11 End Time: 16:30:00

Report Date: 2012/05/11 Prepared By: JOHN RIEDL

Qualified By: ROGER MARTIN

Remarks:

RECOVERY: 120' GAS IN PIPE, 537' GASSY OIL, 218' OIL+GAS CUT MUDDY WATER



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313

ON 05:30:00 5/11/12
 OFF 16:30:00 5/11/12

DRILL-STEM TEST TICKET
 FILE: STC/bowman1dst2

Company RANGE OIL CO. INC. Lease & Well No. BOWMAN #1
 Contractor SUMMIT DRLG Charge to RANGE OIL CO. INC.
 Elevation 1324 K.B Formation SIMPSON Effective Pay _____ Ft. Ticket No. D1134
 Date 5/11/12 Sec. 4 Twp. 29 S Range 3E W County BUTLER State KS
 Test Approved By ROGER MARTIN Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3138 ft. to 3150 ft. Total Depth 3150 ft.
 Packer Depth 3133 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3138 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3141 ft. Recorder Number 30046 Cap. 6000 P.S.I.
 Bottom Recorder Depth (Outside) 3147 ft. Recorder Number 11073 Cap. 4000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 50 Drill Collar Length 180 ft. I.D. 2 1/4 in.
 Weight 9.3 Water Loss 6.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 1,400 P.P.M. Drill Pipe Length 2942 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 12 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: STRONG (B.O.B 12 MINUTES) FAIR BB 4"
 2nd Open: STRONG (B.O.B 15 MINUTES) NO BB

Recovered <u>120</u> ft. of <u>GAS IN PIPE</u>	
Recovered <u>537</u> ft. of <u>GO(15%GAS 85%OIL) 39 GRAVITY</u>	
Recovered <u>156</u> ft. of <u>0+WCGM (10%OIL 25%WATER 20%GAS 45%MUD)</u>	
Recovered <u>62</u> ft. of <u>SLOCMW (5%OIL 30%MUD 65%WATER) 20,000 Ppm RES .32</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY : 755' (445' IN DRILL PIPE, 310' IN DRILL COLLARS)</u>	Insurance
<u>TOOL SAMPLE GRINDOUT (5%OIL 20%MUD 75%WATER)</u>	
<u>NOTE: DRILL PIPE WAS 3 1/2 IF</u>	Total

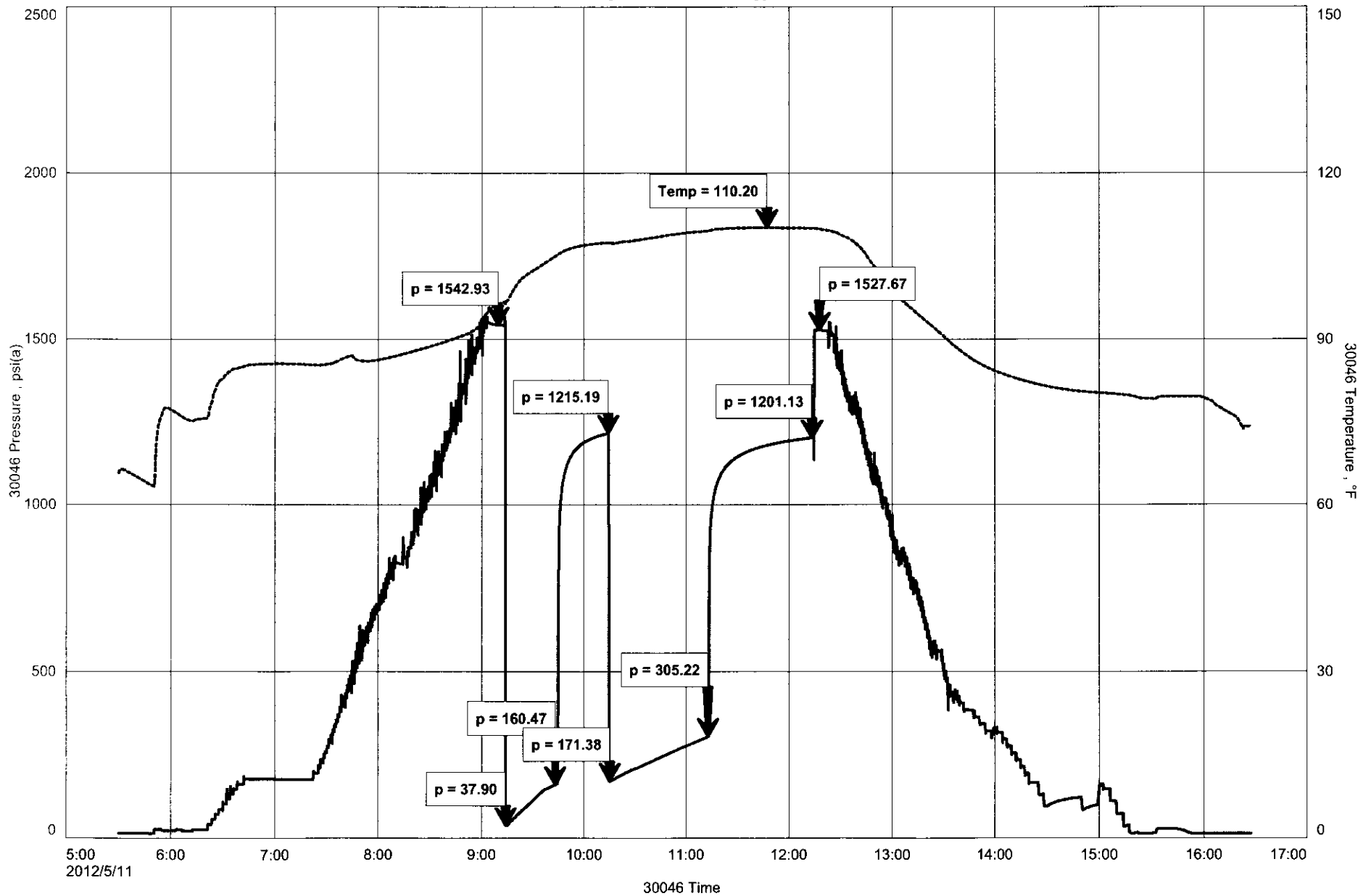
Time Set Packer(s) 9:15 A.M. A.M. P.M. Time Started Off Bottom 12:15 P.M. A.M. P.M. Maximum Temperature 110
 Initial Hydrostatic Pressure (A) 1543 P.S.I.
 Initial Flow Period Minutes 30 (B) 38 P.S.I. to (C) 160 P.S.I.
 Initial Closed In Period Minutes 30 (D) 1215 P.S.I.
 Final Flow Period Minutes 60 (E) 171 P.S.I. to (F) 305 P.S.I.
 Final Closed In Period Minutes 60 (G) 1201 P.S.I.
 Final Hydrostatic Pressure (H) 1528 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

RANGE OIL CO.
Start Test Date: 2012/05/11
Final Test Date: 2012/05/11

BOWMAN #1
Formation: SIMPSON
Job Number: D1134

BOWMAN #1



ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY RANGE OIL COMPANY, INC.
LEASE BOWMAN #1
FIELD ROSEHILL
LOCATION 940' FSL & 980' FWL
SECTION 4 **TOWNSHIP** 29S **RANGE** 3E
COUNTY BUTLER **STATE** KS

ELEVATIONS

KB 1324' **GL** 1314'
Measurements Are All
From KB: 1324'
API 15-015-23,940-00-00

CONTRACTOR Summit Drilling
SPUD 5-03-12 **COMP** 5-12-12
RTD 3185' (-1861) **LTD** 3184' (-1860)
ELECTRICAL SURVEYS
LOG-TECH: DIL; & CNL/CDL
2 DST's by DIAMOND TESTING.

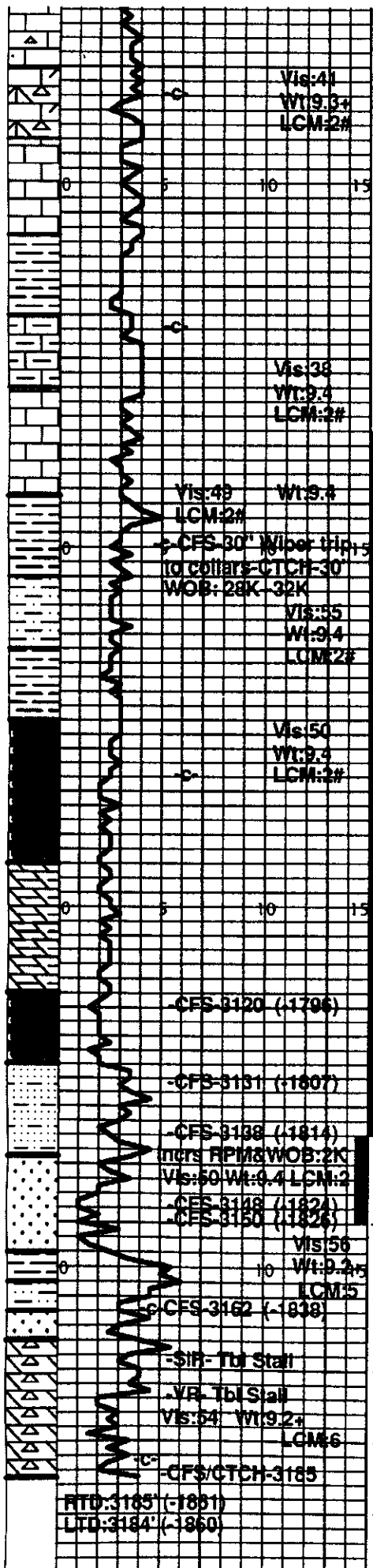
CASING

SURFACE 8&5/8" @ 218' KB w/
120 sx + 3% CaCl.
PRODUCTION 5&1/2" @ 3180' KB w/
175 sx thix mix cmt; PD@5pm 5-12.

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
OREAD	1750' (-426)	1750' (-426)	5-3-12; MIRT
HEEBNER	1791' (-467)	1791' (-467)	5-4-12; 8:00am; Drig @ 164' SHS: 0 deg @ 232'
DOUGLAS SS	1841' (-517)		
LANSING	2034' (-710)	2035' (-711)	5-5-12; 7:00am; Drig @ 425' SHS: 1/4 deg @ 730'
B/LANS.	2175' (-851)	2175' (-851)	5-6-12; 7:00am; Drig @ 1306' SHS: 1/2 deg @ 1297'
KANSAS CITY	2387' (-1063)	2387' (-1063)	
B/KC	2607' (-1283)	2607' (-1283)	5-7-12; 8:00am; Drig @ 1925' SHS: 3/4 deg @ 1799'
MARMATON	2633' (-1309)	2634' (-1310)	5-8-12; 8:00am; Drig @ 2400' SHS: 1/2 deg @ 2175'
MISS. CHERT	2878' (-1554)	2879' (-1555)	
MISS. LS	2894' (-1570)	2894' (-1570)	5-9-12; 8:00am; Drig @ 2869' SHS: 1/2 deg @ 2680'
KINDERHOOK SH	3052' (-1728)	3049' (-1725)	5-10-12; 9:55am; Circ @ 3138' Prep for DST#1; SHS: 3/4 deg @ 3138'
UPR. SIMPSON SS	3130' (-1806)	3128' (-1804)	
MID. SIMPSON SS	3142' (-1818)	3141' (-1817)	5-11-12; 9:00am; PTD:3150' DST#2
LWR. SIMPSON SS	3158' (-1834)	3162' (-1838)	5-12-12; 8:00; RTD:3185'; LTD:3184' Prep to run 5&1/2" csg. SHS: 3/4 deg @ 3185'
ARBUCKLE	3164' (-1840)	3166' (-1842)	
TOTAL DEPTH (LTD/RTD)	3184' (-1860)	3185' (-1861)	

REMARKS:

RAN 5&1/2" PRODUCTION CASING, SET @ 3180' KB, WITH 175 SX THIX MIX CEMENT;
FOR A COMPLETION IN THE SIMPSON SS. PULL DOWN @ 5:00PM ON 5-12-12



LS: cm-gy, dn- mx, sm sl dolomc; Chrt: cm-blu-gy, shrp; sm argil LS; Vpr Por-NVP; NS.

LS: tn-gy-wh, pred dn- mx, sm chiky, & Lithogr- Mdst; Vpr-NVP; NS.

SH: dk-lt-gn-gy; sm calc & Lmy; Trc Coal.

SH: lt-dk-gn-gy; sm calc & Lmy.

SH: AA; incrs gy-bk, sm marn-rd; & LS: gn-gy, dn- argil Mdst.

LS: (Abndt in 3056' drlg.spl.) tn-gy-wh, pred dn- Mdst- Lithogr, sm chiky; Vpr-NVP; NS.

LS: AA; sm argil-shly.

(KINDERHOOK) SH: gn-gy & Fr bk carb (Sl incrs SH in circ.spls @ 3056'; Abndt LS:AA)

SILTS-SH: dk-lt-gy, & gn-gy, micac, sm sndy, sm calc.

SH: gn-gy, bk, & sm bk carb.

SH: AA; shrp incrs bk subcarb to V.carb; sm pyrtc.

SH: gy-bn-bk, subcarb- carb w/ sm Odor; sm Phos; sm Vsl dolomc.

SH: gy-bk, gy-bn-bk, sm Vsl dolomc, sm Phos, sm pyrtc; Sl Odor.

SH: AA; incrs carb & pyrtc.

(SIMPSON SS)(3131'spls)<5% Sd Clust: gy-tn, Vfn-fnGr'd, Rnd-subanglr, well cmt'd, silty-shly; Vpr-pr Por; subsat FLR-STN, VSISFO. [3138'30min]>20% Sd Clust:Vfn-MdGr'd, well Rnd'd-anglr, well-pr sort'd; sm pyrtc; ~70% well cmt'd w/pr-Fr Por w/ subsat FLR-STN & Sl-FrSFO&GB; ~30% fribl-Gd Por- sat FLR-STN & GdSFO-GB; Sl-Gd Cut; Fry Strg Odor. [3148'30min]>50% Sd Clust:AA; ~20% Fribl- Fr-Gd Por; >90% w/ sat brt FLR & tn-O-STN, Fr-GdSFO-GB- Conds, Sl-Gd Cut, <5% w/ bk ddStn w/ sm SISFO-GB & Fr-Gd Cut, StrngOdr. [3150'30min]>80% Sd Clust:Vfn-fnGr'd, pr-Fr Por w/ sat brt FLR & rich tn-STN & Fr-GdSFO-GB- Conds; Fr-Gd Cut; <10% barren or prt barren; <5% ddStn; StrngOdr. [After DST#1]SS-Sd Clust:AA, pred Vfn-fnGr'd w/ Fr Por- sat FLR-STN-SFO-Cut; & SH: V.g't'd, gy, gn & mnr-rd [3170'spl- Bsl Sd] SS-Sd Clust:gy-wh-trnsl, Vfn-fnGr'd, well sort'd, pred well cmt'd. pr-Fr Por; <5% w/ SFO-FLR-STN-Cut, Sl Odor.

[3180'spl~50%ARB] DOLO: tn-gy-cm, mot. mx-fnXln, pred dn to pr Por w/ NS; NC.

[3185'drlg&circ.spls] DOLO: tn-gy-cm, mx-MdXln, Vrr CrsX's- 2nd ReX, pred dn to pr visbl Por; Vrr Fr Por: vug & IXP; NS; NC; Chrt: trnsl-bf-gy, blu-gy, sl wthr'd & shrp.

3049' (-1725)

KINDERHOOK SH

DST#1 Upr Simp.SS
3040'---3148'
30-30-30-30 min.
IF: Wk blow; dd in 10min
FF: No blow
Rec:15' Oil spk'd Mud
Tool spl:3%O; 97%M
IHP: 1515
IFP: 32-37
ISIP: 695
FFP: 38-43
FSIP: 689
FHP: 1502

Max.Temp:103 deg.F
Fud Mud Rpt; 5-10-12
@ 1:00 pm (DST#1)
Wt:9.3+ Vis:52 pv:32
yp:20 WL:6.8 pH:9.0
Cl:1200 LCM:2#

3128' (-1804)

Upr SIMPSON SS
(FrSFO&Gas Bubl's)

3141' (-1817)

Mid. SIMP. SS
{Fr-GdSFO&GB}

3162' (-1838)
BSL.SIMP.SS.

3166' (-1842)
ARBUCKLE

RTD:3185' (-1861)

DST#2 Mid. SIMP.SS
3138'---3150
30-30-60-60 min.



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 34660

LOCATION Eureka

FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT APT 15.015.23940

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-12-12	6942	Bowman #1	4	29S	3E	Butler
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Rango Oil Company Inc			485	Alon M		
MAILING ADDRESS			515	Collin		
125 N. Market Ste. 1120			637	Ed		
CITY		STATE	ZIP CODE			
Wichita		Ks	67202			

JOB TYPE Logstring HOLE SIZE 7 7/8 HOLE DEPTH 3185 CASING SIZE & WEIGHT 5 1/2 44"
 CASING DEPTH 3180 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 7'
 DISPLACEMENT 2250 bbls DISPLACEMENT PSI 800* Bump Plug 1300* RATE _____

REMARKS: Safety Meeting: Rg up to 3 1/2 casing Break circulation with 5 bbls Fresh water.
Mix 100# Metasilicate Pre Flush + 5 bbls waterspacer. Mix 175 sks Thick set cement @ 12.5"
Washout pump lines. Shut down. Release Latchdown plug Displace with 27 1/2 bbls
Fresh water. Final pumping pressure 800 * Bump plug 1300*. Wait 2 min. Release
Pressure Plug held. Good Circulation during Job.
Job Complete Rig down

Thank you

RECEIVED
MAY 17 2012

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	40	MILEAGE	4.00	160.00
1126A	175 sks	Thick Set Cement	19.20	3360.00
1110A	875 #	Kal Seal 5" ps/ik	.46	402.50
1111A	100*	Metasilicate Pre Flush	2.00	200.00
5407A	9.63 Ton	Ten Mikage Bulk Truck	1.34	516.17
5502C	6hr	80bbl Vacuum Truck	90.00	540.00
1123	3000 gallons	CITY WATER	16.50/1000	49.50
4130	4	5 1/2 x 7 7/8" Centralizers	48.00	192.00
4228B	1	5 1/2" AFU INSERT	172.00	172.00
4454	1	5 1/2" Latch Down Plug	254.00	254.00
			Sub Total	6876.17
			SALES TAX 6.55%	303.27
			ESTIMATED TOTAL	7179.44

Revin 3737

049193

AUTHORIZATION Bony L Road

TITLE X

DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

COPY ENTERED

TICKET NUMBER 34615
LOCATION EUREKA
FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-015-23940

KS

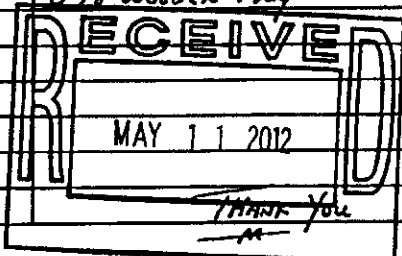
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-4-12	6942	Bowman #1	4	29S	3E	Butler
CUSTOMER Range Oil Company, Inc.			Summit Drig. Co.			
MAILING ADDRESS 125 N. MARKET Stc 1120						
CITY Wichita	STATE KS	ZIP CODE 67202				
TRUCK # DRIVER TRUCK # DRIVER						
			445 Dave G.			
			611 Joey K.			

JOB TYPE SURFACE HOLE SIZE 12 1/4" HOLE DEPTH 232' KB CASING SIZE & WEIGHT 8 5/8 23" New
CASING DEPTH 209' G.L. DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 15" SLURRY VOL 29 BBL WATER gal/sk 6.5 CEMENT LEFT In CASING 20'
DISPLACEMENT 13 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. BREAK Circulation, mixed 120 SKS class "A" Cement w/ 3% CACL2, 2% GEL 1/2" floccle /sk @ 15"/gal. Shut down. Release Plug. Displace w/ 13 BBL Fresh water. Shut casing in. Good Cement Returns to Surface = 3 BBL Slurry to Pit. Job Complete. Rig down.

Note: Drilling Rig Lost Circulation @ 74' while drilling surface hole. Ran Cement Basket @ 60' Below G.L.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	40	MILEAGE	4.00	160.00
11045	120 SKS	CLASS "A" Cement	14.95	1794.00
1102	340 #	CACL2 3%	.74	251.60
1118 B	225 #	GEL 2%	.21	47.25
1107	62 #	Floccle 1/2" /sk	2.35	145.70
5407	Tax	Tax Mileage Bulk Delv.	M/c	350.00
4106	1	8 5/8 Cement Basket	320.00	320.00
4132	2	8 5/8 Centralizers	69.00	138.00
4432	1	8 5/8 wooden Plug	80.00	80.00
			Sub Total	4111.55
			SALES TAX 6.55%	181.86
			ESTIMATED TOTAL	4293.41



Ravin 3737

AUTHORIZATION [Signature] TITLE Summit Drig Toolpusher DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form