

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1240654  
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: \_\_\_\_\_

1240654

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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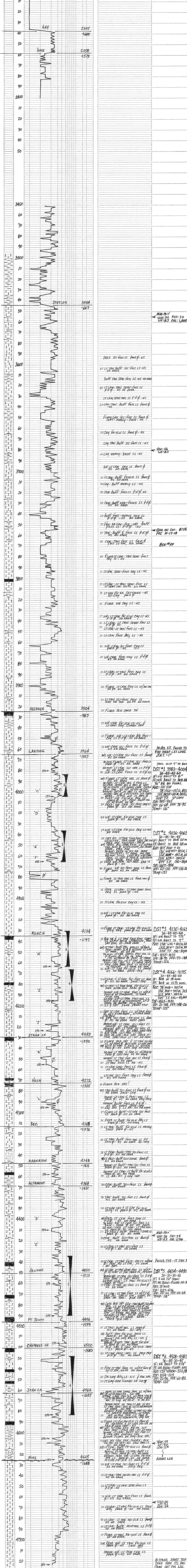




**OPERATOR:** KITCHIE EXPLOSION INC.  
**LEASE:** #1 HISSMAN 20A  
**FIELD:** MICHELAN NORTH  
**SECTION:** JTB 641 & 710 FEL = E1/2 NE/4  
**LOC:** 20 TYP = 16 ROC = 31W  
**COUNTY:** SCOTT STATE KS.  
**CONTRACT NO.:** 100 DRILLING LTD. RIG # 2  
**DATE:** 10-4-73  
**LOGGED BY:** M.J. COOK  
**DATE:** 10-11-73  
**WELL NO.:** 4173  
**WELL DEPTH:** 4725'  
**STRENGTHS:** 416 & 470'  
**DRILLING TIME:** 3450 - TO RTD  
**STRENGTHS:** 3600 - TO RTD  
**PERIODICAL SUPERVISION FROM:** 3755 - TO RTD  
**LOG UP TO:** 3997 TOE TO = CHEMICAL  
**API #:** 15-171 - 21100-00-00

DATE	TIME	DEPTH	THICK	START	END	REMARKS
10-4	10:00	2370				
10-5	10:05	2380				
10-6	10:10	2390				
10-7	10:15	2400				
10-8	10:20	2410				
10-9	10:25	2420				
10-10	10:30	2430				
10-11	10:35	2440				
10-12	10:40	2450				
10-13	10:45	2460				
10-14	10:50	2470				

**LEGEND:** Anhydrite, Sandstone, Shale, Carb sh, Limestone, Dol. Limestone, Chert, Dolomite



**STRENGTHS:** 416 & 470'  
**WELL LOG SERVICES:** DUAL GROUP FABRICATION  
**DRILLING TIME AND SAMPLE LOGS**  
**REMARKS:** IT WAS RECOMMENDED TO RUN AN ANOMALOUS TO PRODUCE THE LITHOLOGIC SO ZONE AS A RESULT OF STRUCTURAL EVIDENCE, DST # 1 RECOVERY, (30' LC # 334) M.W.E. ENGELBRECHT  
**MUD BY:** MUD-50  
**DATE:** 20-16-31-WV OIL WELL  
**WELL NO.:** 4173  
**DEPTH:** 4725'  
**BTD = 4723'**  
**TD = 4725'**





### #1 Huseman 20A

1175' FNL & 770' FEL

145' N & 110' W of E/2 NE Section 20-16S-31W

Scott County, Kansas

API# 15-171-21100-0000

Elevation: GL: 2932', KB: 2937'

Sample Tops			Ref. Well
Anhydrite	2337'	+600	-1
B/Anhydrite	2357'	+580	Flat
Stotler	3544'	-607	+3
Heebner	3925'	-988	+6
Lansing	3962'	-1025	+8
Muncie Shale	4132'	-1195	+7
Stark Shale	4228'	-1291	+8
Hush	4266'	-1329	+9
BKC	4310'	-1373	+8
Marmaton	4346'	-1409	+7
Altamont	4370'	-1433	+9
Pawnee	4443'	-1506	+10
Myrick	4475'	-1538	+8
Fort Scott	4490'	-1553	+9
Cherokee Shale	4516'	-1579	+7
Johnson	4553'	-1616	+9
B/Johnson	4580'	-1643	+6
Morrow	4586'	-1649	+3
Mississippian	4612'	-1675	+3
RTD	4723'	-1786	

# ALLIED OIL & GAS SERVICES, LLC 064270

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Oakley

DATE <u>10-14-14</u>	SEC. <u>20</u>	TWP. <u>16</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Museman 20A</u>	WELL # <u>1</u>	LOCATION <u>83+4 sec E 70 T205 R4</u>		COUNTY <u>Scott</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>		Circled one					
		<u>4N WINTO</u>					

CONTRACTOR WITW 2  
 TYPE OF JOB surface  
 HOLE SIZE 12 1/4 T.D. 222'  
 CASING SIZE 8 5/8 DEPTH 222'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 13.18 bbl

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 16.5 sls com 8% cc  
269 gal

EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew Forstund  
 # 431 HELPER Brandon Wilkins  
 BULK TRUCK  
 # 890 DRIVER Wayne Messalle  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 16.5 sls @ 17.90 2953.50  
 POZMIX @ \_\_\_\_\_  
 GEL 310 # @ .50 155.00  
 CHLORIDE 465 # @ 1.10 511.50  
 ASC @ \_\_\_\_\_  
 Material @ total @ \_\_\_\_\_ 3620.00  
 (124.00 / 20%)  
 HANDLING 178.42 cwt @ 2.48 442.48  
 MILEAGE 2.25 hr/mile 8.14 hr 1002.32

REMARKS:

Cement did circulate  
thank you

CHARGE TO: Ritchie Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_  
 SERVICE  
 DEPTH OF JOB 222'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1512.25  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 45 miles @ 7.00 315.00  
 MANIFOLD @ \_\_\_\_\_  
light vehicle @ 4.40 198.00  
 (701.31 / 20%) TOTAL 3,506.05

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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 Loraine Lang  
 SIGNATURE Loraine Lang

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 7,126.55  
 DISCOUNT 1,425.31 (20%) IF PAID IN 30 DAYS  
5,701.24 Net.



**CONSOLIDATED**  
Oil Well Services, LLC

2/12/29

Huseman  
20#1

TICKET NUMBER 46701  
LOCATION Oakley Ks  
FOREMAN Jerry Y  
Walt

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-28-14	7173	Huseman 20 A #1	20	16S	31W	Scott	
CUSTOMER		4483jet E to Taus		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		4N Winto		399	Cory D		
CITY		STATE	ZIP CODE	5287129	Rob S		

JOB TYPE Port Collar HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT 4 1/2 10.5 #  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER P.C. @ 22.76  
 SLURRY WEIGHT 12.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 8 bbl DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting a rig upon K&M press tool closed to 1500# psi held open tool obtain circulation mix 300 sks 60/40 6% gel 1/4 # Flo seal per sk with 500 # cottonseed hulls wash up & displace with 8 bbl fresh water & shut down, close tool & press to 1500# held released back run 5 jts in reverse with 20 bbl circulated 8 bbl to pit

Cement did circulate. (RA)  
Thanks  
Jerry & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401b	1	PUMP CHARGE	1785 <sup>00</sup>	1785 <sup>00</sup> ✓
5406	40	MILEAGE	5 <sup>25</sup>	210 <sup>00</sup> ✓
5407A	137	ten mileage delivery	1 <sup>75</sup>	910 <sup>00</sup> ✓
1131	300 sks	60/40 poz mix	15 <sup>86</sup>	4758 <sup>00</sup> ✓
1186	1548 #	gel	27	41796 ✓
1107	75 #	Flo seal	292	22275 ✓
1105	500 #	cottonseed hulls	56	280 <sup>00</sup> ✓
			subtotal	8583.21 ✓
			less 10% disc	8583.21 ✓
			subtotal	7725.39 ✓
			SALES TAX	416.53 ✓
			ESTIMATED TOTAL	8141.87 ✓

AUTHORIZATION Guy Row TITLE \_\_\_\_\_ 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.

R



**CONSOLIDATED**  
Oil Well Services, LLC

272044

TICKET NUMBER 46699  
LOCATION Oakley Ks  
FOREMAN Jerry V Walt

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

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-29-14	7173	Huseman 20 A #1	20	165	31W	Scott	
CUSTOMER		4-83 1/2 ft 5 to 7000 4 miles Winto		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		Richie Exp		731	Jeremy R		
CITY		STATE	ZIP CODE	693	Lance R		

JOB TYPE long string HOLE SIZE 7 7/8 HOLE DEPTH 4723 CASING SIZE & WEIGHT 4 1/2 10.5  
CASING DEPTH 4709 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PC on 58 @ 2276  
SLURRY WEIGHT 142 SLURRY VOL 1.42 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 21'  
DISPLACEMENT 74 1/2 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting & rig upon wellhead and port receipt turbolizers on 1, 3, 7, 10, 13, 18, 57, 59, 72 baskets on 16, 58, 71 Port Collar on 58 @ 2276 running to bottom pump ball thru well control 1 hr pump 5bb/160 500gal mud flush, 5bb/1 spacer mix 20 sks mh, 30 sks Pk mix 22.5 sks OWC. shut down release plug, wash pump lines and displace with 474 bbl N<sub>2</sub>O @ 1000#, Land Seal Plug 2 1500#, release Pressure Float Hold

Thank You  
Jerry + crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401c	1	PUMP CHARGE	3175 <sup>00</sup>	3175 <sup>00</sup>
5406	40	MILEAGE	5 <sup>00</sup>	210 <sup>00</sup>
5407	12.9	for mileage delay	175	905 <sup>00</sup>
1126	27.5 sk	OWC	23 <sup>70</sup>	6517 <sup>50</sup>
110A	1375 #	Kalsol	5 <sup>00</sup>	770 <sup>00</sup>
1141a	500 gal	Mud flush	100	500 <sup>00</sup>
4156	1	4 1/2 P41 float shoe	301 <sup>50</sup>	301 <sup>50</sup>
4139	9	4 1/2 turbolizers	60 <sup>00</sup>	540 <sup>00</sup>
4103	3	4 1/2 baskets	275 <sup>00</sup>	825 <sup>00</sup>
4453	1	4 1/2 latch down Assy	290 <sup>00</sup>	290 <sup>00</sup>
4284	1	4 1/2 Port Collar SN 1310239	1984 <sup>50</sup>	1984 <sup>50</sup>
			Sub total	16016 <sup>50</sup>
			less 10% disc.	1601 <sup>65</sup>
			546 to 1	14,414 <sup>85</sup>
			SALES TAX	810.30
			ESTIMATED TOTAL	15215.15

Rev'n 3737

AUTHORIZATION Gary Row TITLE \_\_\_\_\_ 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.

87