

ORIGINAL

ORIGINAL

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: NA

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: MALLARD JV, INC.

License: 4958

Wellsite Geologist: WILLIAM SHEPHERD

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. \_\_\_\_\_

11/23/98 \_\_\_\_\_ 11/30/98 \_\_\_\_\_ NA \_\_\_\_\_

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date \_\_\_\_\_

SIDE ONE

API NO. 15- 145-21458-0000

County PAWNEE

E  
- E/2- E/2- SE Sec. 3 Twp. 23 Rge. 16 X W

1320 Feet from S (circle one) Line of Section

330 Feet from E (circle one) Line of Section

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

Lease Name RICHARDS Well # 1

Field Name ZOOK

Producing Formation NA

Elevation: Ground 2043 KB 2048

Total Depth 4100' PBTD NA

Amount of Surface Pipe Set and Cemented at 298

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 DFA-12-16-98 UC  
(Data must be collected from the Reserve Pit)

Chloride content 38000 ppm Fluid volume 600 bbls

Dewatering method used: DRY AND RESTORE 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 Derby 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 12/10/98

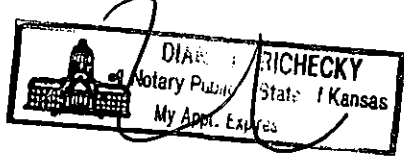
Subscribed and sworn to before me this 10th of Dec 19 98.

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  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-91)



CONSERVATION DIVISION  
Wichita, Kansas  
DEC 11 1998

Operator Name Oil Producers, Inc. of Kansas Lease Name RICHARDS Well # 1  
 SIDE TWO  
 Sec. 3 Twp. 23S Rge. 16  East  West  
 County PAWNEE

**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: GEOLOGICAL LOG, GAMMA RAY  
CORRELATION CEMENT BOND LOG  
GAMMA RAY NEUTRON/CCL LOG

Log		Formation (Top), Depth and Datums		Sample
Name	Top		Datum	
HEEBNER	3476'			-1463'
BROWN LIME	3613'			-1580'
LANSING KANSAS CITY	3619'			-1586'
CONG. ER. VIOLA	4001'			-1968'
VIOLA	4021'			-1988'
SIMPSON	4088'			-2055'
RTD	4100'			-2067'

**ORIGINAL**

**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"	28#	298	60 40 POZ	210	3% CC, 2% gel

**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
	see attached initial completion report	

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj.	Producing Method	X	Flowing	Pumping	Gas Lift	Other (Explain)	Gravity
Estimated Production NA PLUGGED	Oil Bbls.	Gas mcfpd	Water BWPD	Bbls.	Gas-Oil Ratio		

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) \_\_\_\_\_

ORIGINAL

**MALLARD JV, Inc.**  
DRILLING CONTRACTORS

P. O. Box 1009  
McPHERSON, KS 67460 316-241-4640

**Drillers Log**

ORIGINAL

OPERATOR: **Oil Producers, Inc. of Kansas**  
P. O. Box 8647  
Wichita, KS 67208

WELL: **Richards #1**

API #: 15-145-21458-0000

COMMENCED: October 29, 1998

LOCATION: E/2 E/2 SE

1320' FSL, 330' FEL

COMPLETED: November 3, 1998

Section 3, Township 23 S, Range 16 W  
Pawnee County, KS

TOTAL DEPTH: 4100'

ELEVATION: 2028' GL, 2033' KB

STATUS: Set Casing - Conglomerate Formation

SPUD: 6:45 pm 10/29/98

SIZE HOLE DRILLED: 12-1/4" x 298'

SURFACE CASING SIZE: 8-5/8" x 28# x 288' (7 jts.)

SET AT: 298'

CEMENT: 210 sacks 60/40 Pozmix, 3% gel, 2% cc

SIZE HOLE DRILLED: 7-7/8" x 4100' RTD

PRODUCTION CASING: 4-1/2" x 10.5# x 4099' (97 jts.)

SET AT: 4099'

CEMENT: 15 sacks 60/40 Pozmix and 100 sacks EA-2

PD: 5:30 am 11/3/98

DRILL STEM TESTS: None

ELECTRIC LOG: None

CONSERVATION DIVISION  
Wichita, Kansas

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OIL PRODUCERS INC. OF KS  
INITIAL COMPLETION REPORT

WELL - RICHARDS

LEGAL - E/2 E/2 SE/4 OF 3-23s-16w IN PAWNEE CO KS.

API# - 15-145-21,458

G.L. - 2043'

K.R. - 5' ABOVE G.L. @ 2048'

SURFACE CSN - 8 5/8" @ 298' WITH 210 SX

RTD - 4100'

PRODUCTION CSN - 4 1/2", 10.5# @ 4099' WITH 100 SX A-2

TOP OF CEMENT - 3514' WITH EXCELLENT CEMENT BONDING

PBTD - 4057' (ELI 12/1/98)

PERFORATIONS - CONGLOMERATE-----4011'-4017' 2 SHOTS/FT. 12/2/98  
VIOLA-----4020'-4040' 1 SHOT /FT. 12/2/98

ACID - 2000 GALS 15% DSFE WITH 48 BALL SEALERS @ 5 BPM - 650 psi

FRAC - 39,650 GALS DELTA FRAC WITH 62,000# SAND @ 25 BPM - 1200 psi

TUBING RAN - NONE

TUBING SET@ - NONE

AVERAGE TBG IT. - NONE

PUMP RAN - NONE

RODS RAN - NONE

PUMP SET @ - NONE

PUMPING UNIT - NONE

ENGINE - NONE

SURFACE EQUIPMENT - NONE

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12/1/98

KIOWA WELL SERVICE ON LOCATION, RIGGED UP D-D DERRICK.  
ELI WIRELINE ON LOCATION TO RUN GAMMA RAY, NEUTRON, CORRELATION, & SONIC CEMENT BOND LOG.

FOUND TOTAL DEPTH - 4057' (THIS IS 8' HIGH TO TOP OF INSERT @ 4065')  
FOUND TOP OF CEMENT - 3514' (WITH EXCELLENT CEMENT BONDING.)  
SHUT DOWN FOR THE NIGHT.

12/2/98

KIOWA SWABBED 4 1/2" CASING DOWN TO 3500'.  
ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED INTERVALS IN CONGLOMERATE & VIOLA.

PERFORATED VIOLA 4020'-4040' WITH 1 SHOT/FT. USING EXPENDABLE CASING GUN.  
PERFORATED CONGL. 4011'-4017' WITH 2 SHOT/FT. USING EXPENDABLE CASING GUN.  
FOUND TOTAL DEPTH - 4057'

KIOWA SWABBED WELL DOWN TO TTL DEPTH OF 4057'.  
1/4 HR. NATURAL TEST - RECOVERED NO FLUID OR GAS.

HALLIBURTON ON LOCATION TO ACIDIZE VIOLA AND CONGLOMERATE PERFORATIONS WITH 2000 GALS 15% DSFE ACID AND 48 BALL SEALERS.

ACIDIZE VIOLA AND CONGLOMERATE AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.  
PUMP 1500 GALS 15% DSFE ACID WITH 1 BALL/ 33 GALS.  
LOAD HOLE WITH 16 BBLs. PRESSURE TO 1700 psi, BROKE BACK.  
DISPLACED 500 GALS @ 5 BPM - 1000 psi TO 850 psi.  
DISPLACED 1500 GALS @ 5 BPM - 850 psi TO 600 psi.  
NOTE: - (HAD VERY LITTLE BALL ACTION.)  
SIP - 450 psi, 10 MIN SIP - 175 psi.  
TOTAL LOAD - 112 BBLs.

KIOWA RIGGED TO SWAB BACK ACID LOAD AND TEST VIOLA AND CONGLOMERATE AFTER ACID.

TEST VIOLA AND CONGLOMERATE PERFS AFTER ACID AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 70.76 BBLs, NO SHOWS OF OIL OR GAS.  
1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL OR GAS.  
1 HR. TEST - RECOVERED 1.16 BBLs, TRACE OIL, NO SHOW GAS.

GABEL LEASE SERVICE ON LOCATION, DELIVERED 130 JTS. 2 3/8" TUBING (APPROX 3900') AND 160 - 3/4" RODS (4000') ALL FROM OPIK STOCK (SHERTZ LEASE)  
SHUT DOWN FOR THE NIGHT.

12/3/98

SICP - LIGHT BLOW, OVERNIGHT FLUID FILL-UP - 73' WATER.  
SWAB WELL DOWN. RECOVERED 1.16 BBLs.  
1 HR. TEST - RECOVERED 1.16 BBLs, TRACE OIL, NO GAS.  
SHUT DOWN WAITING ON FRAC CREW.

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Wichita Kansas

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12/4/98**SICP - LIGHT BLOW.**

HALLIBURTON ON LOCATION TO FRAC VIOLA &amp; CONGLOMERATE PERFS WITH 39,650 GALS 25# DELTA-FRAC AND 62,000# SAND.

**FRAC VIOLA AND CONGLOMERATE AS FOLLOWS:**

PUMP 4000 GALS 25# DELTA FRAC PAD 25 BPM - 1500 psi.  
 PUMP 4000# 100 MESH SAND @ 1 PPG (4000 GALS) 25 BPM - 1250 psi.  
 PUMP 6000 GALS 25# DELTA FRAC PAD 25 BPM - 1370 psi.  
 PUMP 4000# 20/40 SAND @ 1 PPG (4000 GALS) 25 BPM - 1265 psi.  
 PUMP 8000# 20/40 SAND @ 2 PPG (4000 GALS) 25 BPM - 1195 psi.  
 PUMP 15,000# 20/40 SAND @ 3 PPG (5000 GALS) 25 BPM - 1140 psi.  
 PUMP 15,000# 12/20 SAND @ 3 PPG (5000 GALS) 24 BPM - 1200 psi.  
 PUMP 20,000# 12/20 SAND @ 4 PPG (5000 GALS) 24 BPM - 1225 psi.  
 FLUSH SAND WITH 2650 GALS WATER FRAC 24 BPM - 1450 psi.  
SIP - 1000 psi, 5 MIN SIP - 818 psi, 10 MIN SIP - 693 psi, 15 MIN SIP - 615 psi.  
TOTAL LOAD - 39,650 GALS (944 BBLs)  
TOTAL SAND - 62,000# (27,000# 20/40 AND 35,000# 12.20)  
 SHUT DOWN FOR THE NIGHT.

12/5/98**SICP - 0 psi, FLUID LEVEL - 3300' DOWN.****SBHP - CALCULATES 339 psi.**

KIOWA RIGGED TO SWAB BACK FRAC LOAD &amp; TEST VIOLA AND CONGLOMERATE AFTER FRAC.

**TEST VIOLA AND CONGLOMERATE AFTER FRAC AS FOLLOWS:**

SWAB WELL DOWN, RECOVERED 27.84 BBLs, NO SHOWS OF OIL OR GAS.

1 HR. TEST - RECOVERED 3.48 BBLs, NO SHOWS OIL OR GAS, 2 SWAB RUNS.1 HR. TEST - RECOVERED 2.90 BBLs, NO SHOWS OIL OR GAS, 2 SWAB RUNS.1 HR. TEST - RECOVERED 2.90 BBLs, NO SHOWS OIL OR GAS, 2 SWAB RUNS.1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, VERY SLIGHT GAS, 2 SWAB RUNS.1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, VERY SLIGHT GAS, 2 SWAB RUNS.1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, VERY SLIGHT GAS, 2 SWAB RUNS.

SHUT DOWN FOR THE WEEKEND.

12/7/98**SICP - 60 psi, FLUID LEVEL - 3500' DOWN.****SBHP - CALCULATES 311 psi.****CONTINUE TESTING VIOLA AND CONGLOMERATE AFTER FRAC AS FOLLOWS:**

SWAB WELL DOWN, RECOVERED 10.20 BBLs.

1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, LIGHT GAS BLOW.1 HR. TEST - RECOVERED 2.90 BBLs, NO SHOW OIL, LIGHT GAS BLOW.1 HR. TEST - RECOVERED 1.74 BBLs, NO SHOW OIL, LIGHT GAS BLOW.1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, LIGHT GAS BLOW.1 HR. TEST - RECOVERED 1.74 BBLs, NO SHOW OIL, LIGHT GAS BLOW.1 HR. TEST - RECOVERED 1.74 BBLs, NO SHOW OIL, TEST GAS @ 15 MCFFD.1 HR. TEST - RECOVERED 2.32 BBLs, NO SHOW OIL, TEST GAS @ 17 MCFFD.1 HR. TEST - RECOVERED 1.74 BBLs, NO SHOW OIL, TEST GAS @ 17 MCFFD.**NOTE: - (WE HAVE RECOVERED 71.10 BBLs OF 944 BBL FRAC LOAD @ THIS POINT, 7%)**

SHUT DOWN FOR THE NIGHT.

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Wichita, Kansas

DEC 11 1998

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12/8/98

SICP - 100 psi, FLUID LEVEL - 3500' DOWN, SBHP - CALCULATES - 355 psi.

CONTINUE SWAB TESTING VIOLA & CONGLOMERATE AFTER FRAC AS FOLLOWS:

SWAB WELL DOWN. RECOVERED 8.14 BBLs.

- 1 HR. TEST - RECOVERED 2.32 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 3.48 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 2.32 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 1.16 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 1.16 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 1.16 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 1.16 BBLs WATER, TEST GAS @ 18 MCFPD.
- 1 HR. TEST - RECOVERED 1.16 BBLs WATER, TEST GAS @ 18 MCFPD.

SHUT DOWN FOR THE NIGHT.

12/9/98

SICP - 80 psi, FLUID LEVEL - 3475' DOWN, SBHP - CALCULATES 344 psi.

SWAB WELL DOWN & RECOVERED 9.28 BBLs.

**NOTE:** IT IS DETERMINED THAT WELL IS NON-COMMERCIAL, DECISION MADE TO ABANDON COMPLETION ATTEMPT. WE WILL PULL CASING AND PLUG WELL ASAP.

KIOWA WELL SERVICE RIGGED DOWN & MOVED OFF LOCATION.

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STATE CORPORATION COMMISSION

DEC 11 1998

CONSERVATION DIVISION  
Wichita Kansas

# ALLIED CEMENTING CO., INC.

7788 ORIGINAL

Federal Tax I.D.# 48-0727860

REMIT TO: P.O. BOX 31, RUSSELL, KANSAS 67665 SERVICE POINT: At Bend

DATE: <u>10-29-98</u>	SEC: <u>3</u>	TWP: <u>23</u>	RANGE: <u>16</u>	CALLED OUT: <u>7:00 PM</u>	ON LOCATION: <u>8:30 PM</u>	JOB START: <u>10:50 PM</u>	JOB FINISH: <u>11:30 PM</u>
LEASE: <u>Rudenda</u>	WELL #:	LOCATION: <u>homed - W.S., 2E, 14N, W/S</u>			COUNTY: <u>Lawrence</u>	STATE: <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR: Mollan OWNER: Same

TYPE OF JOB: Spud  
 HOLE SIZE: 12 1/4" T.D.: 298' CEMENT:  
 CASING SIZE: 8 5/8" DEPTH: 298' AMOUNT ORDERED: 210 sh 60/40 3% cc  
 TUBING SIZE: DEPTH: 2% H<sub>2</sub>O  
 DRILL PIPE: DEPTH:

TOOL: _____	DEPTH: _____	COMMON: <u>126</u>	@ <u>6.35</u>	<u>800.10</u>
PRES. MAX: _____	MINIMUM: _____	POZMIX: <u>84</u>	@ <u>8.25</u>	<u>273.00</u>
MEAS. LINE: _____	SHOE JOINT: _____	GEL: <u>4</u>	@ <u>9.50</u>	<u>38.00</u>
CEMENT LEFT IN CSG: <u>15'</u>		CHLORIDE: <u>6</u>	@ <u>28.00</u>	<u>168.00</u>
PERFS: _____				
DISPLACEMENT: <u>17 1/2 bbls</u>				

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EQUIPMENT				
PUMP TRUCK # <u>181</u>	CEMENTER: <u>Tim</u>	HANDLING: <u>210</u>	@ <u>1.05</u>	<u>220.50</u>
BULK TRUCK # <u>342</u>	HELPER: <u>Bob B</u>	MILEAGE: <u>30</u>	@ <u>8.75</u>	<u>262.50</u>
BULK TRUCK # _____	DRIVER: <u>Rush W</u>			
BULK TRUCK # _____	DRIVER: _____			
		TOTAL: <u>\$1751.60</u>		

REMARKS: Run 298' of 8 5/8" casing. Casing circulates. Mined 210 sh 60/40 3% cc, 2% H<sub>2</sub>O. Released plug. Displaced with fresh water.

DEPTH OF JOB: <u>298'</u>	
PUMP TRUCK CHARGE: <u>470.00</u>	
EXTRA FOOTAGE: _____	
MILEAGE: <u>30</u>	@ <u>2.85</u> = <u>85.50</u>
PLUG: <u>1-8 5/8" wooden</u>	@ <u>45.00</u> = <u>45.00</u>
Cement did circulate	
TOTAL: <u>\$1600.50</u>	

CHARGE TO: Oil Producers Inc. of KS  
 STREET: P.O. Box 81647  
 CITY: Wichita STATE: Ks ZIP: 67208

To Allied Cementing Co., Inc. or its agent in fact or in law, you are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX: \_\_\_\_\_  
 TOTAL CHARGE: \$2,235.10  
 DISCOUNT: \$352.82 IF PAID IN 30 DAYS

SIGNATURE: [Signature] Lyle J. JENSEN  
 PRINTED NAME: Lyle J. JENSEN  
 Net \$1999.28



CUSTOMER COPY



ORIGINAL

REMIT TO:  
 P.O. BOX 951046  
 DALLAS, TX 75395-1046  
 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES

(A Division of Halliburton Company)

INVOICE NO.	DATE
460012	11/04/1998

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
RICHARDS 1		PAWNEE		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
RATT		MALLARD DRILLING	SHOWN BELOW		11/04/1998
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
46989	SHANE SUMMERS			COMPANY TRUCK	48274

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS  
 C/O MR. BRAD SIROKY  
 1003 S. PEARL  
 PRATT, KS 67124-6195

P O BOX 963  
 PRATT KS 67124  
 316-672-5593

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 IUC  
 COMPANY  
 PRODUCTION*

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
RICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT PRODUCTION CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	92 MI		3.65	335.80
		1 UNT			
000-119	MILEAGE FOR CREW	92 MI		2.15	N/C
		1 UNT			
001-016	CEMENTING CASING	4100 FT		2,181.00	2,181.00
		1 UNT			
26	INSERT VALVE, F. S. - 4 1/2"	1 EA		339.00	339.00
847.6316					
594	4 1/2" LATCH DOWN BAFFLE	1 EA		116.00	116.00
801.03734					
593	3-WIPER L-D PLUG - 4 1/2"	1 EA		184.00	184.00
801.0373					
40	CENTRALIZER 4-1/2 X 7-7/8	4 EA		59.00	236.00
806.60004					
018-315	MUD FLUSH	500 GAL		.80	400.00
018-303	CLAYFIX II, PER GAL	2 GAL		33.95	67.90
27	FILL-UP UNIT 4 1/2"-5"	1 EA		60.00	60.00
815.19113					
504-308	CEMENT - STANDARD	100 SK		12.13	1,213.00
504-130	CEMENT - 50/50 POZMIK STANDARD	35 SK		8.23	288.05
507-918	GASSTOP	25 LB		41.30	1,032.50
507-775	HALAD-322	71 LB		7.70	546.70
509-968	SALT	950 LB		.18	171.00
507-970	D-AIR 1, POWDER	25 LB		4.27	106.75
508-291	GILSONITE BULK	500 LB		.58	290.00
508-127	CAL SEAL 60	5 SK		28.00	140.00
500-207	BULK SERVICE CHARGE	166 CFT		1.66	275.56
500-306	MILEAGE CMTG MAT DEL OR RETURN	331.48 TMI		1.25	414.35

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

AFFIX JOB TKT

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 agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

ORDER NO. 10900

PAGE 1



REMIT TO:  
 BOX 951046  
 DALLAS, TX 75395-1046  
 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES  
 A Division of Halliburton Company

INVOICE NO.	DATE
460012	11/04/1998

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	LESSOR
RICHARDS 1	PAWNEE	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	MALLARD DRILLING	SHOWN BELOW	11/04/1998
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
46989	SHANE SUMMERS		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	48274

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS, INC. OF KANSAS  
 C/O MR. BRAD SIROKY  
 1003 S. PEARL  
 PRATT, KS 67124-8195

P O BOX 963  
 PRATT KS 67124  
 316-672-5593

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	JOB PURPOSE SUBTOTAL				8,397.61
	INVOICE SUBTOTAL				8,397.61
	DISCOUNT - (BID)				2,603.21-
	INVOICE BID AMOUNT				5,794.40
	*- KANSAS STATE SALES TAX				177.22
	*- PRATT COUNTY SALES TAX				36.17
<b>INVOICE TOTAL - PLEASE PAY THIS AMOUNT</b>					<b>66,007.29</b>

AFFIX JOB TRK

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 agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



CUSTOMER COPY  
**ORIGINAL**  
 No. **460012**  
 TICKET  
 PAGE 1 OF 1

**PRODUCTION INC. OF KANSAS**  
**PRADA 15 67124 8195**  
**Richardson**  
**PARVICE**  
**11-4-98**  
**OWNER SAME**  
**3-235-16w**

JOB PURPOSE	PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING	DESCRIPTION	QTY.	UM.	QTY.	UM.	UNIT PRICE	AMOUNT
	000-117			MILEAGE	92	ML			3.62	335.80
	000-119			MILEAGE	92	ML	2.75		0.6	55.20
	001-014			PUMP CHARGES	6	HR	4100		21.81	130.86
	26	81724316		INSECT SOAP 31oz 4 1/2"	1	EA			339.00	339.00
	394	80103734		LATCH DOWN BATTLE 4 1/2"	1	EA			176.00	176.00
	393	80103733		LATCH DOWN PLUG 4 1/2"	1	EA			84.00	84.00
	40	80060004		4 1/2" CENTRALIZER	4	EA			59.00	236.00
	018-35			MUD FLUSH	500				80	400.00
	018-303			CHARTER #	2				33.95	67.90
	027	81519113		AUTO FILL UP	1				60.00	60.00
				Bulk TRK. # 100496						447.791

**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.

DATE SIGNED: **11-4-98** TIME SIGNED: **02:50**

**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): **Michael J. Polyan**  
 CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): *[Signature]*  
 HALLIBURTON OPERATOR/ENGINEER: **50848**  
 HALLIBURTON APPROVAL: *[Signature]*

ORIGINAL



HALLIBURTON

Halliburton Energy Services

ORIGINAL

DATE: 11-03-1998

TIME: 16:51:40

SERVICE TICKET: 460012

PRATT-25555

BULK TICKET ONLY: 100496

JOB PURPOSE: LONG STRING

COMPANY TRUCK: :52530 DRIVER: B. JOHNSON

CUSTOMER: OIL PRODUCERS OF KANSAS LEASE & WELL#: RICHARDS #1

504-308	STANDARD CEMENT	100	SKS.	12.13	1213.00
504-130	POZMIX-A CEMENT	35	SKS.	8.23	288.05
507-918	GASSTOP	25	LBS.	41.30	1032.50
507-775	HALAD-322	71	LBS.	7.70	546.70
509-968	W/W SALT	950	LBS.	0.18	171.00
507-970	D-AIR	25	LBS.	4.27	106.75
508-291	GILSONITE	500	LBS.	0.58	290.00
508-127	EA-2	5	SKS.	28.00	140.00
500-207	SERVICE CHARGES	166	CU FT	1.66	275.56
					TOTAL 4063.56
500-306	WEIGHT: 14412	MILES: 46	TON MILES: 331.48	1.25	414.35
					TOTAL BOOK PRICE OF BULK TICKET: \$ 4477.91

CONSERVATION DIVISION  
Wichita, Kansas

DEC 11 1998

STATE OF KANSAS  
RECEIVED  
CONSERVATION DIVISION

500-225 RETURN SERVICE CHARGES \_\_\_\_\_ CU FT 1.66

500-306 WEIGHT: \_\_\_\_\_ RETURN MILES: 46 TON MILES: \_\_\_\_\_ 1.25

**JOB LOG** 4239-5

TICKET #	TICKET DATE
40312	11-4-98
REGION	North America
NWA/COUNTRY	USA
BDA / STATE	TX
COUNTY	WALLACE
MBU ID / EMP #	EMPLOYEE NAME
3711 30043	WILLIAM R. JONES
LOCATION	COMPANY
11-4-98	IS
TICKET AMOUNT	WELL TYPE
8397.61	21
WELL LOCATION	DEPARTMENT
LEASE / WELL #	SEC / TWP / RNG
	223-1001

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
WILLIAM R. JONES	6	WILLIAM R. JONES	6	WILLIAM R. JONES	6		

**ORIGINAL**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				ST	C	Tbg	Csg	
	2230							7 CALLED OUT 11-3-98
	00:10							ON LOCATION 11-4-98 (SOUTH MEET (NEW))
								SET UP Pump EQUIP
	0200							RUN CSG - INSERT FLOAT SHAFT. LATCH DOWN
								BAFFLE TUBING FEDERALIZERS ON COLLARS
								1-35.5-7
	0430							BLEAK CORE
	0445					425		Pump Pre-Flush
								20 BBLS PLASTER II #0
								12 BBLS MUD FLUSH
								3 BBLS SPALL
	0455							MIXING CONT
		4						PLUG RATHOLE
		2						PLUG MOUSE HOLE
	0503	6				250		Pump/Cnt. Down CSG.
	0512		30			200		FINISHED CNT.
	0515							SHUT IN WELL FLUSH LINES
								RELEASE PLUG
	0515	7	0			125		START DROP.
	0522		61					SLOW RATE
	0535		65 1/2			1150		PLUG DOWN
								0 RELEASE & HOLD
								WASH UP
								PACK UP
								SOB Complete

CHIEF OPERATOR  
 JERRY L. KENNEDY  
 NOV 11 1998  
 RECEIVED  
 OPERATIONAL CONTROL SECTION