

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACD-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15- 171204640000

ORIGINAL

County Scott

N/1/2 NW-NE - Sec. 22 Twp. 19S Rge. 34W WW H

4950 Feet from S/A (circle one) Line of Section

1980 Feet from E/W (circle one) Line of Section

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

Lease Name Farr Well # 2

Field Name Unknown

Producing Formation Marrow Sand

Elevation: Ground 3067 KB \_\_\_\_\_

Total Depth 4945 PBTD none

Amount of Surface Pipe Set and Cemented at 206 Feet

Multiple-Stage-Cementing Collar Used? X Yes \_\_\_\_\_ No \_\_\_\_\_

If yes, show depth set 2277 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan OKA 5-14-96  
(Data must be collected from the Reserve Pit) LV

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Operator: License # 30782

Name: J W Oil Co/ Jim Farr

Address 209 Antelope

City/State/Zip Scott City, Ks. 67871

Purchaser: \_\_\_\_\_

Operator Contact Person: Marvin Farr

Phone ( 316 ) 872-3951

Work 316 872-2185

Contractor: Name: Emphasis Oil Operation

License: 08241

Wellsite Geologist: Clifton K. Ottaway

Designate Type of Completion  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW  
 Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

5-7-94 5-15-94 7-5-94  
Spud Date Date Reached TD Completion Date

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 on 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.

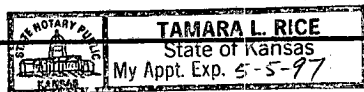
Signature James L. Rice

Title Owner Date 5-18-95

Subscribed and sworn to before me this 18 day of May, 19 95.

Notary Public Tamara L. Rice

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other (Specify)

Form ACD-1 (7-91)  
RECEIVED  
MAY 22 1995  
KANSAS CORPORATION COMMISSION  
WICHITA, KANSAS

Operator Name W. O. Hill

Lease Name Farr

Well # 2

Sec. 22 Twp. 19S Rge. 34

East

County Scott

West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy.)

List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	3943	-876
Lansing Kansas City	3989	-922
Base Kansas City	4424	-1357
Marmaton	4454	-1387
Cherokee Shale	4580	-1513
Marrow Shale	4751	-1684
Marrow Sand	4775	-1708
Mississippi	4815	-1748
RTD	4945	-1878
LTD	4945	-1878

CASING RECORD

New  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 (New)	12 1/2	85/8		206		150	
Production	7 7/8	5 1/2	15.5	4943	ASC	200	

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 (Amount and Kind of Material Used)	Depth
1	4033		
1	4301		
1	4414	7.5% HCL 750 gal 3 gal NP36	4400
24	4775-4781		
16	4805-4809	7.5% HCL 500 gal NP36 - AZCL33	
TUBING RECORD	Size <u>4854-4860</u> Set At _____ Packer At _____	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Date of First, Resumed Production, SWD or Inj.	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 Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-1B.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Conningled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_

# TRILOBITE TESTING, L.L.C. ORIGINAL

P.O. Box 362 • Hays, Kansas 67601

## Drill-Stem Test Data API #15-171-20464-00-00

Well Name FARR #2 Test No. 1 Date 5/14/94  
Company J.W. OIL CO / JIM FARR Zone LANS-MARMATO  
Address 209 ANTELOPE SCOTT CITY KS 67871 Elevation 3067 KB  
Co. Rep./Geo. CLIFF OTTOWAY Cont. EMPHASIS OIL OPER #7 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 22 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4405-4500 Drill Pipe Size 4.5" XH  
Anchor Length 95 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4400 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 4405 Mud Wt. 9.1 lb/Gal.  
Total Depth 4500 Viscosity 43 Filtrate 8.8

Tool Open @ 5:06 AM Initial Blow FAIR BLOW-1 TO 9" IN WATER

Final Blow WEAK TO FAIR BLOW - 1 TO 6"

Recovery - Total Feet 220 Flush Tool? NO

Rec. 10 Feet of CLEAN OIL  
Rec. 210 Feet of SLTLY OIL CUT WTR- 1% OIL/95% WTR/4% MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 119 °F Gravity \_\_\_\_\_ °API @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides 24000 ppm Recovery Chlorides 9000 ppm System

(A) Initial Hydrostatic Mud 2207.9 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 66.3 PSI @ (depth) 4497 w / Clock No. 22993

(C) First Final Flow Pressure 106.1 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 1048.3 PSI @ (depth) 4492 w / Clock No. 30410

(E) Second Initial Flow Pressure 120.9 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

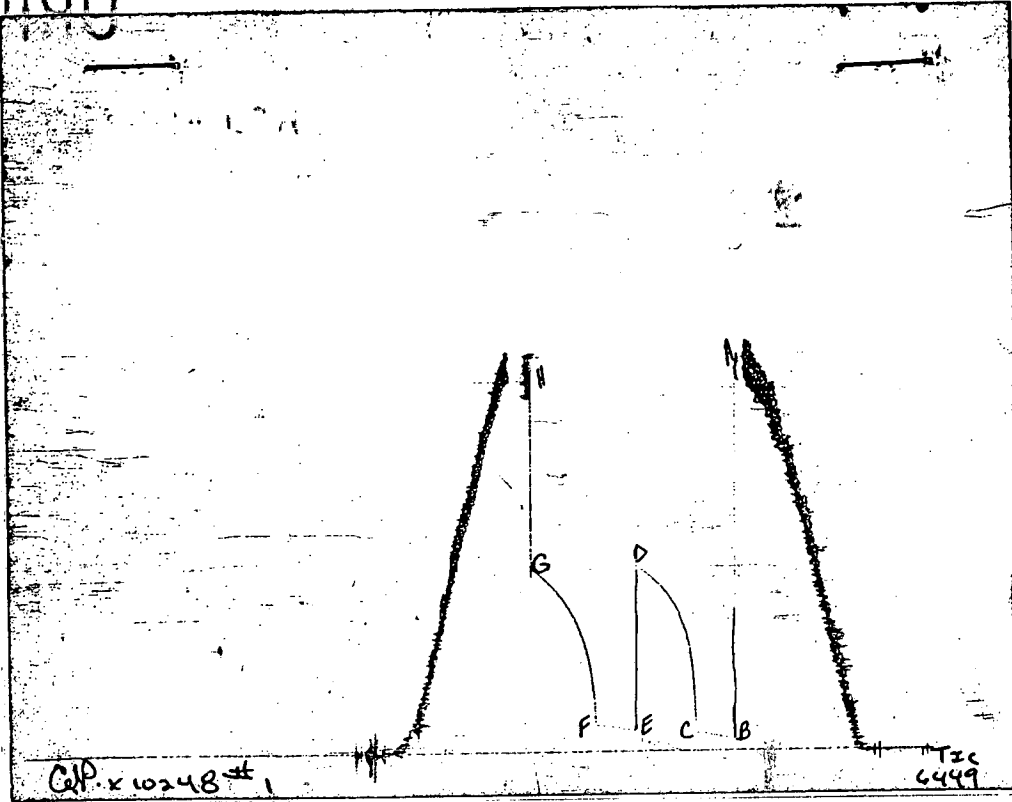
(F) Second Final Flow Pressure 152.6 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 1035.2 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2205.7 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative GARY PEVOTEAUX

ORIGINAL



This is an actual photograph of recorder chart #10248

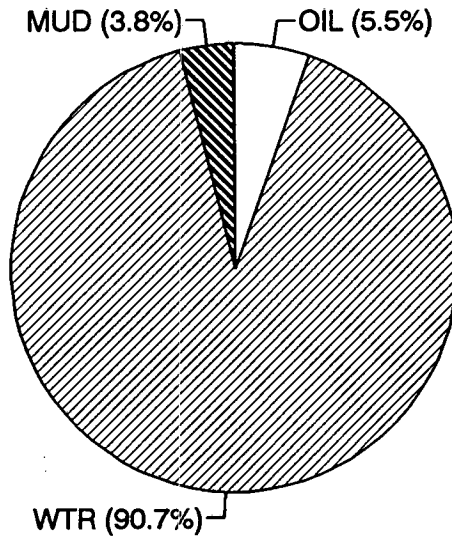
	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2179	2207.9
(B) FIRST INITIAL FLOW PRESSURE	69	66.3
(C) FIRST FINAL FLOW PRESSURE	105	106.1
(D) INITIAL CLOSED-IN PRESSURE	1056	1048.3
(E) SECOND INITIAL FLOW PRESSURE	114	120.9
(F) SECOND FINAL FLOW PRESSURE	150	152.6
(G) FINAL CLOSED-IN PRESSURE	1036	1035.2
(H) FINAL HYDROSTATIC MUD	2107	2205.7

15-171-20464-00-00

ORIGINAL

DST #	CALCULATED RECOVERY ANALYSIS					DRILL	PIPE		
	1	TICKET				6449			
SAMPLE #	TOTAL FEET	GAS %	OIL FEET	OIL %	WATER FEET	WATER %	MUD %	FEET	FEET
1	10	0	0	100	10	0	0	0	0
2	210	0	0	1	2.1	95	4	199.5	8.4
3			0		0			0	0
4			0		0			0	0
5			0		0			0	0
6			0		0			0	0
TOTAL	220	0	0	5.5	12.1	90.681818	3.82	199.5	8.4

			HRS	BBL/DAY
BBL OIL=	0.172062	*	1	4.1295
BBL WATER=	2.83689	*		68.085
BBL MUD=	0.119448			
BBL GAS	0			



# TRILOBITE TESTING, L.L.C.

P.O. Box 362 • Hays, Kansas 67601

# ORIGINAL

## Drill-Stem Test Data

Well Name FARR #2 Test No. 2 Date 5/15/94  
Company J.W. OIL CO / JIM FARR Zone MORROW  
Address 209 ANTELOPE SCOTT CITY KS 67871 Elevation 3067 KB  
Co. Rep./Geo. CLIFF OTTOWAY Cont. EMPHASIS OIL OPER #7 Est. Ft. of Pay \_\_\_\_\_  
Location: Sec. 22 Twp. 19S Rge. 34W Co. SCOTT State KS

Interval Tested 4745-4789 Drill Pipe Size 4.5" XH  
Anchor Length 44 Wt. Pipe I.D. - 2.7 Ft. Run \_\_\_\_\_  
Top Packer Depth 4740 Drill Collar - 2.25 Ft. Run \_\_\_\_\_  
Bottom Packer Depth 4745 Mud Wt. 9 lb/Gal.  
Total Depth 4789 Viscosity 45 Filtrate 9.2

Tool Open @ 6:20 PM Initial Blow STRONG BLOW-BOTTOM OF BUCKET IN 8 MINUTES

Final Blow FAIR TO STRONG BLOW-BOTTOM OF BUCKET IN 17.5 MINUTES

Recovery - Total Feet 335 Flush Tool? NO

Rec. 340 Feet of GAS IN PIPE  
Rec. 25 Feet of CLEAN OIL- 5% GAS/ 95% OIL  
Rec. 248 Feet of GSY MUD CUT OIL- 22% GAS/45%OIL/33%MUD  
Rec. 62 Feet of OIL CUT MUDDY WTR- 15% OIL/70% WTR/15% MUD  
Rec. \_\_\_\_\_ Feet of \_\_\_\_\_

BHT 126 °F Gravity 29 °API @ 73 °F Corrected Gravity 28 °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides 65000 ppm Recovery Chlorides 9000 ppm System

(A) Initial Hydrostatic Mud 2366.5 PSI AK1 Recorder No. 13788 Range 4650

(B) First Initial Flow Pressure 72.1 PSI @ (depth) 4786 w / Clock No. 22993

(C) First Final Flow Pressure 108.4 PSI AK1 Recorder No. 10248 Range 4400

(D) Initial Shut-in Pressure 242.8 PSI @ (depth) 4781 w / Clock No. 30410

(E) Second Initial Flow Pressure 142.4 PSI AK1 Recorder No. \_\_\_\_\_ Range \_\_\_\_\_

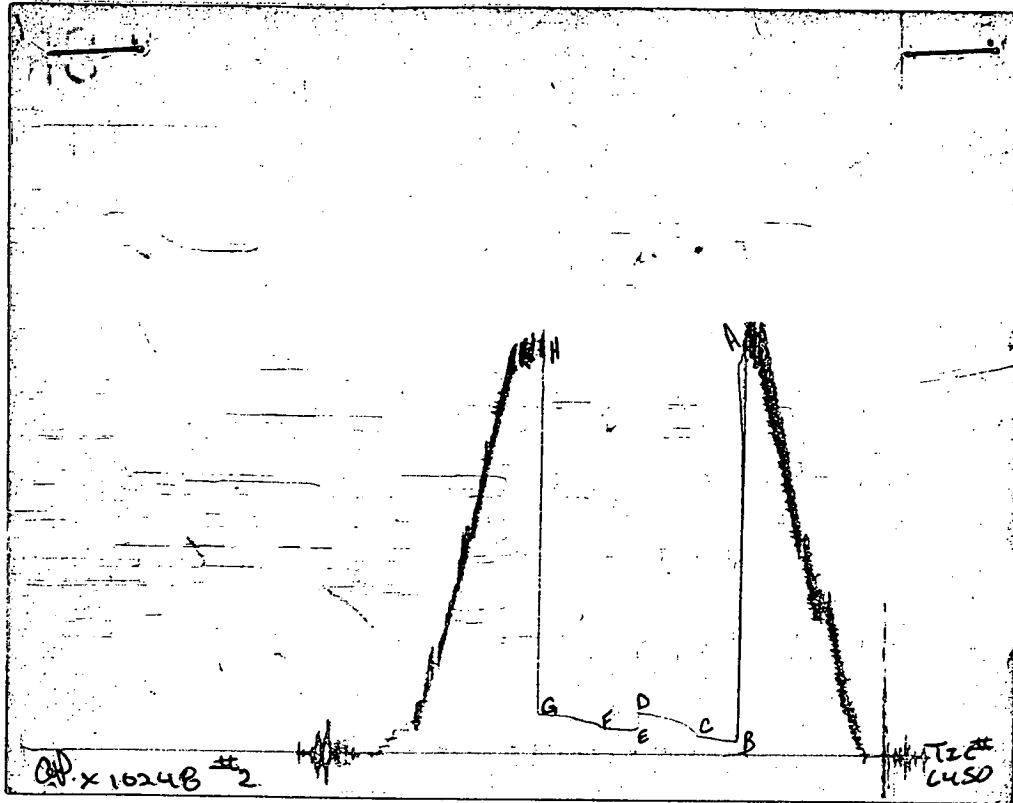
(F) Second Final Flow Pressure 166.1 PSI @ (depth) \_\_\_\_\_ w / Clock No. \_\_\_\_\_

(G) Final Shut-in Pressure 236.1 PSI Initial Opening 30 Final Flow 30

(H) Final Hydrostatic Mud 2324.6 PSI Initial Shut-in 45 Final Shut-in 45

Our Representative GARY PEVOTEAUX

CHART PAGE



This is an actual photograph of recorder chart #10248

	FIELD READING	OFFICE READING
(A) INITIAL HYDROSTATIC MUD	2326	2366.5
(B) FIRST INITIAL FLOW PRESSURE	57	72.1
(C) FIRST FINAL FLOW PRESSURE	98	108.4
(D) INITIAL CLOSED-IN PRESSURE	229	242.8
(E) SECOND INITIAL FLOW PRESSURE	132	142.4
(F) SECOND FINAL FLOW PRESSURE	148	166.1
(G) FINAL CLOSED-IN PRESSURE	225	236.1
(H) FINAL HYDROSTATIC MUD	2304	2324.6

DST #	CALCULATED RECOVERY ANALYSIS					DRILL	PIPE	
	2	TICKET					6450	
SAMPLE #	TOTAL FEET	GAS %	OIL FEET	OIL %	WATER FEET	WATER %	MUD FEET	MUD %
1	25	5	1.25	95	23.75	0	0	0
2	248	22	54.56	45	111.6	0	0	33
3	62	0	0	15	9.3	70	43.4	15
4			0		0		0	0
5			0		0		0	0
6			0		0		0	0
TOTAL	335	16.659701	55.81	43.2	144.65	12.955224	43.4	27.2

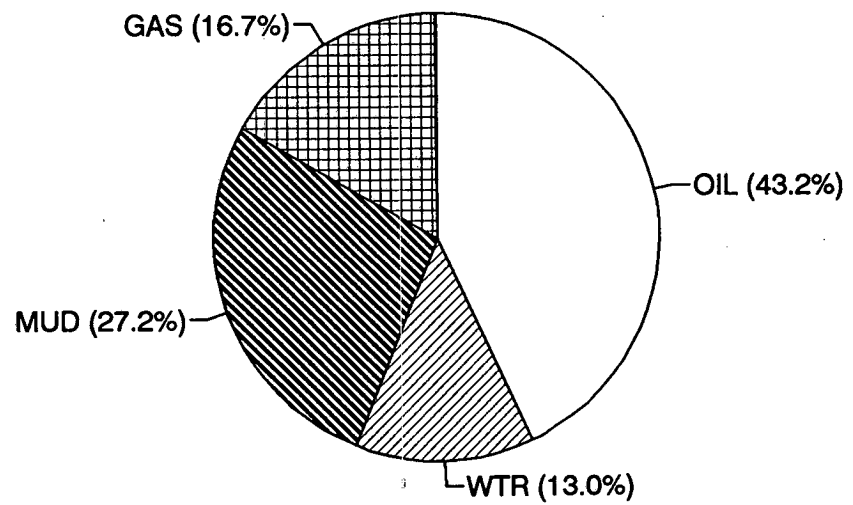
HRS BBL/DAY

BBL OIL= 2.056923 \* 1 49.366

BBL WATER= 0.617148 \* 14.812

BBL MUD= 1.2960108

BBL GAS 0.7936182







PRESSURE 10 9 8 7 6 5 4 3 2 1 0

SHUT DOWN  
11:00 AM

**serco**

PRESSURE 10 9 8 7 6 5 4 3 2 1 0

LOAD

START FLOW

START 500 GAL 7yr 90 TREATED  
Ac 17

TEST LINE

11:55

PART NO. S-10K

0 - 10,000 PSI SCALE

PRESSURE 10 9 8 7 6 5 4 3 2 1 0

FLOW RATE 10 9 8 7 6 5 4 3 2 1 0

FLOW RATE 10 9 8 7 6 5 4 3 2 1 0

FLOW RATE 10 9 8 7 6 5 4 3 2 1 0

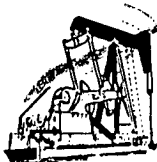
0 - 10 GPM SCALE

STATE OF TEXAS  
STATE DEPARTMENT OF AGRICULTURE  
AND FORESTRY  
LABORATORY  
1100 NORTH BRASS  
FORT WORTH, TEXAS 76102

STATE OF TEXAS  
STATE DEPARTMENT OF AGRICULTURE  
AND FORESTRY  
LABORATORY  
1100 NORTH BRASS  
FORT WORTH, TEXAS 76102



P.O. Box 506  
Russell, Kansas 67665



**"Emphasis"**

OIL OPERATIONS

Shop Phone 913/483-3012  
Home Phone 913/625-5183

Pipe and Tubing Tally Book



**ORIGINAL**

DATE 5-16-94 COMPANY JW OIL CO. LEASE Farr Well No. 2  
 SIZE 5 1/2 WEIGHT 15 1/2 # MAKE \_\_\_\_\_ GRADE LTC RANGE 2  
 THREAD 8RD COLLAR LENGTH \_\_\_\_\_ CONDITION \_\_\_\_\_ TRANSFER NOS. \_\_\_\_\_ OVERALL TALLY \_\_\_\_\_  
 THREADS OFF TALLY \_\_\_\_\_

Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.	Joint No.	Feet	Hndrts.
1	33	51	21	30	96	41	32	50	61	32	41	81	29	95	101	32	31	121	30	04
2	29	31	22	31	88	42	32	34	62	30	90	82	30	01	102	33	78	122	32	31
3	31	65	23	33	58	43	32	28	63	31	81	83	30	00	103	33	80	123	30	83
4	32	70	24	30	91	44	32	00	64	31	58	84	32	25	104	30	53	124	32	38
5	30	40	25	31	63	45	33	03	65	29	88	85	30	33	105	34	31	125	31	74
6	31	95	26	31	34	46	32	70	66	30	05	86	31	20	106	30	80	126	32	74
7	25	48	27	29	48	47	32	35	67	31	61	87	33	60	107	32	69	127	30	06
8	31	56	28	32	05	48	33	13	68	32	50	88	32	55	108	29	13	128	32	27
9	32	82	29	32	40	49	32	84	69	31	35	89	30	85	109	31	75	129	32	36
10	29	86	30	30	28	50	33	61	70	32	25	90	33	08	110	31	90	130	30	42
11	30	63	31	32	80	51	33	10	71	26	06	91	31	33	111	31	58	131	31	71
12	32	26	32	31	88	52	25	40	72	33	15	92	32	55	112	31	68	132	29	46
13	31	98	33	31	63	53	32	95	73	33	28	93	31	28	113	32	38	133	30	55
14	27	18	34	32	65	54	33	36	74	32	21	94	33	28	114	30	70	134	32	28
15	29	13	35	30	10	55	32	78	75	31	10	95	33	37	115	30	88	135	31	33
16	32	26	36	31	34	56	33	35	76	27	38	96	33	35	116	23	68	136	30	11
17	33	62	37	31	80	57	31	75	77	26	10	97	31	53	117	30	03	137	32	11
18	30	34	38	31	55	58	31	36	78	27	45	98	32	90	118	32	10	138	31	26
19	31	23	39	33	43	59	31	83	79	32	98	99	31	50	119	32	14	139	29	30
20	31	25	40	31	45	60	33	04	80	30	68	100	32	98	120	32	61	140	31	77
	619	12		633	14		645	70		615	03		634	89		639	78		625	03
Totals																				

Drillers TD 4945 Loggers TD 4945  
 No. Jts. Run 156 Size 5 1/2 Wt. 15 1/2 # Tested 4400  
 Cent @ \*1(4910) \*3(4849) \*7(4720) \*9(4664) \*24(2308)  
 Basket @ #85 (Tube @ 2308) D.V. Tool @ \_\_\_\_\_ MAY 16 1994  
 Cemented By Allied SKs. Type Cement 100SKS ASC  
 Flush 500 Gal Mud Flush  
 Jts. To Be Left Out #152 #153 #156  
 Shoe Jt. 33.51 Pipe Set @ 4943 Off Bottom 1/2'  
 Plug Down 1145 [A.M.] P.M. 51171941 Rig Release @ 12:15 A.M. [P.M.] 51171941  
 Job By Alm  
 Pipe Left On Location 3 Jts. Talley 86.10 Threads On \_\_\_\_\_



# CEMENTING LOG

STAGE NO.

Date 6/14/94 District \_\_\_\_\_ Ticket No. 6168  
 Company JTW O.I. Rig \_\_\_\_\_  
 Lease Ferr Well No. 2  
 County Scott State Kr.  
 Location Mudas ±E65 ±E Field \_\_\_\_\_

CEMENT DATA: **ORIGINAL**  
 Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type \_\_\_\_\_ Weight 15.5 Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60/42 6 3/8 Gal  
 Amt. 500 Sks Yield 153 ft<sup>3</sup>/sk Density 13.3 PPG \_\_\_\_\_  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls. \_\_\_\_\_

Casing Depths: Top GL Bottom 484.3

Pump Trucks Used 224  
 Bulk Equip. \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. 42.01  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: 7 1/2 Bbls/Lin. ft. 0.0796 Lin. ft./Bbl. 201.72  
 Annulus: Bbls/Lin. ft. 0.158 Lin. ft./Bbl. 6.34  
 Perforations: From 4775 ft. to 4781 ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars Baker PC 2270 RBP 3900  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type H<sub>2</sub>O Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Best Plaster

CEMENTER Steve J. Hensley

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbls Min.
09:30		<u>763</u>					On location
10:10		<u>2000</u>		<u>27</u>			Test BP
10:15							Arrange to land hole
10:25							Wait on water
10:45							Hole loaded, No leaks
11:00							Move BP to 4700' Respec to 3900'
11:30		<u>2000</u>	<u>500</u>				No leaks
12:30				<u>20</u>			Sent sand order, cannot find pipe collars
4 PM							Released till 8 AM 6-15-94
6/15 09:05				<u>40</u>			Circulate sand of RBP.
09:30							Finished

RECEIVED  
 STATE CORPORATION COMMISSION  
 MAY 02 1995  
 CONSUMER PROTECTION DIVISION  
 WICHITA, KANSAS



HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
570484	05/29/1995

WELL/LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER
	SCOTT	KS	ZANI
SERVICE LOCATION	CONTRACTOR	JOB/PURPOSE	TICKET DATE
	POST-MOVED	ACIDIZE FORMATION	05/29/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
	LOUIS FARR		
			SHIPPED VIA
			COMPANY TRUCK
FILE NO.			

ADD BY DR# 6449

\$1,817.26

DIRECT CORRESPONDENCE TO:

J.W. OIL COMPANY  
207 ANTELOPE  
SCOTT CITY, KS 67871

OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2000  
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
490-111	RELEASE FOR STIMULATION UOHP	100	NI	2.25	225.00
		1	UNIT		
490-028	PUMPING SERVICE FIRST 1/4 SEC	500	PSI	670.00	335,000.00
		1	PMP		
490-009	HCL ACID	7 1/2	%	1.39	10.425
201-003		500	GAL		
490-001		1	GAL	26.50	26.50
INVOICE SUBTOTAL					335,061.925
* KANSAS STATE SALES TAX					46.11
* SCOTT COUNTY SALES TAX					0.23
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,817.26

RECEIVED  
STATE CORPORATION COMMISSION

MAY 02 1995

CONSERVATION DIVISION  
WICHITA, KANSAS

12

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

\*\*\* CASH JOB \*\*\*



**JOB LOG** FORM 2013 R-4

DATE: 6-24-94 PAGE NO.

CUSTOMER: JH OIL WELL NO: 2 LEASE: FARM JOB TYPE: STIP. TICKET NO: 590484

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								SCOTT KS
	7:00							BFO ON LOC ORIGINAL
	8:00							ON LOC
								SATUR. MEET
								START ACID
			14					FINISH ACID
			26					START FLUSH
		.2				2100		HOLE LOAD
		1	29					BREAK DOWN
		1.2	31			1250		FINISH FLUSH
		1.2	32			1100		" "
		1.2	33			1000		" "
		1.2	34			950		" "
		1.2	35			600		" "
		1.2	36			0		" "
		1.2	39			0		FINISH FLUSH
	11:00					0		FSIP

Field No. **21102**



**SERVICE FRACTURING COMPANY**  
 P. O. BOX 1741  
 PAMPA, TEXAS 79066-1741

**ACKNOWLEDGMENT**

Subject To Correction

INVOICE NO. \_\_\_\_\_

CHARGE	J. W. Oil	Date <b>7/1/74</b>	Lease <b>Farr</b>	Well # <b>2</b>
	209 Antelope	Station <b>Liberal</b>	County <b>Scott</b>	State <b>Ks</b>
	Scott City, Kansas	Depth <b>7420</b>	Formation <b>Landing</b>	Legal Description <b>Sec 22-17-34w</b>
	<b>67871</b>	Casing <b>5.5</b>	Casing Depth	TD

**SERVICE ORDER**

IMPORTANT: SEE OTHER SIDE FOR TERMS AND CONDITIONS I HAVE READ, UNDERSTOOD AND AGREED TO THE TERMS AND CONDITIONS PRINTED ON THE REVERSE SIDE HEREOF AND REPRESENT THAT I HAVE FULL AUTHORITY TO ACCEPT SAME AND SIGN THIS ORDER.

Customer Order # \_\_\_\_\_ Treater **JACK REUST**

Materials Received by **X**

Reference Number	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
218650	750	GALS. <b>7 1/2% HCL</b> ACID				
		GALS. ACID				
437.030	3	GALS. <b>NP-36</b> <del>ACID</del>				
222.020	1	GALS. <b>A2</b> INHIBITOR				
440.210	4	LBS. <b>CL-57</b> KCL				
436.340	3	GALS. <b>W-134</b> SURFACTANT				
440.010	3	GALS. <b>CL-33</b> ADDITIVE				
		BALL SEALERS				
		LBS. GEL				
		LBS. SAND				
		LBS. SAND				
		LBS. PUMP CHARGE				
205010	1	<b>TC 500</b> PRESSURE ACID PUMP				
		BALL INJECTOR				
		HHP				
		BPM BLENDER				
201010	2	UNITS <b>50</b> MILES				
		TONS MILES SAND				
		<b>Agree bid Price</b>				

QUOTED PRICE DOES NOT INCLUDE APPLICABLE TAXES OR SURCHARGES



## TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Service Fracturing Company's current Price Schedule, and the performance of services and supplying of materials, customer agrees to the following terms and conditions:

Terms net. No cash discount. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable at either P. O. Box 1741, Pampa, Texas 79065 or P. O. Box 826, Drumright, OK. 74030 depending on which is the invoice origination point. Invoices payable by the 20th of the following month after the date of invoice. Charges subjected to interest after 60 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees to pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's, or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

## SERVICE CONDITIONS

**"The customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."**

- (a) Serfco shall not be responsible for, and customer shall secure Serfco against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of Serfco, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure Serfco against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Serfco.
- (c) Customer shall be responsible for and secure Serfco against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Serfco hereunder.

- (d) Customer shall be responsible for and secure Serfco against any liability for injury to or death of persons, other than employees of Serfco, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Serfco.

- (e) Serfco makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.

- (f) Further, customer shall be responsible for and secure Serfco against any and all liability for injury to or death of persons, other than employees of Serfco, irrespective of cause, growing out of or in any way connected with the transportation furnished or arranged by customer of Serfco's equipment, tools or instruments for marine operations which arises at any time after delivery to customer or customer's representative until returned to the landing, unless such injury or death is caused by the sole negligence of Serfco.

- (g) Because of the uncertainty of variable well conditions and the necessity of relying on facts, and supporting services furnished by others, Serfco is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Serfco. Serfco personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that Serfco shall not be responsible for any damages arising from the use of such information except where due to Serfco's gross negligence or willful misconduct in the preparation or furnishing of it.

## WARRANTIES — LIMITATION OF LIABILITY

Serfco warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Serfco's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Serfco or, at Serfco's option, to the allowance to the customer of credit for the cost of such items. In no event shall Serfco be liable for special, incidental, indirect, punitive or consequential damages.

TREATMENT REPORT



SERVICE FRACTURING COMPANY

Customer: <u>J.W. Oil</u>	Date: <u>7/11/94</u>	Lease: <u>Ferr</u>	Well #: <u>2</u>
Field Order #: <u>21102</u>	Station: <u>Liberal</u>	Casing: <u>55</u>	Depth: <u>55</u>
Type Job: <u>Acid</u>	Formation: <u>Lanning</u>	County: <u>Scott</u>	State: <u>Ks</u>
		Legal Description: <u>Sec. 22-11-24-6</u>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	<u>750 gal 7 1/2% M.H.A.</u>	RATE	ISIP
Depth	Depth	From	To	Pre Pad		PRESS	5 Min.
Volume	Volume	From	To	Pad	<b>ORIGINAL</b>	Max	10 Min.
Max Press	Max Press	From	To	Frac		Min	15 Min.
Well Connection	Annulus Vol.	From	To	Flush	<u>2% K-L H<sub>2</sub>O</u>	Avg	Annulus Pressure
Plug Depth	Packer Depth	From	To			HHP Used	Total Load

Customer Representative: <u>Mr.</u>	Station Manager: <u>Keith Miller</u>	Treater: <u>Tank Royst</u>
-------------------------------------	--------------------------------------	----------------------------

Time	Csg. Pressure	Tbg. Pressure	Bbls. Pumped	Rate	Service Log
10:20					Primed & Tested Line - Safety Meeting
10:30					Start Acid on Pad
10:40			<u>7 1/2</u>		
10:50					Start the Tubing w/ H <sub>2</sub> O
11:00					Start Flush
11:10			<u>14</u>	<u>4</u>	Well Isolated - increased P. L.
11:20			<u>2</u>	<u>4</u>	Start flush
11:30			<u>7</u>	<u>10</u>	Start Pumping - well flush
		<u>T.L.</u>	<u>5611</u>		Start acid on Pad - 7301-7312
					Settled target 750. Hg. H <sub>2</sub> O
					Start the Tubing w/ 112/112 H <sub>2</sub> O H <sub>2</sub> O
			<u>10</u>		Start the Tubing
					Well Isolated - start P. L. on Pad
				<u>4</u>	Start Flush
11:40			<u>134</u>		Acid on well increased P. L.
11:50					Well Isolated well flush - start P. L.
		<u>T.L.</u>	<u>10 110</u>		Start acid on Pad

Field Order  
**19870**



**SERVICE FRACTURING COMPANY**  
 P. O. BOX 1741  
 PAMPA, TEXAS 79066-1741

**ACKNOWLEDGMENT**

Subject To Correction

INVOICE NO. \_\_\_\_\_

CHARGE	Date <b>6-30-94</b>		Lease <b>FALL</b>		Well # <b>2</b>
	Station <b>209 Antelope</b>		County <b>SCOTT</b>		State <b>KS</b>
	Depth <b>L.O.</b>		Formation <b>ST LOUIS</b>		Legal Description <b>SFC 27 19-34</b>
	Casing <b>5 1/2</b>		Casing Depth	TD	Type Job <b>H.O.</b>

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Customer Order # \_\_\_\_\_ Treater **W. PARKER**

Materials Received by **X** *Martin G. Law*

Reference Number	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
418.65	500	GALS. 7 1/2 ACID				
		GALS. ACID				
436.02	2	GALS. NP-36 ACID			ORIGINAL	
222.02	1	GALS. A2 INHIBITOR				
440.22	3	LBS. CH-52 (KCL SUB)				
436.34	2	GALS. W-134 SURFACTANT				
440.01	2	GALS. CL-33 ADDITIVE				
		BALL SEALERS				
		LBS. GEL				
		LBS. SAND				
		LBS. SAND				
		LBS. PUMP CHARGE				
225.01	1	FC-500 PRESSURE ACID PUMP				
		BALL INJECTOR				
		HHP				
		BPM-BLENDER				
201.01	2	UNITS 50 MILES				
		TONS MILES SAND				
		<i>off of account</i>		<b>1239.00</b>		

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- (g) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Serfco is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Serfco. Serfco personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that Serfco shall not be responsible for any damages arising from the use of such information except where due to Serfco's gross negligence or willful misconduct in the preparation or furnishing of it.

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TREATMENT REPORT



SERVICE FRACTURING COMPANY

Customer <i>J.W. Oil</i>	Date <i>1/30/94</i>	Lease <i>FALL</i>	Well # <i>2</i>
Field Order # <i>19810</i>	Station <i>L B</i>	Casing <i>5 1/2</i>	Depth <i>SCOTT</i>
Type Job <i>Acid</i>	Formation <i>ST LOUIS</i>	Legal Description <i>KS</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size <i>2 7/8</i>	Shots/Ft <i>2 25/115</i>	Acid <i>500 GAL 72% A2</i>	Pre-Pad <i>DP-76, CL-33, WL 139</i>	Pad	RATE	PRESS	ISIP <i>0</i>
Depth	Depth	From <i>4806</i>	To <i>10</i>	From	To	Max <i>28</i>	load	5 Min.
Volume	Volume	From	To	From	To	Min <i>160</i>	<i>0</i>	10 Min.
Max Press	Max Press	From	To	From	To	Avg <i>15</i>	<i>580</i>	15 Min.
Well Connection	Annulus Vol.	From	To	From	To	HHP Used		Annulus Pressure
Plug Depth <i>4837</i>	Packer Depth <i>4800</i>	From	To	From	To	Gas Volume		Total Load <i>40</i>

Customer Representative	Station Manager <i>A. WILLIAMS</i>	Treater <i>W. RAINE</i>
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Service Units	<i>3500</i>	<i>1113</i>	<i>4577</i>					
---------------	-------------	-------------	-------------	--	--	--	--	--

Time	Csg. Pressure	Tbg. Pressure	Bbls. Pumped	Rate	Service Log
<i>11:55</i>	<i>0</i>	<i>4100</i>			<i>TEST &amp; SET WELL SAFETY MEETING</i>
<i>11:57</i>		<i>0</i>			<i>SEAL 500 GAL 72% A2 TREATED L.O</i>
<i>12:02</i>		<i>0</i>	<i>12</i>		<i>SEAL FLUID</i>
		<i>500</i>	<i>26 TOTAL</i>		<i>LOAD P-UP</i>
		<i>150</i>			<i>P-UP</i>
		<i>1000</i>			<i>P-UP</i>
		<i>1000</i>		<i>7</i>	<i>PROBE</i>
<i>11:24</i>		<i>0</i>	<i>28</i>	<i>2.8</i>	<i>SEAL FLUID</i>

# MERCURY WIRELINE, INC.

P.O. Box 680

Hays, Kansas 67601-0680

Phone 913 / 625-1182

**REMIT TO:**

ORIGINAL No 12229  
DATE 5-23-94

**Job Ticket**

CHARGE TO: J.W. Oil Co  
 ADDRESS: 209 W. Maple St. Hays, KS 67601  
 LEASE AND WELL NO. FARR No 2 FIELD \_\_\_\_\_  
 NEAREST TOWN \_\_\_\_\_ COUNTY SPOTT STATE KS  
 CUSTOMER'S ORDER NO. \_\_\_\_\_ SEC. 22 TWP. 19 RANGE 31  
 ZERO 5' HGL CASING SIZE 52" WEIGHT \_\_\_\_\_  
 CUSTOMER'S T.D. \_\_\_\_\_ Mercury WL T.D. \_\_\_\_\_ FLUID LEVEL DRY  
 ENGINEER W. Fink - MATHEWSON OPERATOR P. OTTAWAY

**PERFORATING**

CODE REFERENCE	DESCRIPTION	NO HOLES	DEPTH FROM	TO	AMOUNT
713-005	4" SPS	16	4805	4809	750
713-005	4" SPS	24	4775	4781	1020
		40			1810

**PLUGS, PACKERS, AND OTHER**

CODE REFERENCE	MFG. TYPE	SIZE	CASING WEIGHT	DEPTH	AMOUNT
713-005	Alpha	53			660
712-005				4800	960
712-05				150	150

**MATERIAL INVENTORY**

CODE REFERENCE	DESCRIPTION	AMOUNT

**TRUCK RENTAL**

CODE REFERENCE	RUN-NO.	PREVIOUS-INVOICE-NO.	AMOUNT
995			680

**DEPTH OF OPERATIONS CHARGES**

CODE REFERENCE	FROM	TO	NO. FEET	PRICE PER FT.	AMOUNT
722-075	0	4902	4902	36	1862
		4900	3600	mm	760

SUB TOTAL 6662

STATE CORPORATION COMMISSION RECEIVED

MAY 08 1995

CONSERVATION DIVISION WICHITA/KANSAS

SUB TOTAL 3411 00

TAX

PLEASE PAY FROM THIS INVOICE

TOTAL 3411 00

RECEIVED THE ABOVE SERVICE ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED BELOW WHICH WE HAVE READ AND TO WHICH WE HEREBY AGREE.

Customer

**General Terms and Conditions**

- All accounts are to be paid within the terms fixed by Mercury WL invoices; and should these terms not be observed, interest at the rate of 1.5% per month will be charged from the date of such invoice.
- Because of the uncertain conditions existing in a well which are beyond the control of Mercury WL, it is understood by the customer that Mercury WL, cannot guarantee the results of their services and will not be held responsible for personal or property damage in the performance of their services.
- Should any of Mercury WL, instruments be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover same, and to reimburse Mercury WL, for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the songs, as shot were approved.
- The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Mercury WL is in proper and suitable condition for the performance of said work.
- No employee is authorized to alter the terms or conditions of this agreement.

PO # 6417  
6-1-94



# MERCURY WIRELINE, INC.

P.O. Box 680  
Hays, Kansas 67601-0680  
Phone 913 / 625-1182

**REMIT TO:**

ORIGINAL NO 12245  
DATE 7-1-94

**Job Ticket**

CHARGE TO: J-W Oil Co  
 ADDRESS: 209 Antelope Scott City KS 67871  
 LEASE AND WELL NO. FACE No 2 FIELD \_\_\_\_\_  
 NEAREST TOWN \_\_\_\_\_ COUNTY Scott STATE Ks  
 CUSTOMER'S ORDER NO. \_\_\_\_\_ SEC. 22 TWP. 19S RANGE 34W  
 ZERO 5' NPL CASING SIZE 5 1/2" WEIGHT \_\_\_\_\_  
 CUSTOMER'S T.D. \_\_\_\_\_ Mercury WL T.D. \_\_\_\_\_ FLUID LEVEL \_\_\_\_\_  
 ENGINEER (30) OTTAWAY OPERATOR OTTAWAY

**PERFORATING**

CODE REFERENCE	DESCRIPTION	NO HOLES	DEPTH FROM	TO	AMOUNT
715005	3/8 SCS	1	4914		790
	3/8 SCS	1	4301		100
	3/8 SCS	1	4033		100
		3			990

**PLUGS, PACKERS, AND OTHER**

CODE REFERENCE	MFG. TYPE	SIZE	CASING WEIGHT	DEPTH	AMOUNT

**MATERIAL INVENTORY**

3- 3/8 SCS
1- NEB
1- Pos
1- UBD
4- 70gr

**TRUCK RENTAL**

CODE REFERENCE	RUN NO.	PREVIOUS INVOICE NO.	AMOUNT
775			1580

**DEPTH OF OPERATIONS CHARGES**

CODE REFERENCE	FROM	TO	NO. FEET	PRICE PER FT.	AMOUNT
<b>SUB TOTAL</b>					1670
<b>DISCOUNT PRIC</b>					\$235

SUB TOTAL 835 00  
TAX 49 26

PLEASE PAY FROM THIS INVOICE  
TOTAL Thank You 884 26

RECEIVED THE ABOVE SERVICE ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED BELOW WHICH WE HAVE READ AND TO WHICH WE HEREBY AGREE.

Customer Bear

**General Terms and Conditions**

- All accounts are to be paid within the terms fixed by Mercury WL invoices; and should these terms not be observed, interest at the rate of 1.5% per month will be charged from the date of such invoice.
- Because of the uncertain conditions existing in a well which are beyond the control of Mercury WL, it is understood by the customer that Mercury WL, cannot guarantee the results of their services and will not be held responsible for personal or property damage in the performance of their services.
- Should any of Mercury WL, instruments be lost or damaged in the performance of the operations requested, the customer agrees to make every reasonable effort to recover same, and to reimburse Mercury WL, for the value of the items which cannot be recovered, or the cost of repairing damage to items recovered.
- It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the zones, as shot were approved.
- The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Mercury WL is in proper and suitable condition for the performance of said work.
- No employee is authorized to alter the terms or conditions of this agreement.



# ORIGINAL

Phone 913-483-2627, Russell, KS

Phone 913-625-5516, Hays, KS

Phone 316-886-5926, Medicine Lodge, KS

Phone 316-793-5861, Great Bend, KS

Phone 913-672-3471, Oakley, KS

Phone 913-798-3843, Ness City, KS

## ALLIED CEMENTING CO., INC. 0007633

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	5-17-94	Sec.	22	Twp.	19	Range	34	Called Out		On Location	5:30 AM	Job Start		Finish	11:45 AM
Lease	Farr	Well No.	2	Location			Madoc 1/2 E-65-1/2 E	County	Scott	State	Kan				

Contractor	Emphasis Oil Ops #7		
Type Job	Production String		
Hole Size	7 1/8	T.D.	4945'
Csg.	5 1/2	Depth	4943'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool	Port Collar	Depth	22??'
Cement Left in Csg.	33'	Shoe Joint	33'
Press Max.		Minimum	
Meas Line		Displace	
Perf.			

Owner - Same  
 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 listed.

Charge To	JW Oil Co / Jim Farr
Street	209 Antelope
City	Scott City
State	Kan 67871

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X *[Signature]*  
**CEMENT**

Amount Ordered 200 lbs ASC, 500 gal WFR-2

### EQUIPMENT

Pumptrk	No.	Cementer	Walt Terry
	300	Helper	
Pumptrk	No.	Cementer	Wayne
		Helper	
		Driver	
Bulktrk	218	Driver	

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Handling	1.00 per SK	Sales Tax	
Mileage	4¢ per mile	Sub Total	
62 miles		Total	

STATE RECEIVED  
 MAY 20 1995  
 COMMISSION DIVISION  
 WICHITA, KANSAS

### DEPTH of Job

Reference:	Pumptruck	
	5 1/2 Rubber Plug	
	225 per mile	
	Sub Total	
	Tax	
	Total	

- Floating Equipment 5 1/2
- 1 - Guide shoe -
  - 1 - AFU insert -
  - 1 - Basket -
  - 5 - Centralizers -
  - 1 - Port Collar -

### Remarks:

Float Hold  
 that for

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



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