

CORRECT ACO-1 FILING - CORRECTION OF FOOTAGE FSL

FORM MUST BE TYPED

SIDE ONE

077-21310-00-00

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

Operator: License 8061
 Name: OIL PRODUCERS, INC. OF KANSAS
 Address P.O. BOX 8647
 City/State/Zip WICHITA, KANSAS 67208
 Purchaser: FARMLAND INDUSTRIES, Inc
 Operator Contact Person: DIANA RICHECKY
 Phone (316) 681-0231
 Contractor: Name: Duke Drilling Co., Inc.
 License: 5929
 Wellsite Geologist: WILLIAM SHEPHERD

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
 09/24/96 _____ 09/30/96 _____ 10/21/96 _____
 Spud Date _____ Date Reached TD _____ Completion Date _____

API No. 15- _____
 County HARPER
 - W/2- E/2 - NE Sec. 15 Twp. 33 Rge. 6 E W
3960 Feet from S/N (circle one) Line of Section
990 Feet from P/W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)
 Lease Name HARRISON Well # 1
 Field Name _____
 Producing Formation Mississippi
 Elevation: Ground 1330 KB 1338
 Total Depth 4599' PBTB NA
 Amount of Surface Pipe Set and Cemented at 229
 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 D.A. 3-25-98 U.C.
 (Data must be collected from the Reserve Pit)

Chloride content 3840 ppm Fluid volume 320 bbls
 Dewatering method used: Evaporation and allow to dry, restore area to near normal
 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, Ks. 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 Gregory Gleason
 Title Controller Date 03/24/98
 Subscribed and sworn to before me this 24th of March
 19 98
 Notary Public Diana L. Richecky
 Date Commission Expires Jan 12, 2000

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

DIANA L. RICHECKY
 Notary Public - State of Kansas
 My Appt. Expires 1/12/2000

RECEIVED
 KANSAS CORP. COMM.
 1998 MAR 25 12:00

Sec. 15 Twp. 33S Rge. 6

County HARPER
East
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: Correlation Cement Bond Log
Compensated Density Neutron Log
Dual Induction Log, Geo Log

Log Sample

Name	Top	Datum
Heebner	3173	-1835
Iatan	3536	-2198
Kansas City	3790	-2452
Mississippi	4410	-3072
LTD	4601	-3263

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 1/2"	8 5/8"	20	229	60 40 poz	160	2% gel, 3% cc
PRODUCTION		4 1/2"	10.5	4596	50 50 POZ	50	
					EA-2	100	5% cc 18% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4 shots	see attached completion report	

TUBING RECORD

Size	Set At	Packer At	Liner Run
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. plugged after initial compl. _____
Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		NA						

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, submit ACO-18.) Other (Specify) _____

RECEIVED
KANSAS CORP COM
1998 MAR 25 12:00

ORIGINAL

OIL PRODUCERS INC., OF KS. INITIAL COMPLETION REPORT

WELL - HARRISON #1

LEGAL - W/2-E/2-NE/4 OF 15-33s-6w IN HARPER CO. KS.

API# - 15-077-21,310

G.L. - 1330'

K.B. - 8' ABOVE G.L. @ 1338'

SURFACE CSN - 8 5/8" @ 229' WITH 160 SX

RTD - 4599'

LTD - 4601' (ELI 9/29/96)

PRODUCTION CSN - 4 1/2", 9.5# SET @ 4598' WITH 100 SX EA-2

TOP OF CEMENT - 3960' WITH GOOD CEMENT BONDING

PBTD - 4538' WITH CIBP'S @ 4475', 4454' AND 4425'.

PERFORATIONS

LOWER MISS-----4513'-4517' 4/FT. (UNDER PLUG)
LOWER MISS-----4479'-4482' 4/FT. (UNDER PLUG)
LOWER MISS-----4459'-4462' 4/FT. (UNDER PLUG)
LOWER MISS-----4428'-4434' 4/FT. (UNDER PLUG)
UPPER MISS-----4413'-4416' 4/FT.

10/11/96

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC CEMENT BOND LOG.

FOUND TOTAL DEPTH - 4182'

NOTE: - TOTAL DEPTH SHOULD BE 4564'. THIS IS NOT DEEP ENOUGH TO COMPLETE)

10/15/96

A&W SUPPLY ON LOCATION WITH APPROX 1200' NEW J-55 2 3/8" TBG.
SIROKY OIL MANAGEMENT ON LOCATION WITH APPROX 3400' USED T&D 2 3/8" TBG & UNLOADED.

COMANCHE WELL SERVICE ON LOCATION WITH D-D POLE UNIT & RIGGED UP.
RIH - WITH 3 7/8" BIT, BIT SUB, & 59 JTS. 2 3/8" TBG
SHUT DOWN DUE TO DARKNESS.

10/16/96

RIH - WITH REST OF TBG.

TAG SOLID T.D. @ 4371'.

DISPATCHED HALLIBURTON PUMP TRUCK TO ASSIST CIRCULATING.

10/16 CONT.

CIRCULATED DOWN TO TOTAL DEPTH 4560'.

NOTE: - CIRCULATED HARD SCALE BRIDGE @ 4371')

HAD WHAT APPEARED TO BE FLOATING RUBBER ON BOTTOM. DRILLED ON RUBBER, PLUGGED BIT.

POOH - WITH 2 3/8" TBG & BIT.

RIG UP CSN SWAB TOOLS.

SHUT DOWN FOR THE NIGHT.

10/17/96

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC CEMENT BOND LOG.

FOUND TOTAL DEPTH - 4538'.

NOTE: - EVIDENTLY RUBBER HAS FLOATED UP HOLE 22' FROM 4560', TOP INSERT SHOULD BE 4564'.

FOUND TOP OF CEMENT - 3960' WITH GOOD CEMENT BONDING.

COMANCHE SWABBED FRESH WATER FROM 4 1/2" CASING DOWN TO 4200' FROM SURFACE.

ELI RIGGED TO PERFORATE PROPOSED INTERVAL IN LOWER MISS.

PERFORATED LOWER MISS - 4513' - 4517' WITH 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO PBTB - 4538'.

MADE 1-15 MIN NATURAL TEST - RECOVERED 50' WATER, VERY SLIGHT SHOW GAS.

HALLIBURTON ON LOCATION TO ACIDIZE LOWER MISS PERFS 4513'-17' WITH 250 GALS 15% MCA.

ACIDIZE LOWER MISS PERES 4513'-17' AS FOLLOWS:

PUMP 250 GALS 15% MCA.

LOAD HOLE WITH 65 BBLs FIELD BRINE.

PRESSURED IN INTERVALS FOR 1 1/2 HRS TO 1800 psi.

FORMATION WOULD NOT BREAK DOWN.

ELI RE-PERFORATED 4513'-17' WITH 4 SHOTS/FT.

HALLIBURTON HOOKED BACK UP & PRESSURED TO 1800 psi.

WORKED WITH PRESSURE FOR 2 HRS. WOULD NOT BREAK.

LEFT PRESSURE ON WELL OVERNIGHT.

10/18/96

CONTINUE ACID JOB AS FOLLOWS:

PRESSURE DROPPED TO 500 psi OVERNIGHT.

RE-PRESSURED TO 1800 psi WOULD NOT BREAK.

NOTE: - DECISION MADE TO ABANDON THIS ACID ATTEMPT.

HALLIBURTON ON LOCATION WITH RTTS PACKER & 250 GALS 28% FE ACID.

RIH - WITH RTTS PACKER & 2 3/8" TBG. PACKER SWINGING @ 4520'.

ACIDIZE LOWER MISS PERES 4513'-17' AS FOLLOWS:

SPOT 250 GALS 28% FE ACID @ 4520' ACROSS PERFORATIONS.

PICK UP & SET PACKER @ 4482'.

PRESSURED IN INTERVALS TO 1800 psi. GETTING BLEED OFF.

RE-PRESSURED SEVERAL TIMES TO 1800 psi.

WITH 1/2 BBLs ACID IN FORMATION, STARTED FEEDING @ .2 BPM -1500#-300#

DISPLACED REMAINING ACID @ 1.25 BPM - 275 psi.

ISIP - VAC, TTL LOAD - 26 BBLs.

10/18 CONT.

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST LOWER MISS 4513'-17'.

SWAB TEST LOWER MISS 4513'-17' AS FOLLOWS:

FOUND FLUID LEVEL @ 300' FROM SURFACE.

1 HR. SWAB - RECOVERED 18.24 BBLs, 12% OIL, LESS THAN 10 MCFFD GAS.

1/2 HR. TEST - RECOVERED 3.16 BBLs, 22% OIL, LESS THAN 10 MCFFD GAS.

HALLIBURTON RIGGED TO RE-ACIDIZE LOWER MISS 4513'-17' WITH 750 GALS 15% FE ACID & WATER SPACERS.

RE-ACIDIZE LOWER MISS 4513'-17' AS FOLLOWS:

PUMP 250 GALS 15% FE ACID.

PUMP 250 GALS WATER SPACER.

PUMP 250 GALS 15% FE ACID.

PUMP 250 GALS WATER SPACER.

PUMP 250 GALS 15% FE ACID.

DISPLACED & OVER FLUSHED WITH 2 BBLs @ 2 BPM - 275 psi.

ISIP - VAC, TOTAL LOAD - 50 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST.

SWAB BACK ACID LOAD & TEST MISS 4513'-17' AS FOLLOWS:

SWAB 1 1/2 HRS, RECOVERED 40 BBLs @ 22% OIL, SHOW OF GAS.

1/2 HR. TEST - RECOVERED 3.42 BBLs, 3% OIL, SHOW OF GAS.

RIG TO PULL TBG. POOH - WITH APPROX 1/2 STRING TBG.

10/19/96

SITP - 0 psi, FL. LEV. - 1100' DOWN, FREE OIL - 50', OIL% - 1.4%

SBHP - 4513'-17' CALCULATES 1624 psi.

NOTE: - BASED ON LAST EVENINGS 1/2 HR. TEST @ 3% OIL & THIS MORNINGS REPORT, WE WILL NEED TO RE-EVALUATE 4513'-17' FURTHER, THIS MAY BE NON-COMERCIAL.

ELI ON LOCATION TO PERFORATE LOWER MISS.

PERFORATED PROPOSED INTERVAL IN LOWER MISS - 4479'-4482' 4/FT.

HALLIBURTON ON LOCATION WITH RTTS PACKER & RBP.

RIH - WITH RBP, RTTS, & TBG. SET RBP @ 4505'.

LEFT PACKER SWINGING @ 4494'.

HALLIBURTON ON LOCATION TO ACIDIZE LOWER MISS 4479'-82' WITH 250 GALS 28% FE ACID.

ACIDIZED LOWER MISS 4479'-82' AS FOLLOWS:

SPOT ACID ACROSS PERFS 4479'-82'

PICK UP & SET PACKER @ 4464'

PRESSURED TO 300 psi & STARTED FEEDING.

DISPLACED ACID @ 2 BPM - 300 psi.

ISIP - VAC., TTL LOAD - 25 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD.

SWAB TEST LOWER MISS 4479'-82' AS FOLLOWS:

SWAB 1 HR. RECOVER 22.40 BBLs, TRACE OIL, 22 MCFFD GAS BLOW.

1/2 HR. TEST - 2 RUNS, RECOVERED 2.48 BBLs, TRACE OIL, < 10 MCFFD GAS BLOW.

NOTE: - IT IS DETERMINED THAT LOWER MISS 4479'-82' IS NON-COMERCIAL

NOTE: - DECISION MADE TO LOWER TOOLS & RE-EVALUATE 4513'-17'.

10/19 CONT.

LOWER TOOLS, SET RBP - 4520', SET RTTS @ 4490'.

RE-EVALUATE LOWER MISS 4513'-17' AS FOLLOWS:

FOUND FLUID LEVEL @ 1100' FROM SURFACE.

SWAB 45 MINUTES, RECOVERED 13.68 BBLs, TRACE OIL, SLIGHT GAS BLOW.

1/2 HR. TEST - 2 RUNS, RECOVERED 7.41 BBLs, TRACE OIL, NO GAS.

NOTE: - IT IS DETERMINED THAT 4513'-17' IS NON-COMERCIAL

RELEASED PACKER, LATCH ONTO RBP, PULL 5 JTS. TBG.

SHUT DOWN FOR THE NIGHT.

10/20/96

COMANCHE WELL ON LOCATION, POOH - WITH TBG & TOOLS.

ELI WIRELINE ON LOCATION TO SET PLUG OVER LOWER MISS PERFS 4513'-17'

AND 4479'-82'.

SET CIBP - 4475'.

COMANCHE SWABBED WELL DRY TO CIBP @ 4475'

HALLIBURTON ON LOCATION TO SPOT ACID OVER PROPOSED PERF INTERVAL.

PUMPED 250 GALS 15% FE ACID VIA CSN WITH 6 BBLs FIELD BRINE ON TOP.

ELI ON LOCATION TO PERFORATE PROPOSED INTERVAL IN MISS THROUGH ACID.

PERFORATED LOWER MISS - 4459'-62' THROUGH ACID. WITH 4 SHOTS/FT.

HALLIBURTON RIGGED TO ACIDIZE 4459'-62'.

ACIDIZED MISS 4459'-62' AS FOLLOWS:

250 GALS 15% FE ACID (ON BOTTOM)

LOAD HOLE WITH 59 BBLs FIELD BRINE.

PRESSURED TO 1800 psi. IN INTERVALS, BLED BACK TO 900 psi.

START ACID @ 1/4 BPM - 900 psi TO 1200 psi TO 700 psi.

INCREASED RATE TO 1 BPM - 900 psi TO 400 psi.

INCREASED RATE SLOWLY TO 3 BPM - 200 psi.

ISIP - VAC, TTL LOAD - 79 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD & TEST.

SWAB TEST MISS 4459'-62' AS FOLLOWS:

FOUND FLUID LEVEL @ 500' FROM SURFACE.

SWAB WELL DOWN. RECOVERED 77.72 BBLs, NO SHOWS OIL, SLIGHT SHOW GAS.

1/2 HR. TEST - RECOVERED 8.12 BBLs, NO OIL SHOW, VERY SLIGHT GAS SHOW.

NOTE: - IT IS DETERMINED THAT 4459'-62' IS NON-COMERCIAL.

ELI ON LOCATION TO SET CIBP OVER 4459'-62'.

SET CIBP - 4454'

COMANCHE SWABBED WELL DRY.

HALLIBURTON PUMPED 250 GALS 15% FE ACID AND 6 BBLs WATER.

ELI RIGGED TO PERFORATE PROPOSED INTERVAL IN MISS THROUGH ACID.

PERFORATED MISS - 4428'-4434' WITH 4 SHOTS/FT. THROUGH ACID.

HALLIBURTON RIGGED TO ACIDIZE 4428'-34'.

ACIDIZED MISS 4428'-34' AS FOLLOWS:

250 GALS 15% FE ACID (ON BOTTOM)

LOADED HOLE WITH 59 BBLs FIELD BRINE

PRESSURED TO 900 psi, STARTED FEEDING. BROKE SLOWLY TO 200 psi.

DISPLACED ACID @ 2 BPM - 200 psi TO VAC. ISIP - VAC, TTL LOAD - 77 BBLs.

10/20/96 CONT.

COMANCHE RIGGED TO SWAB BACK ACID LOAD.

SWAB TEST MISS 4428'-34' AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 500' FROM SURFACE.

SWAB DOWN TO 2500', NO SHOWS GAS, RECOVERED 33 BBLs.
SHUT DOWN FOR THE NIGHT.

10/21/96

SICP - BLOW, FLUID LEVEL - 1000' DOWN, FREE OIL - 0'

SBHP - MISS 4428'-34' CALCULATES 1638 psi.

CONTINUE SWAB TESTING 4428'-34' AS FOLLOWS:

SWAB WELL DOWN RECOVERED 61.48 BBLs, NO SHOW OIL, SLIGHT GAS BLOW.

NOTE: - WE HAVE RECOVERED 94.48 BBLs OF 77 BBL ACID LOAD

1/2 HR. TEST - RECOVERED 3.48 BBLs, TRACE OIL, VERY SLIGHT SHOW GAS.

NOTE: - IT IS DETERMINED THAT MISS 4428'-34' IS NON-COMMERCIAL.

ELI ON LOCATION TO SET CIBP OVER MISS PERFS 4428'-34'.

SET CIBP - 4425'

COMANCHE SWABBED WELL DOWN TO 4425' TO DRY WELL UP.

HALLIBURTON ON LOCATION. PUMPED 250 GALS 15% FE ACID & 6 BBLs WATER.

ELI RIGGED TO PERFORATE UPPER MISS THROUGH ACID.

PERFORATED UPPER MISS - 4413'-16' WITH 4 SHOTS/FT. THROUGH ACID.

HALLIBURTON ON LOCATION TO ACIDIZE UPPER MISS 4413'-16'.

ACIDIZED UPPER MISS 4413'-16' AS FOLLOWS:

250 GALS 15% FE ACID (ON BOTTOM)

LOADED HOLE WITH 59 BBLs FIELD BRINE.

PRESSURED TO 400 psi, BLED OFF SLOWLY TO 100 psi.

START ACID @ .35 BPM @ 200 psi TO 450 psi TO 100 psi.

DISPLACED REMAINING ACID @ 1.5 BPM - 225 psi.

ISIP - VAC, TTL LOAD - 77 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD.

SWAB MISS 4413'-16' AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 500' FROM SURFACE.

SWAB WELL DOWN, RECOVERED 81.2 BBLs, NO SHOW OF OIL.

NOTE: - WE HAVE RECOVERED 4 BBLs OVER ACID LOAD @ THIS POINT

1/2 HR GAS TEST - LESS THAN 5 MCFPD.

1/2 HR. SWAB RUN - RECOVERED 3.48 BBLs, NO OIL.

1/2 HR. GAS TEST - LESS THAN 5 MCFPD

1/2 HR. SWAB RUN - RECOVERED 3.48 BBLs, NO OIL.

NOTE: - IT IS DETERMINED THAT UPPER MISS 4413'-16' IS ALSO NON-COMMERCIAL.

WILL PLUG WELL ASAP.

COMANCHE RIGGED DOWN & MOVED OFF LOCATION

END OF REPORT

BRAD SIROKY

FORM MUST BE TYPED

SIDE ONE

21310

ORIGINAL

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

API NO. 15- 077-210,310-0000

County HARPER

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/zip WICHITA, KANSAS 67208

Purchaser: PLUGGED

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist:

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW 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 PBSD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

09/24/96 09/30/96 10/21/96
Spud Date Date Reached TD Completion Date

Field Name

Producing Formation NA

Elevation: Ground 1330 KB 1338

Total Depth 4599' PBSD NA

Amount of Surface Pipe Set and Cemented at 229

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 **D4A, 3-25-98 U.C.**
(Data must be collected from the Reserve Pit)

Chloride content 3840 ppm Fluid volume 320 bbls

Dewatering method used: Evaporation and allow to dry restore area to near normal
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, 200 Colorado Building, 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 John S. Weir John S. Weir
Title President Date 3/1/97
Subscribed and sworn to before me this 1st of March 1997.
Notary Public Diana L. Richecky
Date Commission Expires Jan 2 2000

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 ACO-1 (7-91)

DIANA L. RICHECKY
Notary Public - State of Kansas
My Appt. Expires 1/2/2000

RECEIVED
KANSAS CORP COMM
MAR -3 P 1:57
1997

SIDE TWO

Operator Name Oil Producers, Inc. of Kansas Lease Name HARRISON Well # 1
 Sec. 15 Twp. 33S Rge. 6 East West
 County HARPER

ORIGINAL

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: Correlation Cement Bond Log
 Compensated Density Neutron Log
 Dual Induction Log, Geo Log

Name	Formation (Top), Depth and Datum	
	Top	Datum
Heebner	3173	-1835
Iatan	3536	-2198
Kansas City	3790	-2452
Mississippi	4410	-3072
LTD	4601	-3263

CASING RECORD <input type="checkbox"/> New <input checked="" 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 1/4"	8 5/8"	20	229	60 40 poz	160	2% gel, 3%cc
PRODUCTION		4 1/2"	10.5	4596	50 50 POZ	50	
					EA-2	100	5% cc 18% salt

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	Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
4 shots	see attached completion report		

TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
Date of First, Resumed Production, SWD or Inj. plugged after initial compl.				Producing Method			
Estimated Production	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
		<i>N-A</i>					Gravity

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 _____

1971 MAR - 3 P 1:57

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
104657	09/23/1999

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
HARRISON 1	HARPER	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	DUKE DRILLING	CEMENT SURFACE CASING	09/23/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
546989	JOHN J. ARMBRUSTER		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	1413

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
1318 E. FIRST STREET
PRATT, KS 67124

P.O. BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	2.99	418.60
		1	UNT		
001-016	CEMENTING CASING	229	FT	605.00	605.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8	5/8 IN	95.00	95.00
		1	EA		
504-138	CEMENT - 40/60 POZHIX STANDARD	160	SK	7.90	1,264.00
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	40.75	163.00
500-207	BULK SERVICE CHARGE	168	CFT	1.35	226.80
500-306	MILEAGE CMTG MAT DEL OR RETURN	488.985	TMI	1.05	513.43

INVOICE SUBTOTAL

3,285.83

DISCOUNT - (BID)

1,207.19

INVOICE BID AMOUNT

2,078.64

*- KANSAS STATE SALES TAX

70.25

*- PRATT COUNTY SALES TAX

14.33

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

62,163.22

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer shall be liable for 20% of the amount recovered, plus all collecting and court costs.



HALLIBURTON

HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 104657

FORM 1911 R-10

PRICE REFERENCE

SECONDARY REFERENCE/ PART NUMBER

ACCOUNTING LOC ACCT DF

MILEAGE CHARGE

TOTAL WEIGHT

LOADED MILES

SERVICE CHARGE

CUBIC FEET

TON MILES

DATE

UNIT PRICE

AMOUNT

CUSTOMER

DESCRIPTION

WELL

QTY. U/M

QTY. U/M

DATE

UNIT PRICE

AMOUNT

ORIGINAL

504-136
502-516

1080 202 W/270651
Carcum chloride .370

140.5K
1.5K

9.00
3005

1261.00
143.00

502-209
502-302

1
1

1300

120

168
185

285

135
105

22680
19345

No. B 338453

CONTINUATION TOTAL

216935



JOB LOG HAL-2013-C

CUSTOMER NL Prod. of 4s WELL NO. 1 LEASE Harrison JOB TYPE Cement TICKET NO. 104657

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							Called out
	1600							on location safety meeting Rig still drag.
								ORIGINAL
	1800							BREAK CIRC.
	1814							300LS H ₂ O AHEAD
	1817							MIXING CONT.
	1819	5	0				250 ^{AVG.}	PUMPING
	1827		37.05					FINISHED MIX SHUT DOWN SHUT IN RELEASE PLUG
	1828	2 6	0				200 ^{AVG.}	START DISP. (WASH UP ON PLUG) (CONT. RETURNS @ 2700-2800 DISP.) ✓
	1831		13.95					PLUG DOWN BY DISP.
	1832							SHUT IN
	1900							Rack up JOB CAMP.
	1915							OFF LOCATION

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
104660	09/30/1999

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
HARRISON, 1		HARPER		KS	SAHE
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		DURE DRILLING #2	CEMENT PRODUCTION CASING		09/30/1999
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
646989	BRAD SIROKY			COMPANY TRUCK	1436

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
1318 E. FIRST STREET
PRATT, KS 67124

DIRECT CORRESPONDENCE TO
P.O. BOX 428
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	140	MI	2.99	418.60
		1	UNT		
001-016	CEMENTING CASING	4598	FT	1,820.00	1,820.00
		1	UNT		
018-317	SUPER FLUSH	12	SK	100.00	1,200.00
018-303	CLAYFIX 11, PER GAL	2	GAL	28.00	56.00
26	INSERT VALVE F. S. - 4 1/2"	1	EA	285.00	285.00
847.6316					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	47.00	47.00
815.19113					
40	CENTRALIZER 4 1/2 X 7-7/8	5	EA	50.00	250.00
806.60004					
593	3-WIPER L-D PLUG - 4 1/2"	1	EA	159.00	159.00
801.0373					
594	4 1/2" LATCH DOWN BAFFLE	1	EA	100.00	100.00
801.03734					
504-130	CEMENT - 50/50 POZNIX STANDARD	50	SK	7.45	372.50
504-308	CEMENT - STANDARD	100	SK	9.57	957.00
508-291	GILSONITE BULK	500	LB	.40	200.00
508-127	CAL SEAL 60	5	SK	25.90	129.50
509-968	SALT	900	LB	.15	135.00
507-775	HALAD-322	70	LB	7.00	490.00
507-918	GASSTOP	25	LD	33.55	838.75
500-207	BULK SERVICE CHARGE	180	CFT	1.35	243.00
500-306	MILEAGE CMTG MAT DEL OR RETURN	541.485	TMI	1.05	568.56

INVOICE SUBTOTAL

8,269.91

DISCOUNT (BID)

2,315.56

INVOICE BID AMOUNT

5,954.35

***** CONTINUED ON NEXT PAGE *****

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CUSTOMER COPY

INVOICE



HALLIBURTON

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE NO.	DATE
104660	09/30/1999

WELL LEASE NO./PROJECT HARRISON 1		WELL/PROJECT LOCATION HARPER		STATE KS	OWNER SAME
SERVICE LOCATION PRATT	CONTRACTOR DUKE DRILLING #2	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 09/30/1999	
ACCT. NO. 646989	CUSTOMER AGENT BRAD SIROKY	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 1436

OIL PRODUCERS INC. OF KANSAS
C/O MR. BRAD SIROKY
1318 E. FIRST STREET
PRATT, KS 67124

DIRECT CORRESPONDENCE TO:
P O BOX 428
HAYS KS 67601
913-625-3471

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	*-KANSAS STATE SALES TAX				162.71
	*-PRATT COUNTY SALES TAX				33.40
INVOICE TOTAL					196.11
PLEASE PAY THIS AMOUNT					56,151.46

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HALLIBURTON ENERGY SERVICES

HAL-1906-P

CHARGE TO: Oil Products of Kansas
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

CUSTOMER COPY
 No. 104660 - 6
 TICKET

PAGE 1 OF 2

WELL/PROJECT NO. 1 LEASE HARRISON COUNTY/PARISH HARRIS STATE TX CITY/OFFSHORE LOCATION _____ DATE 9-30-96 OWNER Same

TICKET TYPE SERVICE JOB? YES NO CONTRACTOR DUCE DRILL RIG NAME/NO. 2 SHIPPED VIA WT DELIVERED TO WELL SITE ORDER NO. _____

SALES SALES WELL TYPE 01 WELL CATEGORY 01 JOB PURPOSE 035 WELL PERMIT NO. AP150772310000 WELL LOCATION 15-335-LW

REFERRAL LOCATION _____ INVOICE INSTRUCTIONS _____

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING LOC. ACCT.	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
000-117			MILEAGE ROUND TRIP TRK# 52504	140	MI.	1		2.99	418.60
001-016			Ramp Damage	6	HLB	4598	A.	1820.00	10820.00
018-317			SURFCE FLUSH	12	SKS			100.00	1200.00
018-303			CLAYFIX II	2	gal			2800	5600
018-303			4 1/2" INSERT FLOAT SHOE	1	EA.			28500	28500
27			AUTO FILL UP ASSM.	1	EA.			4700	4700
40			4 1/2" GEOTEARLICES	5	EA.			50100	250500
593			4 1/2" LATCH DOWN PLUG	1	EA.			159100	159100
594			4 1/2" LATCH DOWN Baffle	1	EA.			100.00	100.00

ORIGINAL

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 9-29-96 TIME SIGNED 2:40:00

A.M. P.M.

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

TYPE LOCK _____ DEPTH _____

BEAN SIZE _____ SPACERS _____

TYPE OF EQUALIZING SUB _____ CASING PRESSURE _____

TUBING SIZE _____ TUBING PRESSURE _____ WELL DEPTH _____

TREE CONNECTION _____ TYPE VALVE _____

SURVEY YES NO

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

do do not require IPC (Instrument Protection). Not offered

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) BRAD Dierley CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) [Signature] HALLIBURTON OPERATOR/ENGINEER M. S. Doherty EMP # 50848 HALLIBURTON APPROVAL [Signature]

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 8269.91

WELL DATA

FIELD _____ SEC. 15 TWP. 33 S. RING. 6 W. COUNTY HARPER STATE KS.

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	U	9.5	4.5	0	4598	72
LINER						
TUBING						
OPEN HOLE			7 7/8	KB	4599	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-29</u>	DATE <u>9-29</u>	DATE <u>9-30</u>	DATE <u>9-30</u>
TIME <u>2100</u>	TIME <u>24:00</u>	TIME <u>0400</u>	TIME <u>0600</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>LATCH DOWN BAFFLE</u>	<u>1</u>	<u>H.E.S.</u>
FLOAT SHOE <u>AUTO FILL UP</u>	<u>1</u>	<u>H.E.S.</u>
GUIDE SHOE <u>1" SECT FLOAT SHOE</u>	<u>1</u>	<u>H.E.S.</u>
CENTRALIZERS	<u>5</u>	
BOTTOM PLUG		
TOP PLUG <u>LATCH DOWN</u>	<u>1</u>	<u>H.E.S.</u>
HEAD <u>P.C.</u>	<u>1</u>	<u>H.E.S.</u>
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
ORIGINAL		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 ACID TYPE _____ GAL. _____ %
 SURFACTANT TYPE _____ GAL. _____ IN
 NE AGENT TYPE _____ GAL. _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER 2 gal. HALLIFIX II

DEPARTMENT CEMENT
 DESCRIPTION OF JOB CMT. 7 1/2" 4 1/2" 2200. CSB.
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
 CUSTOMER REPRESENTATIVE X
 HALLIBURTON OPERATOR M.F. Polyan COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>50</u>	<u>50 PCE</u>	<u>50 STD.</u>		<u>2% G.E.C.</u>	<u>1.28</u>	<u>13.78</u>
	<u>100</u>	<u>EA 2</u>			<u>5% CALSEAL 18% SACT 0.75% HALLIFIX 32 5% GILSONITE</u>	<u>1.38</u>	<u>15.4</u>
					<u>CASSTOP IN LAST 50 SCS.</u>		

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 33.28 REASON LATCH DOWN BAFFLE

SUMMARY

PRESLUSH: BBL.-GAL. 20 TYPE 1150 SUPPLERUSH
 LOAD & SHDN: BBL.-GAL. 3 1/2 H₂O SPACES
 TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. 74.4
 CEMENT SLURRY: BBL.-GAL. 11.4 + 24.58
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

CUSTOMER: PRAT 45
 LEASE: HALLIBURTON
 WELL NO: 1
 JOB TYPE: CEMENT
 DATE: 9-30-96

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.	LEASE	JOB TYPE		TICKET NO.	
OIL PROD. of Ks.		1	Harrison	Cement		104660	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					TUBING	CASING	
	2100						CALLED OUT
	2400						ON LOCATION
							R.G LAYING DOWN D.P.
	0100						START CSG.
							INSERT FLOAT GUIDE SHAFT, LATCH DOWN
							BAFFLE, CENTRALIZERS ON COLLARS
							1-4-6-8-10
	0325						BLEAK CURC. ORIGINAL
	0403	6	0				Run Preflush
			20			350 ^{AVG.}	20 BBLs CLAYFIX H ₂ O
			23				3 BBLs H ₂ O SPACER
			35			275 ^{AVG.}	12 BBLs SUPER FLUSH
			38				3 BBLs H ₂ O SPACER
			0				MIXING CNT.
	0423		2				PLUG MOUSE HOLE
	0425		3				PLUG RAT HOLE
	0430	5				350 ^{AVG.}	PUMPING DOWN CSG.
			35.78				FINISHED MIX SITUT IN
							FLUSH LINES RELEASE PLUG
		5 1/2	0			0	START DIST.
						300	
		1	48			300	
		2	70			500	
			72.3			1150	PLUG DOWN
							RELEASED
							WASH UP
							PACK UP
	0600						JOB COMP
	0620						OFF LOCATION