

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 8061  
Name: Oil Producers Inc. of Kansas  
Address: 1710 Waterfront Parkway  
City/State/Zip: Wichita, KS 67206  
Purchaser: Lumen Midstream Partnership, LLC  
Operator Contact Person: Lori Zehr  
Phone: (316) 681-0231  
Contractor: Name: Mallard JV, Inc.  
License: 4958  
Wellsite Geologist: Beth A. Isern

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/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

10/30/2007      11/6/2007      1/7/2008  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 145-21562-00-00  
County: Pawnee  
S2 - SW Sec. 26 Twp. 22S S. R. 16  East  West  
660 feet from (S) / N (circle one) Line of Section  
3960 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Kachelman Well #: 2  
Field Name: Zook

Producing Formation: Conglomerate  
Elevation: Ground: 2026 Kelly Bushing: 2031  
Total Depth: 4100 Plug Back Total Depth: 4066  
Amount of Surface Pipe Set and Cemented at 267 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ Alt I - Dlg - 7/2/08 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 35,840 ppm Fluid volume 320 bbls  
Dewatering method used Hauled to SWD  
Location of fluid disposal if hauled offsite:  
Operator Name: Oil Producers Inc. of Kansas  
Lease Name: Palmitier SWD License No.: 8061  
Quarter SW Sec. 16 Twp. 25 S. R. 16 East  West  
County: Edwards Docket No.: D-20983

**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 of 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: [Signature]  
Title: President Date: 6/10/2008  
Subscribed and sworn to before me this 10th day of June  
19 2008.  
Notary Public: Lori A. Zehr  
Date Commission Expires: May 5, 2010

**LORI A. ZEHR**  
Notary Public - State of Kansas  
My Appt. Expires 5/5/10

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution  
**JUN 12 2008**

Operator Name: Oil Producers Inc. of Kansas Lease Name: Kachelman Well #: 2  
 Sec. 26 Twp. 22S S. R. 16 East  West County: Pawnee

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Dual Receiver Cement Bond Log, Dual Induction Log, Compensated Density/Neutron PE Log, Micro Log, Sonic Log, Geological Report.

Log Formation (Top), Depth and Datum Sample  
 Name Top Datum

See Note #1

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CASING RECORD <span style="float: right;">New Used</span>							
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		8 5/8	24#	267	60/40 Poz	225	2%gel,3%cc
Production		4 1/2	10.5#	4080	AA-2	125	

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
	See Initial Completion Report		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4040	N/A	Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
1/9/2008	Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <input type="checkbox"/>

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		10			

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

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

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

**Attachment 1 – Kachelman #2**

**Note #1:**

**Log Formation (Top), Depth and Datum**

<b>Name</b>	<b>Top</b>	<b>Datum</b>
Winfield	2075	-42
Heebner	3500	-1467
Lansing	3626	-1593
Base KC	3874	-1841
Miss. Chert	3989	-1956
Viola	4024	-1991
Arbuckle	4073	-2040
RTD	4100	

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**OIL PRODUCERS INC, OF KANSAS**  
**Initial Completion Report**

**WELL-** KACHELMAN #2

**LEGAL-** 660' FSL AND 3960' FEL IN SEC. 26-22s-16w IN PAWNEE CO. KS.

**API#-** 15-145-21,562

**GROUND ELEV.-** 2026'

**K.B.-** 5' ABOVE G.L. @ 2031'

**SURFACE CSN-** 8 5/8", 24# SET @ 267' WITH 225 SX.

**RTD-** 4100'

**LTD-** 4100' (SUPERIOR 11/5/07)

**PRODUCTION CSN-** 4 1/2", 10.5# @ 4080'

**PRODUCTION CSN CEMENT-** 125 SX AA-2 WITH GAS STOP.

**DV TOOL-** NONE

**TWO STAGE CEMENT-** NONE

**TOP OF CEMENT-** 3350' WITH EXCELLENT CEMENT BONDING.

**PBTD-** 4066 (SUPERIOR 11/15/07), 4061 (BY TBG TALLY 11/27/07)

**CIBP-** NONE

<b>PERFORATIONS-</b>	CONGLOMERATE	3991' - 3994'	4/FT	11/15/07
	CONGLOMERATE	3997' - 3999'	4/FT	11/15/07
	CONGLOMERATE	4002' - 4007'	4/FT	11/15/07

**COMPLETION DATE-** 11/07

**TUBING IN HOLE-** 15' MA, SN, 129 JTS. NEW 2 3/8" TUBING.

**PACKER@-** NONE

**TBG ANCHOR @** NONE

**TUBING SET @-** 4040' (SET 21' OFF BOTTOM 11/27/07)

**AVERAGE TBG JT-** 31.19'

**PUMP RAN-** 2" X 1 1/2" X 12' RWBC WITH 6' GAS ANCHOR

**RODS RAN-** PUMP, 2', 159 - 3/4" RODS, 2', 1 1/2" X 16' POLISHED ROD.

**PUMP SET @-** 4025'

**PUMPING UNIT-** SPEED KING 114, LOW PROFILE,

**PRIME MOVER-** CONTINENTAL C-66

**GAS SEPARATOR-** 30" X 10' VERTICAL DUMP.

**LINE HEATER-** NONE

**GUN BBL-** NONE

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HEATER TREATER- NONE

FWKO- NONE

STOCK TANKS- NONE

WATER TANKS- 10' X 12' 200 BBL FI BERGLASS WATER TANK.

S.W. PUMP- NONE

METER RUN- LUMEN ENERGY

GAS PIPELINE- LUMEN ENERGY

WATER DIPOSAL- HAUL

11/15/07

ALLIANCE WELL SERVICE ON LOCATION, RIG UP D-T DERRICK.

SUPERIOR WELL SERVICE ON LOCATION TO RUN CORRELATION AND SONIC CEMENT BOND LOG.

FOUND TTL DEPTH - 4066' (THIS IS 6' LOW TO INDICATED TOP OF INSERT, CASING MUST BE SET @ LEAST 6' LOWER THAN INDICATED.)

FOUND TOP OF CEMENT - 3350' WITH EXCELLENT CEMENT BONDING.

ALLIANCE RIGGED UP 4 1/2" CASING SWAB.

SWAB FRESH WATER FROM CASING DOWN TO 3500' FROM SURFACE.

SUPERIOR RIGGED TO PERFORATE PROPOSED INTERVALS IN CONGLOMERATE CHERT UTILIZING 32 GRAM EXPENDABLE CASING GUNS.

PERFORATE CONGLOMERATE - 3991' - 3994' WITH 4 SHOTS/FT.

PERFORATE CONGLOMERATE - 3997' - 3999' WITH 4 SHOTS/FT.

PERFORATE CONGLOMERATE - 4002' - 4007' WITH 4 SHOTS/FT.

ALLIANCE SWABBED 4 1/2" CASING DOWN TO TTL DEPTH 4066'.

1/2 HR. NATURAL TEST - RECOVERED NO FLUID WITH SLIGHT SHOW OF GAS.

BASIC ENERGY ON LOCATION TO ACIDIZE CONGLOMERATE CHERT WITH 2500 GALS 15% DSFE ACID UTILIZING 60 BALL SEALERS AS ACID DIVERSION.

**ACIDIZE CONGLOMERATE CHERT AS FOLLOWS:**

PUMP 500 GALS 15% DSFE ACID.

PUMP 2000 GALS 15% DSFE ACID WITH 60 BALL SEALERS SPACED EQUALLY.

LOAD HOLE WITH FIELD BRINE.

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11/15/07 CONT.

ACIDIZE CONGLOMERATE CHERT AS FOLLOWS CONT.

PRESSURE TO 750# AND BROKE BACK WITH ACID FEEDING.

DISPLACE ACID @ 5 BPM - 550# TO 2700#. BALLED OFF.

ISIP - 240#, 5 MIN SIP - VAC

TTL LOAD - 125 BBLs

ALLIANCE RIGGED TO SWAB BACK ACID LOAD AND TEST CONGLOMERATE AFTER ACID.

FOUND FLUID LEVEL @ SURFACE.

SWAB DOWN TO 3200'. RECOVERED 52 BBLs.

SHUT DOWN FOR THE NIGHT.

11/16/07

SICP - 8#, FLUID LEVEL - 2500', TRACE OIL ON TOP.

ALLIANCE RIGGED TO CONTINUE SWABBING BACK AFTER ACID JOB.

TEST CONGLOMERATE AFTER ACID AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 23 BBLs, WITH SLIGHT SHOW OF GAS.

1 HR. TEST - RECOVERED 1 BBL, TEST GAS @ 13 MCFPD.

SHUT DOWN FOR THE WEEKEND.

11/19/07

SICP - 83#, FLUID LEVEL - 3300' DOWN, FREE OIL - 200', OIL% - 27%.

CONT TESTING CONGLOMERATE AFTER ACID AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 10.5 BBLs.

1 HR. TEST - RECOVERED .5 BBLs, TEST GAS @ 13 MCFPD.

4 HRS. TESTING - RECOVERED .25 BBLs/HR. TEST GAS @ 11 MCFPD/HR.

SHUT DOWN FOR THE NIGHT.

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11/20/07

SICP - 46#, FLUID LEVEL - 3800' DOWN, 80% OIL.

BASIC WELL SERVICE ON LOCATION TO FRACTURE STIMULATE CONGLOMERATE PERFS WITH 30,700 GALS 25# PRO FRAC GEL AND 41,000# SAND, TAILING IN WITH RESONATED SAND TO MINIMIZE SAND PRODUCTION.

**FRACTURE CONGLOMERATE PERFS AS FOLLOWS:**

PUMP 10,000 GALS 25# GELLED PAD AND EST. INJECTION RATE @ 20 BPM - 1123#

PUMP 3000# 16/30 SAND @ 1 PPG (3000 GALS) @ 20 BPM - 1112#.

PUMP 6000# 16/30 SAND @ 2 PPG (3000 GALS) @ 20 BPM - 1080#

PUMP 10,000# 16/30 SAND @ 2.5 PPG (4000 GALS) @ 20 BPM - 1104#

PUMP 10,000# 12/20 SAND @ 2.5 PPG (4000 GALS) @ 20 BPM - 1180#

PUMP 6000# 12/20 SAND @ 3 PPG (2000 GALS) @ 20 BPM - 1184#

PUMP 6000# 16/30 RESIN SAND @ 3 PPG (2000 GALS) - 20 BPM - 1245#

FLUSH SAND TO PERFS W/2700 GALS @ 20 BPM - 1423#

ISIP - 1120#, 5 MIN SIP - 1020#

TOTAL LOAD TO RECOVER - 731 BBLs.

SHUT DOWN FOR THANKSGIVING HOLIDAY.

11/23/07

SICP - 0#, FLUID LEVEL - 1700' FROM SURFACE. SBHP - CALCULATES 1097#.

ALLIANCE BACK ON LOCATION, RIGGED TO SWAB BACK FRAC LOAD AND TEST CONGLOMERATE PERFS AFTER FRAC.

**TEST CONGLOMERATE AFTER FRAC AS FOLLOWS:**

SWAB WELL DOWN, RECOVERED 138 BBLs, SHOW OF GAS, NO OIL.

1 HR. TEST - RECOVERED 9 BBLs, TEST GAS @ 65 MCFPD, NO OIL.

1 HR. TEST - RECOVERED 8 BBLs, TEST GAS @ 58 MCFPD, NO OIL.

1 HR. TEST - RECOVERED 7.5 BBLs, TEST GAS @ 53 MCFPD, NO OIL.

SHUT DOWN FOR THE WEEKEND.

11/26/07

SICP - 318#, FLUID LEVEL - 2300' FROM SURFACE, 100% WATER.

SBHP - 1152#, (THIS COULD BE SLIGHTLY OPTIMISTIC.)

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1-1/26/07-CONT.

ALLIANCE WELL SERVICE RIGGED TO CONTINUE SWAB TESTING CONGLOMERATE PERFS AFTER FRAC.

CONT TESTING CONGLOMERATE AFTER FRAC AS FOLLOWS:

SWAB WELL DOWN, RECOVERED - 45.25 BBLs, GOOD SHOW OF GAS.

1 HR. TEST - RECOVERED 9.5 BBLs, TEST GAS @ 29 MCFPD.

1 HR. TEST - RECOVERED 9.0 BBLs, TEST GAS @ 29 MCFPD.

1 HR. TEST - RECOVERED 8.0 BBLs, TEST GAS @ 37 MCFPD.

1 HR. TEST - RECOVERED 7.5 BBLs, TEST GAS @ 46 MCFPD.

1 HR. TEST - RECOVERED 6.5 BBLs, TEST GAS @ 62 MCFPD.

1 HR. TEST - RECOVERED 5.5 BBLs, TEST GAS @ 63 MCFPD.

1 HR. TEST - RECOVERED 5.0 BBLs, TEST GAS @ 65 MCFPD.

SHUT DOWN FOR THE NIGHT.

11/27/07

SICP- 345#, FLUID LEVEL- 3740' FROM SURFACE.

SBHP - CALCULATES 512#

CONTINUE TESTING CONGLOMERATE AFTER FRAC AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 4.2 BBLs.

1 HR. TEST - RECOVERED 7.25 BBLs, TEST GAS @ 75 MCFPD, TRACE OIL.

1 HR. TEST - RECOVERED 7.25 BBLs, TEST GAS @ 39 MCFPD, TRACE OIL.

1 HR. TEST - RECOVERED 8.5 BBLs, TEST GAS @ 39 MCFPD, TRACE OIL.

1 HR. TEST - RECOVERED 6.0 BBLs, TEST GAS @ 53 MCFPD, 3% OIL.

1 HR. TEST - RECOVERED 4.75 BBLs, TEST GAS @ 60 MCFPD, 7% OIL.

1 HR. TEST - RECOVERED 4.25 BBLs, TEST GAS @ 68 MCFPD, 7% OIL.

1 HR. TEST - RECOVERED 4.75 BBLs, TEST GAS @ 69 MCFPD, 9% OIL.

1 HR. TEST - RECOVERED 4.50 BBLs, TEST GAS @ 70 MCFPD, 9% OIL.

NOTE - WE HAVE RECOVERED 311 BBLs OF 731 BBL FRAC LOAD @ THIS POINT.

SHUT DOWN FOR THE NIGHT.

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11/28/07

SICP - 400#, FLUID LEVEL - 3780' FROM SURFACE, TRACE OIL ON TOP.  
TR SERVICES ON LOCATION WITH BULL DOG BAILER.  
RIG UP BULL DOG BAILER TO CLEAN OUT 55' OF FRAC SAND FILL-UP IN WELL BORE.  
RIH - WITH BULL DOG BAILER AND TUBING.  
CLEAN OUT FRAC SAND FROM 4007' TO 4061' (BY TBG TALLY)  
POOH WITH TUBING AND BULL DOG BAILER.

ALLIANCE RIGGED TO RUN PRODUCTION TUBING. ALL TUBING IS NEW PURCHASED FROM SMITH SUPPLY.

RIH - 15' MUD ANCHOR, SN, 129 JTS. 2 3/8" TUBING.

TUBING SET @ - 4040' (SET 21' OFF BOTTOM)

SEATING NIPPLE SET @ - 4024'

PACK TUBING OFF.

SHUT DOWN FOR THE NIGHT.

11/29/07

ALLIANCE RIGGED TO RUN NEW BOTTOM HOLE PUMP AND NEW 3/4" RODS PURCHASED FROM A&W SUPPLY.

RIH - WITH 2" X 1 1/2" X 12' RWBC HOLLOW ROD WITH 6' GA, 2' SUB, 159 - 3/4" RODS,  
2' SUB, 1 1/2" X 16' POLISH ROD.

ALLIANCE RIGGED DOWN AND MOVED OFF LOCATION.

11/30/07

KANZA DIRT ON LOCATION, BUILT PUMPING UNIT GRADE.

SIoux TRUCKING ON LOCATION WITH SPEED KING 114, LOW PROFILE PUMPING UNIT.

SET PUMPING UNIT AND CONTINENTAL C-66 ENGINE.

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11/30 THRU 12/10/07

SHAWNEE LEASE SERVICE ON LOCATION.

HOOK UP WELL HEAD.

DITCH AND LAY 660' DUAL LEAD LINES FROM WELL HEAD SOUTH TO CO. ROAD.

LAY 2 3/8" TUBING FOR ANNULUS GAS LEAD LINE.

LAY 2" SCH - 40 PVC FOR TUBING FLUID LINE.

SET GAS SEPARATOR - 30" X 10' VERTICAL SEPARATOR WITH MANUAL DUMP FROM  
KACHELMAN #1 WELL.

SET WATER TANK - 10' X 12' 200 BBL FIBERGLASS.

WE ARE AWAITING GAS HOOK-UP FROM LUMEN ENERGY.

WILL PUT WELL ON ASAP.

1/7/08

SICP - 575#.

PUT WELL IN SERVICE W/O PUMPING UNIT RUNNING.

1/8/08

WELL PRODUCED 18.5 MCF, FCP - 31#.

PUT PUMPING UNIT IN SERVICE @ 7.5 SPM X 54" STROKE.

1/9/08

WELL PRODUCED 39 MCF, WELL PUMPING O.K.

1/10/08

WELL PRODUCED 49 MCFPD, WITH FLOW RATE OF 57 MCFPD.

WELL PRODUCED 55 BBL WATER.

END OF REPORT

BRADSIROKY

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Surface



PAGE 1 of 1	CUST NO 1970-OIL023	INVOICE DATE 10/31/2007
INVOICE NUMBER <b>1970001081</b>		

Pratt

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OIL PRODUCER'S, INC. OF KANSAS  
1710 WATERFRONT PARKWAY  
  
WICHITA KS 67206  
ATTN:

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E

LEASE NAME Kachelman  
WELL NO. 2  
COUNTY Pawnee  
STATE KS  
JOB DESCRIPTION Cement-New Well Casing/Pipe  
JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
1970-01085	301			Net 30 DAYS	11/30/2007
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 10/30/2007 to 10/30/2007</b>					
<b>1970-01085</b>					
<b>1970-17228 Cement-New Well Casing 10/30/07</b>					
Pump Charge-Hourly		1.00	Hour	924.000	924.00
Casing Cement Pumper					
Cementing Head w/Manifold		1.00	EA	250.000	250.00
Cement Head Rental					
Cement Float Equipment		1.00	EA	88.900	88.90
Wooden Cement Plug					
Mileage		225.00	DH	1.500	337.50
Cement Service Charge					
Mileage		110.00	DH	5.000	550.00
Heavy Vehicle Mileage					
Mileage		534.00	DH	1.600	854.40
Proppant and Bulk Delivery					
Pickup		55.00	Hour	3.000	165.00
Car, Pickup or Van Mileage					
Additives		57.00	EA	3.700	210.90 T
Cellflake					
Calcium Chloride		582.00	EA	1.000	582.00 T
Cement		225.00	EA	10.710	2,409.75 T
60/40 POZ					
Supervisor		1.00	Hour	150.000	150.00
Service Supervisor					

*Cement for BFE  
CAN  
M. J. J.*

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902-08

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702	BID DISCOUNT SUBTOTAL TAX INVOICE TOTAL	-1,044.26 5,478.19 169.47 5,647.66
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Customer <i>Oil Producers</i>	Lease No.	Date <i>10-30-07</i>	
Lease <i>Kardelman</i>	Well # <i>2</i>		
Field Order # <i>17229</i>	Station <i>Pac #</i>	Casing <i>8 5/8</i>	Depth
Type Job <i>PNW- S.P.</i>	Formation	County <i>Lawrence</i>	State <i>Ks.</i>
		Legal Description <i>26-225-160</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/4</i>				<i>225 cc. 60/40 Bz</i>			5 Min.	
Depth <i>267</i>	Depth	From	To	Pre Pad <i>1.25/172</i>	Max		10 Min.	
Volume <i>16.5</i>	Volume	From	To	Pad	Min		15 Min.	
Max Press <i>200</i>	Max Press	From	To	Frac	Avg		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To		HHP Used		Total Load	
Plug Depth <i>255</i>	Packer Depth	From	To	Flush <i>11-Bbl.</i>	Gas Volume			

Customer Representative <i>Lawson Watson</i>	Station Manager <i>Scotty</i>	Treater <i>Bobby</i>
Service Units <i>19916 19940 19960 19918</i>		
Driver Names <i>Bobby Peral Dale Phye</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1740</i>					<i>On location - Safety Meeting</i>
<i>1920</i>					<i>Run logs. 24" 8 5/8 log.</i>
<i>1920</i>					<i>10 on Bottom</i>
<i>1930</i>					<i>Hook up to 39" Back Pipe w/ Plug</i>
<i>1936</i>	<i>200</i>		<i>5</i>	<i>5.0</i>	<i>H2O Ahead</i>
<i>1937</i>	<i>200</i>		<i>60</i>	<i>5.0</i>	<i>Mix Cmt. @ 4.7 gal</i>
<i>1953</i>					<i>Release Plug</i>
<i>1954</i>	<i>100</i>			<i>5.0</i>	<i>Start Disp.</i>
<i>1957</i>	<i>100</i>		<i>16</i>		<i>Plug Down</i>
					<i>Circulation Thru Job</i>
					<i>Circulated Cmt. To Pit</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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*Production*

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INVOICE NUMBER <b>1970001100</b>		

**Pratt**

**B I L L T O**  
 OIL PRODUCER'S, INC. OF KANSAS  
 1710 WATERFRONT PARKWAY  
 WICHITA KS 67206  
 ATTN:

**J O B S I T E**  
 LEASE NAME Kachelman  
 WELL NO. 2  
 COUNTY Pawnee  
 STATE KS  
 JOB DESCRIPTION Cement-New Well Casing/Pipe  
 JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
1970-01105	301		Net 30 DAYS	12/06/2007
<b>For Service Dates: 11/05/2007 to 11/05/2007</b>				
<b>1970-01105</b>				
<b>1970-16954 Cement-New Well Casing 11/5/07</b>				
Pump Charge-Hourly			1.00 Hour	1764.000 1,764.00
Casing Cement Pumper			1.00 EA	250.000 250.00
Cementing Head w/Manifold			1.00 EA	230.000 230.00
Cement Head Rental			5.00 EA	67.000 335.00
Cement Float Equipment			1.00 EA	3700.000 3,700.00
I.R. Latch Down Plug & Baffle			1.00 EA	250.000 250.00
Cement Float Equipment			150.00 DH	1.500 225.00
Turbolizer			110.00 DH	5.000 550.00
Cement Float Equipment			385.00 DH	1.600 616.00
Weatherford Dementing Shoe			55.00 Hour	3.000 165.00
Packer Type			32.00 EA	3.700 118.40 T
High Head Charge			36.00 EA	6.000 216.00 T
Derrick Charge			30.00 EA	3.450 103.50 T
Mileage			95.00 EA	8.250 783.75 T
Cement Service Charge			118.00 EA	5.150 607.70 T
Heavy Vehicle Mileage			625.00 EA	0.670 418.75 T
Mileage			661.00 EA	0.250 165.25 T
Proppant and Bulk Delivery			500.00 EA	1.530 765.00 T
Pickup				
Car, Pickup or Van Mileage				
Additives				
Cellflake				
Additives				
Cement Friction Reducer				
Additives				
Defoamer				
Additives				
FLA-322				
Additives				
Gas Blok				
Additives				
Gilsonite				
Additives				
Salt				
Additives				
Super Flush II				

*Cement for 4 1/2" CSN IAC M.*

*90234*

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JUN 12 2008

CONSERVATION DIVISION  
WICHITA, KS



Pratt

**B** OIL PRODUCER'S, INC. OF KANSAS  
**I** 1710 WATERFRONT PARKWAY  
**L**  
**L**  
**T** WICHITA KS 67206  
**O** ATTN:

**J** LEASE NAME Kachelman  
**O** WELL NO. 2  
**B** COUNTY Pawnee  
**S** STATE KS  
**I** JOB DESCRIPTION Cement-New Well Casing/Pipe:  
**T** JOB CONTACT  
**E**

PAGE 2 of 2	CUST NO 1970-OIL023	INVOICE DATE 11/06/2007
INVOICE NUMBER <b>1970001100</b>		

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE	
1970-01105	301			Net 30 DAYS	12/06/2007	
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Cement			25.00	EA	10.710	267.75 T
60/40 POZ						
Cement			125.00	EA	16.530	2,066.25 T
AA2						
Supervisor			1.00	Hour	150.000	150.00
Service Supervisor						

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PLEASE REMIT TO:  
**BASIC ENERGY SERVICES, LP**  
 PO BOX 841903  
 DALLAS, TX 75284-1903

SEND OTHER CORRESPONDENCE TO:  
**BASIC ENERGY SERVICES, LP**  
 PO BOX 10460  
 MIDLAND, TX 79702

BID DISCOUNT	-2,199.58
SUBTOTAL	11,547.77
TAX	291.73
INVOICE TOTAL	11,839.50



**FIELD ORDER** 16954

Subject to Correction

Date	11-5-07	Customer ID		Lease	Kachelman	Well #	2	Legal	26-225-16W
				County	Pawnee	State	KS	Station	Pratt
CHARGE	Oil Producers Incorporated, Kansas			Depth	172	Formation	10.546	Shoe Joint	
				Casing	4 1/2	Casing Depth	TD 4100	Job Type	E.W. W-Long String
				Customer Representative	Bob Kasper	Treater	Clarence R. Messick		

AFE Number		PO Number		Materials Received by	X Bob Kasper	DLF
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Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D205	125sk	AA 2		\$ 2,066.25
P	D203	25sk	60/40 Poz		\$ 267.75
P	C194	32Lb	Cell flake		\$ 118.40
P	C195	95Lb	FLA-322		\$ 783.75
P	C221	66Lb	Salt (Fine)		\$ 165.25
P	C243	30Lb	Defoamer		\$ 103.50
P	C244	36Lb	Cement Friction Reducer		\$ 216.00
P	C312	118Lb	Gas Blok		\$ 607.70
P	C321	625Lb	Gilsonite		\$ 418.75
P	C304	500Gal.	Super Flush II		\$ 765.00
P	F100	5ea	Turbolizer, 4 1/2"		\$ 335.00
P	F170	1ea	Latch Down Plug and Baffle, 4 1/2"		\$ 230.00
P	F274	1ea	Weatherford Packer Shoe, 5 1/2"		\$ 3,700.00
P	E100	110mi	Heavy Vehicle Mileage, 1-Way		\$ 550.00
P	E101	55mi	Pickup Mileage, 1-Way		\$ 165.00
P	E104	385tm	Bulk Delivery		\$ 616.00
P	E107	150sk	Cement Service Charge		\$ 225.00
P	E891	1ea	Service Supervisor		\$ 150.00
P	R209	1ea	Cement Pumper: 4,001 Ft. To 4,500 Ft.		\$ 1,764.00
P	R701	1ea	Cement Head Rental		\$ 250.00
P	R404	1ea.	Derrick Charge		\$ 250.00

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Discounted Price = \$ 11,547.77  
Plus Taxes

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TOTAL



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer Oil Producers Incorporated, of Kansas	Lease No. Kachelman	Well # 2	Date 11-5-07
Field Order # 60954	Station Pratt	Casing 4 1/2" 10.5 Lb./Ft.	Depth 4,070 Ft.
Type Job C.N.W. - Long String	Formation 28-225-16W	County Pawnee	State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 10.5 Lb./Ft.	Tubing Size 7.875 Lb./Ft.	Shots/Ft. 125	From 25'	SA-2 with Defoamer	38%	Friction Reducer	ISIP 15 Min.
Depth 4,070 Ft.	Volume 61.7 Bbl.	From 25'	To 15 Lb./Gal.	88% FLA- Cellflake	32.2	10% Salt	10 Min.
Max Press. 300 P.S.I.	Max Press.	From 25'	To 25'	5 Lb./sk. Gilsonite	6.32	1.45 CU. FT./sk.	15 Min.
Well Connection 10 1/2" Containe	Annulus Vol.	From 25'	To 25'	60/40	102	top plug Rat	Mouse Holes
Plug Depth 4,050 Ft.	Packer Depth	From 25'	To 25'	Flush 64.5 Bbl.	Fresh Water	Total Load	

Customer Representative Bob Kasper	Station Manager David Scott	Treater Clarence R. Messich
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Service Units	19,877	19,903	19,905	19,832	19,860
Driver Names	Messich	Mattal	Bales		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00					Trucks on location and hold safety meeting.
11:30					Mallard Drilling start to run Weatherford packer shoe, shoe joint with latch down Baffle screwed into collar and a total of 91 jts. new 10.5 Lb./Ft. 4 1/2" casing. Run Turbolizers on collars # 1, 2, 3, 5 and 7.
2:00					Casing in well. Circulate for minutes.
2:35					Release ball to set packer shoe.
2:55	1400				Set packer shoe. Circulate minutes.
3:09	400			6	Start Fresh Water Pre-Flush.
	400		20	6	Start Super Flush II.
	400		32	6	Start Fresh water spacer.
	400		35	5	Start to mix 125 sacks AA-2 cement.
	-0-		67		Stop pumping. Shut in well. Wash pump and lines. Release plug. Open Well.
3:26	200			6.5	Start Fresh Water Displacement.
	200		56	5	Start to lift cement.
3:36	700		64.5		Plug down.
	1,500				Pressure up.
					Release pressure. Latch Down Plug held
			4-3	3	Plug Rat and Mouse holes.
					Wash up pump truck.
4:30					Job Complete.

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