

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 129-210960001

County Morton
SE NW
Sec. 9 Twp. 32S Rge. 40 X E

Operator: License # 32468

Name: Pioneer Oil Company

Address R.R. #4 Box 142B

City/State/Zip Lawrenceville, IL 62439

Purchaser: _____

Operator Contact Person: George A. Payne

Phone (812) 853-3813

Contractor: Name: Norseman Drilling

License: 3779

Wellsite Geologist: None (re-entry)

Designate Type of Completion
 New Well X Re-Entry Workover

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

If Workover:

Operator: Trans Pacific Oil Corporation

Well Name: Harrison #1-9

Comp. Date 9/21/91 Old Total Depth 5700'

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

7/7/00 7/9/00 7/22/00
Spud Date Date Reached TD Completion Date

1880 Feet from S/N (circle one) Line of Section

2080 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 Harrison "OWWO" Well # 1-9

Field Name Unnamed

Producing Formation Upper Morrow

Elevation: Ground 3,298 ft KB 3,310 ft

Total Depth 5700 ft PBTB n/a

Amount of Surface Pipe Set and Cemented at 1,692 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 2,905 Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan REENTRY 9/10/00
(Data must be collected from the Reserve Pit)

Chloride content 35,000 ppm Fluid volume 200 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 George A. Payne
Title Petroleum Engineer Date 8/16/00

Subscribed and sworn to before me this 16th day of August,
2000.

Notary Public Lisa R. Herr / LISA R. HERR

Date Commission Expires March 29, 2008

K.C.C. OFFICE USE ONLY					
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached			
C	<input checked="" type="checkbox"/>	Wireline Log Received			
C	<input type="checkbox"/>	Geologist Report Received			
Distribution					
<input type="checkbox"/>	KCC	<input type="checkbox"/>	SWD/Rep	<input type="checkbox"/>	HGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/>	Plug	<input type="checkbox"/>	Other (Specify)

STATE CORPORATION COMMISSION
RECEIVED
AUG 21 2000
CONSERVATION DIVISION
Wichita, Kansas

X

Operator Name Pioneer Oil Company

Lease Name Harrison

Sec. 9 Twp. 32S Rge. 40

East

County Morton

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:

Cement bond log

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Wabaunsee	2877	+433
Heebner Shale	3581	-271
Lansing	3692	-382
Marmaton	4335	-1015
Morrow Shale	4948	-1638
Upper Keyes sand	5333	-2027
St. Genevieve	5392	-2082
St. Louis	5472	-2162

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	12 1/4"	8 5/8"	24#	1,692'	See note	615	
Production	7 7/8"	4 1/2"	10.5#	5,082'	Midcon & EA2	365	
Note: Surface csg cemented by original operator.							

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)			
4/ft	4,950-56 ft	1,500 gal 7.5% Fe-MCA III			
RECEIVED STATE CORPORATION COMMISSION AUG 21 2000 CONSERVATION DIVISION Wichita, Kansas					
TUBING RECORD		Liner Run			
Size	Set At	Packer At			
2 3/8"	5,009 ft	none			
Date of First, Resumed Production, SWD or Inj.		Producing Method			
WOPL		<input checked="" 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
		500	3		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: 4950' - 4956'



Halliburton Energy Services, Inc.

PIONEER OIL CO
 ROUTE #4 BOX 142B
 LAWRENCEVILLE IL 62439
 USA

PIONEER OIL CO. HARRISON
 1-9, MORTON
 LEASE NAME / OFFSHORE AREA
 HARRISON
 WELL NUMBER
 1-9
 WELL PERMIT NO.
 SEC9-32S-40W
 ADDRESS
 *
 CITY, STATE, ZIP CODE

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	743106
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	07/09/2000	Liberal, KS, USA

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Oil	Development	PIONEER OIL CO

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	7523	Cement production casing Liberal, KS, USA Hwy 54 West JP035	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT Liberal, KS, USA Hwy 54 West	55	MI	4.05	222.75
			55	MI	1.62	89.10
			55	MI	2.43	133.65
		000-117 With the following configuration: Number of Units		1 unit		
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West	55	MI	2.38	130.90
			55	MI	0.95	52.36
			55	MI	1.43	78.54
		000-119 With the following configuration: Number of Units		1 unit		

INVOICE INSTRUCTIONS	
PAYMENT TERMS Net due in 20 days	HALLIBURTON APPROVAL
HALLIBURTON OPERATOR / ENGINEER <i>Jack Woodson</i> 105848	CUSTOMER SIGNATURE

TOTAL FROM THIS PAGE	212.19
TOTAL FROM NEXT PAGE(S)	9,937.98
SUBTOTAL	10,150.17
TAXES	437.63
GRAND TOTAL	10,587.80
	US Dollars

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
40	16091	CSG PUMPING,0-4 HRS,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	EA	2,642.00	2,642.00
			1.00	EA	1,056.80	1,056.80
			1.00	EA	1,585.20	1,585.20
		001-016				
		CSG PUMPING,0-4 HRS,ZI				
		With the following configuration:				
		DEPTH	5,700			
		FEET/METRES (FT/M)	FT			
50	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	60.00	60.00
		000-150				
60	100003180	PLUG - CMTG - BOTTOM ALUMINUM - 4-1/2				
	Liberal, KS, USA Hwy 54 West		1.00	EA	110.00	110.00
			1.00	EA	44.00	44.00
			1.00	EA	66.00	66.00
		PLUG - CMTG - BOTTOM ALUMINUM - 4-1/2				
		IN. 9.5-15.1# - 3.81 MIN/4.09 MAX CSG				
		ID - SYNTHETIC SERVICE				
70	100003140	PLUG - CMTG - TOP ALUM - 4-1/2				
	Liberal, KS, USA Hwy 54 West		1.00	EA	53.15	53.15
			1.00	EA	21.26	21.26
			1.00	EA	31.89	31.89
		402.1502				
		PLUG - CMTG - TOP ALUM - 4-1/2				
		9.5-15.1#				
80	88	PLUG CONTAINER RENTAL-1st Day				
	Liberal, KS, USA Hwy 54 West		1.00	EA	582.00	582.00
			1.00	EA	232.80	232.80
			1.00	EA	349.20	349.20
		019-248				
		With the following configuration:				
		NUMBER OF DAYS	1	Days		

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
90	114	R/A DENSOMETER W/CHART RECORDER,/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	415.00	415.00
			1.00	JOB	166.00-	166.00-
			1.00	JOB	249.00	249.00
		019-500				
		With the following configuration:				
		NUMBER OF UNITS		1	each	
100	132	PORTABLE DAS,/DAY/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	829.00	829.00
			1.00	JOB	331.60-	331.60-
			1.00	JOB	497.40	497.40
		045-050				
		With the following configuration:				
		NUMBER OF DAYS		1	Days	
110	100004879	SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER				
	Liberal, KS, USA Hwy 54 West		1.00	EA	292.00	292.00
			1.00	EA	116.80-	116.80-
			1.00	EA	175.20	175.20
		5A837.00300				
		SHOE-FLOAT- 4-1/2 8RD - 2-3/4 SUPER				
		SEAL II VALVE				
120	100004752	COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT -				
	Liberal, KS, USA Hwy 54 West		1.00	EA	341.00	341.00
			1.00	EA	136.40-	136.40-
			1.00	EA	204.60	204.60
		COLLAR-FLOAT- 4-1/2 8RD 9.5-13.5#/FT -				
		2-3/4 SUPER SEAL II VALVE				
130	100004473	CENTRALIZER ASSY - API - 4-1/2 CSG X				
	Liberal, KS, USA Hwy 54 West		10.00	EA	59.00	590.00
			10.00	EA	23.60-	236.00-
			10.00	EA	35.40	354.00
		806.60004				
		CENTRALIZER ASSY - API - 4-1/2 CSG X				
		7-7/8 HOLE - HINGED - W/WELDED				

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
IMPERIAL BOWS						
140	100004612	BASKET-CEMENT-4-1/2 CSG-SLIP-O				
	Liberal, KS, USA Hwy 54 West		2.00	EA	113.00	226.00
			2.00	EA	45.20-	90.40-
			2.00	EA	67.80	135.60
		806.71415				
		BASKET - CEMENT - 4-1/2 CSG - SLIP-ON				
		- STEEL BOWS - CANVAS				
145	100004595	BSKT,CEM,4 1/2 CSG X 6 1/4,8 3/4 H				
	Liberal, KS, USA Hwy 54 West		2.00	EA	131.00	262.00
			2.00	EA	52.40-	104.80-
			2.00	EA	78.60	157.20
		806.70020				
		BASKET - CEMENT - 4-1/2 CSG X 6-1/4 -				
		8-3/4 HOLE - SLIP-ON - STEEL VANE -				
		UNIVERSAL BOW				
150	100004669	CMTR,FO,4 1/2 8RD,9.5-13.5#,SUITABLE F/				
	Liberal, KS, USA Hwy 54 West		1.00	EA	2,500.00	2,500.00
			1.00	EA	1,000.00-	1,000.00-
			1.00	EA	1,500.00	1,500.00
		73813.0141				
		CEMENTER - FO - 4-1/2 8RD 9.5-13.5# -				
		SUITABLE F/USE W/P-110				
170	100003639	CHEMICAL - HALLIBURTON SUPER FLUSH				
	Liberal, KS, USA Hwy 54 West		12.00	SK	119.00	1,428.00
			12.00	SK	47.60-	571.20-
			12.00	SK	71.40	856.80
		516.00114				
		CHEMICAL - HALLIBURTON SUPER FLUSH				
180	13383	SBM MUD FLUSH,ZI				
	Liberal, KS, USA Hwy 54 West		500.00	GAL	0.85	425.00
			500.00	GAL	0.34-	170.00-
			500.00	GAL	0.51	255.00
		018-315				

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
	LOCATION					
210	100003687 Hugoton, KS, USA	Cement- Premium (Bulk)	190.00	SK	16.31	3,098.90
			190.00	SK	6.52-	1,239.56-
			190.00	SK	9.79	1,859.34
						CEMENT - CLASS H - PREMIUM - BULK CEMENT - CLASS H - PREMIUM - BULK
220	100064022 Hugoton, KS, USA	Chemical- Calseal 60 (Bulk)	9.00	SK	29.76	267.84
			9.00	SK	11.90-	107.14-
			9.00	SK	17.86	160.70
						508-127516.00335 CHEMICAL - CAL SEAL - BULK
230	101007446 Hugoton, KS, USA	CHEM,D-AIR 3000	45.00	LB	4.56	205.20
			45.00	LB	1.82-	82.08-
			45.00	LB	2.74	123.12
						Chemical - D-Air 3000
240	100003646 Hugoton, KS, USA	CHEMICAL - HALAD-322 - 50 LB SACK	108.00	LB	8.19	884.52
			108.00	LB	3.28-	353.81-
			108.00	LB	4.91	530.71
						507-775516.00144 CHEMICAL - HALAD-322 - 50 LB SACK
250	100001585 Hugoton, KS, USA	CHEMICAL - KCL POTASSIUM CHLORIDE (50 #)	595.00	LB	0.46	273.70
			595.00	LB	0.18-	109.48-
			595.00	LB	0.28	164.22
						70.15302 CHEMICAL - KCL POTASSIUM CHLORIDE - 50 LB SACK OR BAG

ORIGINAL



Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
260	3965	HANDLE&DUMP SVC CHR, CMT&ADDITIVES,ZI				
	Hugoton, KS, USA		202.00	CF	1.76	355.52
			202.00	CF	0.70	142.21
			202.00	CF	1.06	213.31
		500-207				
		With the following configuration:				
		NUMBER OF EACH	1	each		
270	16119	MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN				
	Hugoton, KS, USA		491	MI	1.39	682.45
			491	MI	0.56	273.00
			491	MI	0.83	409.45
		500-306				
		MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN				
		With the following configuration:				
		NUMBER OF TONS	1	ton		
		INVOICE AMOUNT				10,150.17
		Sales Tax - State				320.08
		Sales Tax - County				52.22
		Sales Tax - City/Loc				65.33
		INVOICE TOTAL				10,587.80
						US Dollars

ORIGINAL



Halliburton Energy Services, Inc.

PIONEER OIL CO
 ROUTE #4 BOX 142B
 LAWRENCEVILLE IL 62439
 USA

PIONEER OIL CO. HARRISON
 1-9, MORTON
 LEASE NAME / OFFSHORE AREA
 HARRISON
 WELL NUMBER
 1-9
 WELL PERMIT NO.
 SEC9-32S-40W
 ADDRESS
 *
 CITY, STATE, ZIP CODE

TICKET TYPE	COMPANY CODE	HALLIBURTON ORDER NO.
Services	1100	762808
CUSTOMER P.O. NO.	JOB DATE	PRIMARY SERVICE LOC.
N/A	07/20/2000	Liberal, KS, USA

SALES OFFICE	WELL TYPE	WELL CATEGORY	RIG NAME / NO.
Mid-Continent BD	Oil	Development	PIONEER OIL CO

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
10	14118	PSL-CMT SQUEEZE HOLE IN CASING-BOM Liberal, KS, USA Hwy 54 West JP060	1.00	JOB	0.00	0.00
20	1	MILEAGE FROM NEAREST HES BASE,/UNIT Liberal, KS, USA Hwy 54 West 000-117 With the following configuration: Number of Units	55	MI	4.05	222.75
			55	MI	1.01-	55.69-
			55	MI	3.04	167.06
30	2	MILEAGE FOR CEMENTING CREW,ZI Liberal, KS, USA Hwy 54 West 000-119 With the following configuration: Number of Units	55	MI	2.38	130.90
			55	MI	0.60-	32.73-
			55	MI	1.78	98.17

INVOICE INSTRUCTIONS	
PAYMENT TERMS	HALLIBURTON APPROVAL
Net due in 20 days	
HALLIBURTON OPERATOR / ENGINEER	CUSTOMER SIGNATURE

TOTAL FROM THIS PAGE	265.23
TOTAL FROM NEXT PAGE(S)	6,139.85
SUBTOTAL	6,405.08
TAXES	204.75
GRAND TOTAL	6,609.83
	US Dollars

ORIGINAL

Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
40	16097	SQUEEZE PUMPING CHARGE				
	Liberal, KS, USA Hwy 54 West		1.00	EA	2,304.00	2,304.00
			1.00	EA	576.00-	576.00-
			1.00	EA	1,728.00	1,728.00
		009-134				
		OPEN HOLE SQUEEZE THRU PERF,0-4 HRS,ZI				
		With the following configuration:				
		DEPTH	2,905			
50	7	ENVIRONMENTAL SURCHARGE,/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	60.00	60.00
		000-150				
60	132	PORTABLE DAS,/DAY/JOB,ZI				
	Liberal, KS, USA Hwy 54 West		1.00	JOB	829.00	829.00
			1.00	JOB	207.25-	207.25-
			1.00	JOB	621.75	621.75
		045-050				
		With the following configuration:				
		NUMBER OF DAYS	1	Days		
70	15079	SBM MIDCON 2 PREMIUM PLUS				
	Hugoton, KS, USA		200.00	SK	19.64	3,928.00
			200.00	SK	4.91-	982.00-
			200.00	SK	14.73	2,946.00
		504-282				
110	100005053	Chemical - Calcium Chloride Hi Test Plt				
	Hugoton, KS, USA		4.00	SK	49.85	199.40
			4.00	SK	12.46-	49.85-
			4.00	SK	37.39	149.55
		509-406890.50812				
		CALCIUM CHLORIDE - HI TEST PELLET -				
		94-97% CACL 2 - 80# BAG				

ORIGINAL



Halliburton Energy Services, Inc.

ITEM	MATERIAL	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
120	100005049	Chemical - Flocele (25 lb sk)	50.00	LB	2.22	111.00
	Hugoton, KS, USA		50.00	LB	0.56	27.75
			50.00	LB	1.67	83.25
		XXXXXXXX 890.50071				
		FLOCELE - 3/8 - 25 LB SACK				
130	3965	HANDLE&DUMP SVC CHR, CMT&ADDITIVES,ZI	221.00	CF	1.76	388.96
	Hugoton, KS, USA		221.00	CF	0.44	97.24
			221.00	CF	1.32	291.72
		500-207				
		With the following configuration:				
		NUMBER OF EACH	100	each		
140	16119	MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN	249	MI	1.39	346.11
	Hugoton, KS, USA		249	MI	0.35	86.53
			249	MI	1.04	259.58
		500-306				
		MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN				
		With the following configuration:				
		NUMBER OF TONS	1	ton		
		INVOICE AMOUNT				6,405.08
		Sales Tax - State				170.04
		Sales Tax - City/Loc				34.71
		INVOICE TOTAL				6,609.83
						US Dollars

ORIGINAL



JOB SUMMARY

ORDER NO. 70006

TICKET #	762808 ORIGINAL	TICKET DATE	July 20, 0
BDA / STATE	KANSAS	COUNTY	MOBILTON
PSL DEPARTMENT	II	CUSTOMER REP / PHONE	GEORGE HAYNE 1-812-453-038
API / UWI #		JOB PURPOSE CODE	060

REGION	North America	NWA/COUNTRY	MID CONT
MBU ID / EMP #	mcli 0102 188624	EMPLOYEE NAME	JOE JACKSON
LOCATION	LIBEROL	COMPANY	PIONEER OIL CO.
TICKET AMOUNT	6,609.83	WELL TYPE	GAS
WELL LOCATION	Rolla	DEPARTMENT	501
LEASE / WELL	HARRISON 1-9	SEC / TWP / RNG	9-323-40W

HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#(EXPOSURE HOURS) HRS
JACKSON 188624			
A. ZIMMERMAN			
B. DAVIS 102362			

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
PIU 420621	55						
54219-75219	55						
52938-75219	55						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
		7:20	7:20	7:20	7:20
		0400	0715		

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLC
Casing	U	10.5	4 1/2	SURF	205	
Liner						
Liner						
Tbg/D.P.	U	4.7	2 3/8	"	"	
Tbg/D.P.						
Open Hole						SHOTS/FT
Perforations						
Perforations						
Perforations						

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size A	Lb.
Acid Type	Gal	%
Acid Type	Gal	%
Surfactant	Gal	In
NE Agent	Gal	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
7/20	4.5	7/20	3.5	
TOTAL: 3.5		TOTAL: 3.5		

ORDERED _____ HYDRAULIC HORSEPOWER Avail. _____ Used _____
 TREATED _____ AVERAGE RATES IN BPM Disp. _____ Overall _____
 FEET 0 CEMENT LEFT IN PIPE Reason REV. OUT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/G
1	200	MIXERC	B	2% TCC - 1/4# FLOCEL	3.22	11.1

Circulating _____ Displacement _____ Prelush: Gal - BBI Type H₂O
 Breakdown _____ Maximum _____ Load & Bkdn: Gal - BBI Pad: BBI - Gal
 Average _____ Frac Gradient _____ Treatment Gal - BBI Disp: BBI - Gal 11
 Shut In: Instant 5 Min 15 Min Cement Slurr Gal - BBI 115
 Total Volume Gal BBI

JOB LOG

ORDER NO. 70006

TICKET #	762808	TICKET DATE	July 29 1983
BOA / STATE	KANSAS	COUNTY	WAGONER
PSL DEPARTMENT	2I ORIGINAL		
CUSTOMER REP / PHONE	GEORGE PAYNE 1-812-453-0352		
API / LWI #		JOB PURPOSE CODE	060

REGION	North America	NWA/COUNTRY	INDIA
MDU ID / EMP #	MOI 0102 188624	EMPLOYEE NAME	JACKSON
LOCATION	LIBERTY	COMPANY	PIONEER OIL CO.
TICKET AMOUNT	6609.83	WELL TYPE	OIL GAS
WELL LOCATION	ROLLA	DEPARTMENT	501
LEASE / WELL #	HARRISON 19	SEC / TWP / RNG	9-32S-40W

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
J. JACKSON 188624							
A. ZIMMERMAN							
B. DAVIS 102361							

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL/GAL)	PUMPS		PRESS. (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0715							ARRIVE LOCATION
	0850		50					FILL WELL BORE
	0907					1500	1500	TEST CASING - LINGS / PORT COLLAR
	0917 - 1015							OPEN PORT COLLAR
	1016		10					WATER ATEND
	1022							BRING UP SURPRESS
	1025 2.75					700		PUMP SURPRESS
	1100 10.5					700		INCREASE WT TO 12.4 PPG
	1104 11.5					700		FIN. SURPRESS
	1105					650		DISPLACE
	1110 16.2							FIN. DISP
	1115					1500	1500	CLOSE PORT COLLAR
	1130 20							TEST CASING - GOOD TEST
								REVERSE CUR - 1/2 - 1 BBL RETURNED (177)