# ORIGINAL

# 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** 

	22165
Operator: License # 8061	API No. 15 - 175-21955-00-00
Name: Oil Producers Inc. of Kansas	County: Seward
Address: 1710 Waterfront Parkway	C_SE_Sec. 33_Twp. 32_S. R. 33_
City/State/Zip: Wichita, KS 67206	1545 1545 feet from (§ / N (circle one) Line of Section
Purchaser: Duke Energy	1320 feet from (E)/ W (circle one) Line of Section
Operator Contact Person: Lori Wedel	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>316</u> ) <u>681-0231</u>	(circle one) NE SE NW SW
Contractor: Name: Cheyenne Drilling LP	Lease Name: Hanson Well #: 2-33
License: 33375	Field Name: Hugoton
Wellsite Geologist:	Producing Formation: Krider
Designate Type of Completion:	Elevation: Ground: 2749 Kelly Bushing: 2755
New Well Re-Entry Workover	Total Depth; 2730 Plug Back Total Depth; 2702
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 562 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes V No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	
Well Name:	
Original Comp. Date: OriginalTotal Depth:	Drilling Fluid Management Plan  AHI NWL  (Data must be collected from the Reserve Pit)  110 - 2 9 - 0 9
Deepening Re-perf Conv. to Enhr./SWD	650 73.800
Plug BackPlug Back Total Depth	Chloride content op ppm Fluid volume 72,800 bbls  Dewatering method used Hauled to SWD
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Hayden Operating
	Lease Name: Liz Smith #1 License No.: 32366
11/28/2004         Date Reached TD         1/15/2005           Completion Date or         1/15/2005	Quarter_NESec26Twp. 30S_SR34East v West
Recompletion Date Recompletion Date	County: Haskell Docket No.: D-27,629
Kansas 67202, within 120 days of the spud date, recompletion, workd Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well.	with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING Ills. Submit CP-111 form with all temporarily abandoned wells.
nerein are complete and correct to the best of my knowledge.	Jake the on and gas industry have been fully complied with and the statements
B Man	VOC Office Her ONLY
Signature: 12006	KCC Office Use ONLY
Fille: Vice President Date: 474/2006	Letter of Confidentiality Attached
Subscribed and sworn to before me thisday of April	If Denied, Yes Date:
×	Wireline Log Received
Land of the	Geologist Report Received RECEIVED
Notary Public: Wants Control	UIC Distribution
Date Commission Expires: 2008	0 5 2015
DIANA L. RICHECKY	
Notary Public - State of Kans	it is the Note
- comply famous with the co	

Operator Name: Oi	Producers Inc.	of Kansas		Leas	e Name:_	Hanson		_ Well #: 2-3	3
Sec. 33 Twp	32 S. R. 33	_ East	✓ West		ty: <u>Sew</u>				
ested, time tool ope emperature, fluid re	show important tops on and closed, flowin covery, and flow rate is surveyed. Attach	ig and shut-i es if gas to s	in pressures, surface test, a	whether salong with	shut-in pre	ssure reached	static level, hydr	ostatic pressure	sts giving interval es, bottom hole d. Attach copy of al
Orill Stem Tests Take		Ye	s 🗸 No		L	og Formati	on (Top), Depth	and Datum	✓ Sample
Samples Sent to Ge	ological Survey	☐ Ye:	s 🗸 No		Nam	е		Тор	Datum
ores Taken		Ye	s 🗸 No		Kride	er		2518	+237
lectric Log Run (Submit Copy)		✓ Yes	s No		Winf	ield		2617	+138
ist All E. Logs Run:									
Dual Receiver C Neutron Log	Cement Bond Log	g, and Gar	nma-Ray						
		Report		RECORD	✓ Ne	w V Used	tion. etc.		
Purpose of String	Size Hole Drilled	Size	Casing (In O.D.)	We	eight ./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
See Note							See Note	See Note	See Note
					-		See Note	See Note	See Note
		·	ADDITIONAL	CEMENT	ING / SQL	EEZE RECORD	)		
Purpose: Perforate	Depth Top Bottom	Туре с	of Cement	#Sacks Used			Type and I	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone	See	Initial Co	ompletion	Report	t			1	
Shots Per Foot	PERFORAT Specify	ION RECORD Footage of Ea	- Bridge Plug ach Interval Per	ps Set/Type forated	)		cture, Shot, Cemen		d Depth
	See Initial Com	pletion Re	port	- 114 - TA	···			74.	
				•					
		· · · · · · · ·							
TUBING RECORD 2 :	Size 3/8	Set At 2563.90	N	Packer	At	Liner Run	Yes ✔ No		1
Date of First, Resumed 2/1/2005	d Production, SWD or E	inhr.	Producing Meth	od	Flowing	y ✓ Pumpii	ng Gas Li	ft Othe	r (Explain)
Estimated Production Per 24 Hours	Oil N/A	Bbls.	Gas 40	Mcf	Wate	r B	bls. (	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION	ı	J.		Production Inter	val		· · ·
Vented ✓ Sold (If vented, S	Used on Lease umit ACO-18.)	Г	Open Hole	Per	f. D	ually Comp.	Commingled _		RECEIVE
		·		.,			<del></del>		APR 11 5 200

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#### Hanson #2-33 Attachment 1

Note	1	:

\*1<sup>st</sup> Hole:

1520' FSL & 1320' FEL Sec. 33-32S-33W, Seward Co. KS

8 5/8", 24# at 570' with 125 sx A-Con 3%cc and 110 sx Common 2%cc, 1/4# cellflake.

Plugged on 11/30/2004 with 75 sx common at 630' and 10 sx Common at 40' Moved rig 25' north.

2<sup>nd</sup> Hole:

Surface:

8 5/8", 24# set at 562'

125 sacks

Common

3%cc, 1/4# cellflake/sack

110 sacks

Class-A

2%cc, 1/4# clellflake/sack

**Production:** 

4 1/2", 10.5 # set at 2729'

30 sacks

60/40 Poz

300 sacks

A-Con

125 sacks

AA-2

## OIL PRODUCERS, INC. OF KANSAS INITIAL COMPLETION REPORT

WELL - HANSON #2-33

LEGAL - 1520' FSL & 1320' FEL of SEC. 33-32S-33W in SEWARD CO., KANSAS

API # - 15-175-21955

G.L. - 2749'

K.B. - 6' ABOVE G.L. @ 2755'

SURFACE CSN - 85/8" @ 562' w/ 125 SXS COMMON & 110 SXS AA-2

RTD - 2730'

LTD - N/A

PRODUCTION CSN - 41/2" 10.5# @ 2729'

TOP OF CEMENT - SURFACE w/ EXCELLENT BONDING ACROSS PAY INTERVALS

PBTD - 2702' / CEMENT RETAINER @ 2600'

<u>PERFORATIONS</u> - <u>WINFIELD</u> - 2613-2619' 2/FT 12/07/04 <u>LOWER KRIDER</u> - 2563-2573' 2/FT 12/20/04 <u>UPPER KRIDER</u> - 2523-2533' 2/FT 12/20/04

**COMPLETION DATE - 12/04** 

TUBING IN HOLE - M.A., S.N., 81 JTS 2%" TUBING 2563.90'

TUBING SET @ - 2583'

AVERAGE TBG JT. - 31.65'

PUMP RUN - 2 x 11/2" x 12'

RODS RUN - PUMP - 1011/4" RODS, 8'-6'-2' x 3/4" SUBS P.R. & LINER

PUMP SET @ - 2566.90'

PUMPING UNIT - CABOT 80D, S.N. A013265F, RATIO - 30.02 to 1, STROKE = 48"

PRIME MOVER - C-66

SURFACE EQUIPMENT -  $2' \times 5' 250$  W.P. VERTICAL GAS SEPARATOR, 2'' TUBE METER RUN,  $12' \times 10' 200$  BBL OPEN TOP FIBERGLASS WATER TANK SHARED w/ HANSON #1-33 AND LEMERT #1-34

RECEIVED

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#### 12/07/04

BLACKHAWK WELL SERVICE RIG #11 ON LOCATION; RIG UP D-D DERRICK IN ORDER TO COMPLETE NEW GAS WELL.

ELI WIRELINE ON LOCATION TO RUN GAMMA-NEUTRON LOG AND SONIC CEMENT CORRELATION LOGS.

FOUND TTL DEPTH @ - 2702'

FOUND TOP OF CEMENT @ - SURFACE W/ EXCELLENT BONDING ACROSS PAY INTERVALS.

BLACKHAWK RIGGED TO SWAB 41/2" CASING; SWAB CASING DOWN TO 2400' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED PAY INTERVALS IN WINFIELD FORMATION UTILIZING A 32 GRAM EXPENDABLE CASING GUN.

PERFORATE - WINFIELD - 2613-2619'

BLACKHAWK SWABBED 41/2" CSN DOWN TO TTL DEPTH @ 2702'.

1/2 HR NATURAL SWAB TEST - RECOVERED 0 BBLS, NO SHOW OF GAS.

SHUT WELL IN. SHUT DOWN FOR NIGHT.

#### 12/08/04

BLACKHAWK WELL SERVICE ON LOCATION.

SICP - 15#

40' OF FLUID IN HOLE.

ACID SERVICE ON LOCATION TO ACID STIMULATE WINFIELD PERFS w/ 500 GALS 15% DSFE ACID.

#### ACIDIZE WINFIELD PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% ACID. LOAD HOLE w/ 41 BBLS ACID AND 2% KCL H20 PRESSURE TO 750#, BROKE BACK QUICKLY DISPLACE 500 GALS ACID @ 2 BPM - 200# ISIP - VACUUM TTL LIQUID LOAD = 54 BBLS

BLACKHAWK RIGGED TO SWAB TEST WINFIELD PERFORATIONS AFTER ACID.

## SWAB TEST WINFIELD PERFORATIONS AFTER ACID AS FOLLOWS:

SWAB 41/2" CSN DOWN TO TTL DEPTH.	. RECOVERED 40 BBLS.
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 27.0 MCF
1/2 HR SWAB TEST - REC. 6 BBLS	TEST GAS @ 22.0 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 18.5 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 12.7 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 12.7 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 12.7 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 12.7 MCF
1/2 HR SWAB TEST - REC. 4 BBLS	TEST GAS @ 12.7 MCF

SHUT WELL IN. SHUT DOWN FOR NIGHT DUE TO AMOUNT OF FLUID & SMALL AMOUNT OF NAT. GAS FROM WINFIELD. HAVE DEEMED THIS ZONE NON-COMMERCIAL AND WILL HAVE TO SQUEEZE.

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#### 12/09/04

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT IN CASING PRESSURES.

SICP - 150# w/ 400' OF FLUID IN HOLE.

ELI WIRELINE AND T.R. SERVICE TOOL HAND ON LOCATION TO SET 4½" CEMENT RETAINER ABOVE WINFIELD PERFS IN ORDER TO SQUEEZE OFF WINFIELD FORMATION.

SET CEMENT RETAINER @ - 2600'

BLACKHAWEK AND SIOUX TANK WINCH TRUCK UNLOAD STRING OF 2%" TUBING; BLACKHAWK RIGGED TO RUN CEMENT RETAINER STINGER.

RIH - w/ STINGER AND 2%" TUBING.

ACID SERVICE ON LOCATION TO SQUEEZE WINFIELD FORMATION w/ 150 SXS COMMON CEMENT.

#### SQUEEZE WINFIELD PERFORATIONS AS FOLLOWS:

LOAD AND PRESSURE ANNULUS TO 500#.
TAKE INJECTION RATE VIA TUBING 2 BPM - 150#
MIX AND PUMP 150 SXS COMMON CEMENT
DISPLACE 17 BBLS CEMENT SLURRY @ 2 BPM - VAC. TO 1000#
PRESSURE TEST SQUEEZE TO 500#, HELD OKAY.
STING OUT OF RETAINER. CIRCULATE HOLE CLEAN.

BLACKHAWK RIGGED TO PULL 2%" TUBING AND STINGER.

POOH - w/ 2%" TUBING AND CEMENT RETAINER STINGER

LAYED TUBING DOWN IN SINGLES.

BLACKHAWK RIGGED DOWN, MOVED OFF LOCATION; WILL BE BACON ON LOCATION DEC. 20<sup>TH</sup> TO PERFORATE UPPER AND LOWER KRIDERS, THEN ACIDIZE w/ FRAC ON KRIDERS DEC. 22<sup>ND</sup>.

#### 12/20/04

BLACKHAWK WELL SERVICE ON LOCATION; RIG UP D-D DERRICK IN ORDER TO FINISH COMPLETING HUGOTON GAS WELL; RIGGED TO SWAB 4½" CSN; SWAB CSN DOWN TO 2300' FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED PAY INTERVALS IN THE UPPER AND LOWER KRIDER FORMATIONS UTILIZING 32 GRAM EXPENDABLE CSN GUNS.

FOUND TTL DEPTH @ - 2600'

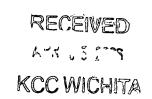
<u>PERFORATE</u> - <u>LOWER KRIDER</u> - <u>2563-2573'</u> <u>2/FT</u> <u>UPPER KRIDER</u> - <u>2523-2533'</u> <u>2/FT</u>

BLACKHAWK RIGGED TO SWAB TEST NEW PERFS NATURAL BEFORE ACID.

SWAB 41/2" CSN DOWN TO TTL DEPTH @ 2600'

1/2 HR NAT. SWAB TEST - RECOVERED 0 BBLS SLIGHT SHOW OF GAS 1/2 HR NAT. SWAB TEST - RECOVERED 0 BBLS SLIGHT SHOW OF GAS

ACID SERVICE ON LOCATION TO ACID STIMULATE UPPER AND LOWER KRIDER PERS UTILIZING 2,500 GALS 15% DSFE ACID w/ 60 BALL SEALERS SPACED EQUALLY.



#### 12/20/04 CONTINUED

#### **ACIDIZE ALL KRIDER PERFORATIONS AS FOLLOWS:**

PUMP 500 GALS 15% DSFE w/ 60 BALL SEALERS SPACED EQUALLY PUMP 2,000 GALS 15% DSFE ACID HOLE LOADED w/ ACID - 44 BBLS PRESSURE TO 1,000#, BROKE BACK QUICKLY DISPLACE 500 GALS ACID @ 4 BPM - 800# DISPLACE 2,000 GALS ACID @ 6 BPM - 500 to 4 BPM - 800# SIP - VACUUM TTL LIQUID LOAD = 112 BBLS

BLACKHAWK RIGGED TO SWAB TEST UPPER AND LOWER KRIDER PERFS AFTER ACID.

#### SWAB TEST ALL KRIDER PERFORATIONS AFTER ACID AS FOLLOWS:

SWAB 4½" CSN DOWN TO TTL DEPTH. RECOVERED 40 BBLS.

½ HR SWAB TEST - RECOVERED 4.5 BBLS

TEST GAS @ 30.0 MCF

½ HR SWAB TEST - RECOVERED 4.0 BBLS

TEST GAS @ 32.4 MCF

SHUT WELL IN. SHUT DOWN FOR NIGHT.

#### 12/21/04

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CSN PRESSURE.

<u>SICP</u> - 150# w/ 500' OF FLUID IN HOLE. <u>SIBHP</u> - CALCULATES = 399# BLACKHAWK RIGGED TO SWAB TEST ALL KRIDER PERFS AFTER ACID.

#### SWAB TEST UPPER AND LOWER KRIDER PERFORATIONS AS FOLLOWS:

BLACKHAWK SWABBED CSN DOWN TO	TTL DEPTH AND REC. 8 BBLS.
1/2 HR SWAB TEST - REC. 4.00 BBLS	TEST GAS @ 103.6 MCF
1/2 HR SWAB TEST - REC. 2.00 BBLS	TEST GAS @ 100.9 MCF
1/2 HR SWAB TEST - REC. 2.00 BBLS	TEST GAS @ 100.9 MCF
1 HR SWAB TEST - REC. 2.00 BBLS	TEST GAS @ 102.3 MCF
1 HR SWAB TEST - REC. 1.60 BBLS	TEST GAS @ 103.6 MCF
1 HR SWAB TEST - REC. 0.85 BBLS	TEST GAS @ 103.6 MCF
1 HR SWAB TEST - REC. NO FLUID	TEST GAS @ 110.6 MCF
1 HR SWAB TEST - REC. NO FLUID	TEST GAS @ 110.6 MCF

SHUT WELL IN. SHUT DOWN FOR NIGHT.

#### 12/22/04

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CSN PRESSURE.

SICP - 140# w/ 50' OF FLUID IN HOLE.

<u>SIBHP</u> - CALCULATES 175# (THIS IS CLOSE TO EXACT RATHER THAN THE 399# SIBHP FROM YESTERDAY.)

ACID SERVICE AND GORE NITROGEN ON LOCATION TO FRACTURE STIMULATE UPPER AND LOWER KRIDER PERFORATIONS w/ 22,000 GALS 70% NITROGEN FOAM AND 31,000# OF 12/20 BRADY SAND AND TAILING IN w/ 4,000# AC-FRAC SAND TO MINIMIZE SAND PRODUCTION.



#### 12/22/04 CONTINUED

#### FRACTURE STIMULATE ALL KRIDER PERFORATIONS AS FOLLOWS:

PUMP 7,000 GALS 70% N2 FOAM. EST. INJ. RATE @ 17 BPM - 1050#.

PUMP 4,000# 12/20 SAND @ 1 PPG ( w/ 4,000 GALS N2 FOAM) @17 BPM - 1050#.

PUMP 12,000# 12/20 SAND @ 2 PPG (w/ 6,000 GALS N2 FOAM) @ 17 BPM - 1050#.

PUMP 11,001# 12/20 SAND @ 3 PPG (w/ 3,667 GALS N2 FOAM) @ 17 BPM - 1050#.

PUMP 3,999# 12/20 AC FRAC @ 3 PPG (w/ 1,333 GALS N2 FOAM) @ 17 BPM - 1050#.

FLUSH SAND TO PERFS (w/ 1,800 GALS N2 FOAM) @ 17 BPM - 1100#.

ISIP - 1260#

TTL LIQUID LOAD = 170 BBLS

#### 12/23/04

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN PRESSURE AFTER FRAC.

SICP - 415#

OPEN WELL TO PIT; FLOWED BACK NITROGEN AND HEAVY MIST OF FLUID ALL DAY; LEFT WELL OPEN TO PIT FOR NIGHT.

BLACKHAWK SHUT DOWN FOR X-MAS VACATION.

#### 12/24/04

OIL PRODUCER'S CO. MAN ON LOCATION; WELL FLOWING GOOD AMOUNT OF NATURAL GAS.

INSTALL GAS TESTER - TEST GAS @ 170 MCF, HEAVY MIST.

#### 12/26/04

OIL PRODUCERS CO MAN ON LOCATION; WELL HAD LOADED UP; NOT FLOWING FLUID; TEST GAS @ 100 MCF.

#### 12/27/04

BLACKHAWK WELL SERVICE ON LOCATION; WELL FLOWING DRY GAS TO PIT.

BLACKHAWK RIGGED OFF ACID SERVICE FRACE VALVE; INSTALL 5½" MASTER GATE RIG TO SWAB 4½" CSN; RAN CSN SWAB w/ NO CUPS; CHECK SAND FILL-UP; HAVE APPROX. 20' OF SAND FILL-UP.

BLACKHAWK STARTED TO SWAB TEST ALL KRIDER PERFS AFTER FRAC.

#### SWAB TEST ALL KRIDER PERFORATIONS AFTER FRAC AS FOLLOWS:

1 HR CONT. SWAB TEST - REC. 30 BBLS TEST GAS @ 353 MCF 1 HR CONT. SWAB TEST - REC. 30 BBLS TEST GAS @ 415 MCF 1 HR CONT. SWAB TEST - REC. 25 BBLS TEST GAS @ 472 MCF 1 HR CONT. SWAB TEST - REC. 20 BBLS TEST GAS @ 472 MCF 1 HR CONT. SWAB TEST - REC. 15 BBLS TEST GAS @ 526 MCF 1 HR CONT. SWAB TEST - REC. 0 BBLS TEST GAS @ 400 MCF

NOTE: LAST TWO HRS TEST CSN SWAB; WOULD NOT GO DOWN HOLE DUE TO GAS FLOW.
THIS IS REASON FOR NO FLUID RECOVERY.

SHUT WELL IN. SHUT DOWN FOR NIGHT.



#### 12/28/04

BLACKHAWK WELL SERVICE ON LOCATION TO CHECK SHUT-IN CASING PRESSURE.

SICP - 200#

BLEW WELL TO PIT FOR 21/2 HRS BEFORE CSN SWAB WOULD GO DOWN HOLE.

BLACKHAWK RIGGED TO SWAB TEST KRIDER PERFS.

#### SWAB TEST ALL KRIDER PERFORATIONS AS FOLLOWS:

1 HR SWAB TEST - REC. 4.0 BBLS	TEST GAS @ 445 MCF
1 HR SWAB TEST - REC. 4.0 BBLS	TEST GAS @ 445 MCF
1 HR SWAB TEST - REC. 3.5 BBLS	TEST GAS @ 480 MCF
1 HR SWAB TEST - REC. 3.0 BBLS	TEST GAS @ 480 MCF
1 HR SWAB TEST - REC. 3.0 BBLS	TEST GAS @ 480 MCF
1 HR SWAB TEST - REC. 3.0 BBLS	TEST GAS @ 445 MCF

LEAVE WELL OPEN TO PIT. BLACKHAWK SHUT DOWN FOR NIGHT.

#### 12/29/04

BLACKHAWK WELL SERVICE, T.R. SERVICE TOOL HAND, AND NICHOLS FLUID SERVICE H.P. TRUCK ON LOCATION TO KILL WELL W/ 2% KCL WATER AND RUN HYDRO-STATIC BAILER IN ORDER TO CLEAN SAND FILL-UP FROM WELL-BORE.; NICHOLS KILLED WELL W/ 50 BBLS 2% KCL.

BLACKHAWK RIGGED TO RUN BAILER AND TUBING. RIH - w/ BAILER AND TUBING.

TAG TOP OF SAND @ 2560'; T.R. SERVICE TOOL HAND USED HYDRO-STATIC BAILER TO CLEAN OUT 40' OF SAND FROM WELL BORE TO T.D. @ 2600'.

POOH - w/ TUBING AND BAILER.

CLEAN UP MESS FROM BAILER AND BREAK BAILER DOWN.

#### 12/29/04

BLACKHAWK RIGGED TO RUN 2%" TUBING IN HOLE FOR PRODUCTION.

#### **RUN PRODUCTION TUBING AS FOLLOWS:**

2%" MUD ANCHOR	15.00'
2" SEATING NIPPLE	1.10'
81 JTS 2%" TUBING NEW 4.7# 8 RD.	2563.90'
K.B. (6 < 3)	3.00'
TUBING SET @	2583.00'
SEATING NIPPLE SET @	2566.90'

TAG BOTTOM w/ TUBING @ 2600', PICK UP AND LAND TUBING 17' OFF BOTTOM.

BLACKHAWK RIGGED TO RUN BOTTOM HOLE PUMP AND 3/4" SUCKER RODS.

#### RUN BOTTOM HOLE PUMP AND RODS AS FOLLOWS:

2 x 1½" x 12' RWB HOLLOW PULL ROD w/ 6' G.A.	14.00'
101¾" RODS	2525.00'
8'-6'-2' x ¾" ROD SUBS	16.00'
11/4" POLISHED ROD w/ 7' LINER	<u>16.00'</u>
PUMP SET @	2566.90'

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#### 12/29/04 CONTINUED

BLACKHAWK SEATED PUMP; SPACED OUT RODS; LONG-STROKED; HAD GOOD PUMP ACTION; CLAMPED OFF.

BLACKHAWK RIGGED DOWN AND MOVED OFF LOCATION.

#### 12/27/04 to 1/17/05

SHAWNEE LEASE SERVICE ON LOCATION TO PLUMB WELL HEAD; PLUMB IN NEW 2' x 5' 250# W.P. VERTICAL SEPARATOR PURCHASED FROM ALPHA SERVICES; PLUMB IN NEW 2" TUBE METER RUN W/ SHED AND 3 BARTON RECORDER AND ORIFICE PLATE FLANGES PURCHASED FROM LONE EAGLE TESTING. DITCH AND LAY 3" POLY GAS SALE LINE AND 2" PVC SCH 60 DUE SOUTH TO LERMERT #1-34 APPROX 400'; TIE INTO 3" POLY SALES LINE AND 2" PVC WATER LINE; SIOUX TANK WINCH TRUCK ON LOCATION TO SET CABOT 80D PUMPING UNIT; 48" STROKE S.N. A013265F GEAR RATIO = 30.02 to 1.

#### 1/15/05

PUT WELL IN SERVICE WITHOUT PUMP UNIT. PRODUCES 150 MCF.

#### 1/16/05

WELL PRODUCED 92 MCF WITHOUT PUMP UNIT.

END OF REPORT TIM THOMSON

RECEIVED

Ark ( 5 2013

KCC WICHITA



100 S. Main Suite #607 Wichite KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 PO. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX SALES & SERVICE OFFICE:

1700 S. Country Estates Rd. PO. Box 129 Liberal, KS 67905-0129 (620) 624-2277 (620) 624-2280 FAX

### Invoice

Bill to:	•	63959					der Date
	OIL PRODUCERS INC.	OF KANSAS	4111				1/29/04
	P.O. Box 8647				Service Descri	ption	
	Wichita, KS 67208		Cement				
	,						
				Leas		Wel	1
				Hanso		2-33	
AFE	CustomerRep	Treater	Well	Type P	urchase Order	Tern	าร
	T. Thomson	J. Bennett	New W	ell		Net 3	30
<u>ID.</u>	Description		<u>UOM</u>	Quantity	Unit Price	<u>Price</u>	2
D200	COMMON		SK	110	\$11.85	\$1,303.50	(T)
D201	A-CON BLEND (COMM	ON)	SK	125	\$14.15	\$1,768.75	(T)
C310	CALCIUM CHLORIDE		LBS	562	\$0.80	\$449.60	(T)
C194	CELLFLAKE		LB	56	\$2.00	\$112.00	(T)
F233	FLAPPER TYPE INSER? 8 5/8"	FLOAT VALVES,	EA	1	\$275.00	\$275.00	(T)
F163	WOODEN CEMENT PL	UG, 8 5/8"	EA.	1	\$85.00	\$85.00	(T)
F123	BASKET, 8 5/8"		EA	I	\$290.00	\$290.00	(T)
F103	CENTRALIZER, 8 5/8"		EA	3	\$90.00	\$270.00	(T)
F193	GUIDE SHOE-REGULA	R, 8 5/8"	EA	1	\$260.00	\$260.00	(T)
E100	HEAVY VEHICLE MILI	EAGE - 1 WAY	MI	15	\$3.50	\$52.50	
E107	CEMENT SERVICE CH	ARGE	SK	235	\$1.50	\$352.50	
E104	PROPPANT / BULK DE MILE, \$200 MIN	LIV SERVICES/TON	TM	167	\$1.50	\$250.50	
R202	CASING CEMENT PUM 4 HRS ON LOC.	PER, 501-1,000' 1ST	EA	1	\$924.00	\$924.00	
R701	CEMENT HEAD RENTA	AL.	EA	1	\$250.00	\$250.00	
E101	CAR, PICKUP OR VAN	MILEAGE - 1 WAY	MI	15	\$2.00	\$30.00	
					Sub Total:	\$6,673.35	
					Discounts	¢1 Q17 1Q	

**Discount:** \$1,847.48

Discount Sub Total: \$4,825.87

Seward County & State Tax Rate: 6.55% Taxes: \$228.02

(T) Taxable Item **Total:** \$5,053.89

RECEIVED

APR 0.5.2006

			INVOICE	NO.	$\neg$					FIELD	0 0	RDER	931	3
			Date / 1	29.04	L Leas	ie .	to Correction	on	<del></del>	Well #		<del>,</del>	- 29 <	5-33W
			Custome		Cou	ntv	1301			State	<u>33</u>	Station	- 3x 3	1-35W
SERV		LLC			Dept		u o rd	mation		K	<u>5.</u>	Shoe Joint	bera	<u>/</u>
c <b>£</b>	il trodu	acets	Inc	of KS	<u>,                                     </u>			•				4	<u>0.44</u>	
H A					Casi	<sup>19</sup> 8 78	Casing 5			580	)	Job Type 8 🗲	500	facelyc
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AFE Number		PO Nu	mber			erials v	X To	-	-1.		Ь	u Jerr	. R	canetl
Product			<del> </del>		Rec	BIVEG DY A				nson		ACC	UNTING	
Code	QUANTITY	MATE	RIAL, EQL	JIPMENT and	SERVICE	SUSED	UNIT P	RICE	A	MOUNT	<u> </u>	ORRECTION	A	MOUNT
<b>D</b> 260	110 .1.						<u> </u>				-			
D200	110 sk		man		10					·	<b> </b>		<del> </del>	
D301	125 sks	א נ	.01 E	31cmd	COM	7707 <i>)</i>		-	<del></del>					
-							<u> </u>	$\dashv$						· · · · · · · · · · · · · · · · · · ·
A 210	562 lb.	0 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Chlor	11		<u></u>							
C 310 C 194			flak		7 <del>4 C</del>		<u> </u>				<del>                                     </del>			
<u>C 177</u>	56 lb	Cell	TIAN	<u> </u>										
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F233	20	Inse	4	1 1	1		.,				-			
F 30 3	Uca	Batt	NI	~ ·	Sumir	HIM OY					<del>                                     </del>			
<u> </u>	<u>Cq</u>	B45	<del> </del>	185%										
F103	3 60		<u> </u>		5/8"							<u>.</u>		
F 193		D	frali	<u> </u>	<u> </u>	858		-+	<del></del> -					· · · · · · · · · · · · · · · · · · ·
1 113	1 60	7690	n l d L	Guiac	JAOE	0/5					ļ	•,•••		
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														······
E100	15 m	4	, Ve	hicke	m:l-	acc lu	a.,				<del>                                     </del>	<del></del>		
E 107	235 sk			Scruice		,	7							
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E104 R202	1 63	Cols	4n1 ~ 1	4-nt	D	er 50/-	lack!	41						
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EIDI	15 mi					1-was					<b></b> _	CEIVED	-	
14,101	10 3711	<u> </u>	IER4,	<u> </u>	cage_	1 200/				· · · · · · · · · · · · · · · · · · ·	<b>17</b>	UEIVEU		
			<del>_</del>				<u> </u>	•			APF	0 5 2006		
	<u> </u>									ı	rec	WICHIT	Ā	
				h.e.	ount	Total							486	25.87
				- VISV	Pl	us Tax								<u> </u>
40044 NE U	iway 61 . P.N	Day 061	2 Drott	VC 6719/			በ\ ድንባ 49	01 E	av /690	672-5383	TOT			

# TREATMENT REPORT

産	· ,				. [	Customer	ID		Date			
						Customer	Bil Pra	Jucer of KS	. 11.	29.20		
SER	VICE	5 L	LC		·	Lease	Hanso	1	Lease No.	<del>-23</del>	Well # 2 ~	.33
Field Order #	3 Sta	ition	Lib	eral			Casing	5/8 Depth 547	County	eward	;	State KS
Type Job	5/4	544	ece.	(NW	))	·		Formation	~	Legal Desci	iption 325.	- 33W
	E DATA	<b>7</b>		RFORAT		ATA	FL	UID USED		TREATMEN		
Casing Size	<b>5</b> Tubin	g Size	Shots/F	1		·	Acid		RAT	E PRESS	ISIP	<u>-</u>
Depth 586	Depth	1	From		То		Pre Pad		Max		5 Min.	
Volume	Volum	18	From		То		Pad	**************************************	Min		10 Min.	
Max Press	Max P	ress	From		To		Frac		Avg		15 Min.	<del> </del>
Well Connect	ion Annul	us Vol.	From	-	То				HHP Used		Annulus Pi	ressure
Plug Depth	Packe	r Depth	From		To		Flush		Gas Volume		Total Load	
Customer Rep	presentative	Thor				ation Mans	gor Jerr	y Bonnett	Treater	Terry f	2- maeH	
	IW.	<u>, no , </u>	<u> 1501</u>	114		78	44	75		7 - 7 -		
Service Units Time	Casing Pressure		ubing essure		Pumped		Rate		Se	rvice Log	<del></del>	
2200	1 1000211							C	alled.	out		
0830		1						. 0	n Loca	1 /		
0100							**********	Se	1	Pump	Truck	
0115		1			-			Ite	1 0	1 /00	cetina	
								St	]	nning	Casina	<u> </u>
										7		
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					<del></del>			3%c/A-	Con Bl	end c	ommon	
								mi	ked e /	1.8 PI	09 2.7	1 cutt/sk
										71	7	
								Mix	110 3	ks. c	ommon	
	-			22	•		4	2% ec m 1 %	cd e 1:	5 ppg	1.33	c.\$+/sk
										111		
0630								Rel	ease P	lua		<del></del>
0625	100			)				Stor	+ Disp	lacmon	+	
0700	400			33	3,5		2	Plug	down	e 5	26 1	8 14
	-					REC	EIVED	Rela	ase fl	oat He	eld OK	
						APR		Pump	red 35	bbl Pu	mp by	Plug
								Rack	UP J	ob C	omplet	ح '
102	44 NE H	liwav	61 • P	O. Box	8613	o Prai	t. KS 671	24-8613 • Phone	(620) 672-1	201 • Fax	(620)672	-5383



100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.O. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX **SALES & SERVICE OFFICE:** 1700 S. Country Estates Rd. P.O. Box 129 Liberal, KS 67905-0129 (620) 624-2277

(620) 624-2280 FAX

### Invoice

Bill to:		PRODUCERS INC. OF	7der Order Date 315 11/30/04							
		Box 8647 hita, KS 67208			Cement					
							nson			ell 33
AFE		CustomerRep	Treater		Well 7		Purchase (	Order		ms
		T. Thomson	J. Bennett		New Wel	l			Ne	1 30
<u>ID.</u>	Desc	cription	· · · · · · · · · · · · · · · · · · ·	<u>U</u> (	<u>OM</u>	Quanti	ty <u>Unit l</u>	<u>Price</u>	Pri	ce
D200	CON	MMON		SK	ζ	8	35 \$11	.85	\$1,007.2	5 (T)
E100	HEA	AVY VEHICLE MILEA	GE - 1 WAY	M	I	1	15 \$3	.50	\$52.5	(T)
E107	CEN	MENT SERVICE CHAR	.GE	Sk	ζ.	8	35 \$1	.50	\$127.5	(T)
E104		PPANT / BULK DELIV E, \$200 MIN	SERVICES/TON	TN	M	Ć	50 \$1	.50	\$90.0	(T)
R302		MENT PUMPER, 501-10 LOC	000' 1ST 4 HRS	EA	A		1 \$935	.00	\$935.0	(T)
E101	CAF	R, PICKUP OR VAN M	LEAGE - 1 WAY	M	I	]	5 \$2	.00	\$30.0	(T)

**Sub Total:** \$2,242.25

**Discount:** \$448.45

Discount Sub Total: \$1,793.80

Seward County & State Tax Rate: 6.55% Taxes: \$117.49

RECEIVED
APR 0 5 2006
KCC WICHITA

			INVOICE NO.	Subject	t to Correction		FIELD	ORDER	9315
			Date 11.30.04	Lease Hay			Well # 3	2 Legal 33.	325 · 33W
SER	VICES,	LLC	Customer ID	County	ward		State X	Station	1
_=====			rs Incof Ks		Formation			Shoe Joint	Crai
Н	9,1 176	3020	1 2 NOT KO	Casing	Casing Depth	Т	D	Job Type	1 NW
A		<del></del>		Customer Repres		<u></u> 1	Treate	TPI	4 12
E				Tim	Thom:	504		Jarry B	eaneu
AFE Number		PO Nu	ımber	Materials	· /				
Product	1	1		Received by	N SAN		XXX PE	ACCO	DUNTING
Code	QUANTITY	MATE	ERIAL, EQUIPMENT and S	ERVICES USED	UNIT PRICE	AM	OUNT	CORRECTION	AMOUNT
D 200	85 sk	Co	mman	-					
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E100	15 mi	Hea	nu de lista	M', leage	1 Wey				· · · · · · · · · · · · · · · · · · ·
	85 sk			e Charge	1 0009		F	RECEIVED	
E107	60 tm		Delivery pe	rton A	200 min		A	PR 0 5 2006	
R302	1 eq	Cem	ent Pumpe	r 500 ft	4 45		1/6	CWICHITA	
EIDI	15 mi	Pick	cup Milega	<b>c</b>	1 Way		₩.	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	• 
	-	ļ	ι ,	1 ~ 1		·			1400 00
		<b> </b>		ount Total					1793,80
10244 NE H	iway 61 · P.C	. Box 861	3 · Pratt, KS 67124-8	Plus Tax 8613 · Phone (62)	0) 672-1201 <u>-</u> F	ax (620)	672- <u>5383</u>	TOTAL	

# TREATMENT REPORT

								tomer ID		•			Date	30 -				
							Leas		ī		er of KS		ease No.	טכ טכ	<del>5 y</del>	Well # →		
Field Order		Statio		1	1				Casing	1	Depth, 30		County			<u> </u>	- 33 State	<u>5</u> -1-
4315 Type Job			<u>k</u>	1 pe	ral				<u></u>	Fort	630	<u>' l</u>	<u></u>	Ceula i	I Descri	iption		<u> </u>
<u> Р</u>	TA	(N	<u>(U</u>		<del></del>			·····		<u> </u>						32:		<u>3u</u>
	PE DA				RFORA	TING	DAT	^		UID	USED	4	RAT			T RESUM	IE	<del></del>
Casing Size		Tubing S	ize	Shots/f	-1				Acid					FRE				
Depth		Depth		From		То			Pre Pad			Meo				5 Min.		
Volume		Volume		From		То			Pad			Min	1	1		10 Min.		
Max Press		Max Pres	58	From		То			Frec			Avg	ı			15 Min.		
Well Connec	tion	Annulus	Vol.	From		То						нн	P Used			Annulus	Pressur	ne er
Plug Depth		Packer D	•			i –			Flush	-		Ger	Volume			Total Lo	æd	
Customer Re	present	tative		From		To	Station	Menage	r 4	<u> </u>	Bennett		Treater	7		Ben	1 H	
	NAT.	1 10	0415	<u>01)</u>				<del>. T</del>	38	7	i i	-		700	7			
Service Units		asing	T	rbing	114	1	2	8		-	70					_1,		
Time	Pre	esure	Pre	esure	Bbis.	Pump	<b>e</b> a		Rate	├─			<del></del> ;	rvice Log	,			
1130	-		_	-		•			<del></del>	-		0	n A	<u>0 Cq 7</u>	ופול	7		
11 60	-										<del></del> .	5.	_1		<u></u>	· lea		
1150	<del> </del>										·	٠ (٢	<u> </u>	<del>\</del>		ucKS.		
												Pr	·c 5	afte	y	Mee	ting	
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1400												Jo	b 0	วิ ธ หน	pli	ete		
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102	244 N	IE Hiv	vay	61 <u>• P</u>	.O. Bo	c 86	13 •	Pratt.	KS 671	24-8	613 • Phor	ne <u>(6</u> 2	20) 672-1	201 •	Fax	(620) <u>6</u> 7	72-53	83

intace 2 mm Hole



**SALES OFFICE:** 

100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.O. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX

SALES & SERVICE OFFICE:

1700 S. Country Estates Rd. P.O. Box 129 Liberal, KS 67905-0129 (620) 624-2277 (620) 624-2280 FAX

### Invoice

Bill to:		63959	01	Invoice	Invo	ice Date	Order Or	ler Date
	OIL PRODUCERS INC. OF KANS	242		412027	12	2/14/04	9317 1	2/1/04
	P.O. Box 8647	5710				Service Descr	iption	
	Wichita, KS 67208		Ce	ement				
	Wiema, 135 07200		-					
			<u> </u>					
					eas ianso		Wel 2-33	
AF	E CustomerRep	Treater		Well Type		urchase Orde		
AL!	T. Thomson J. Beni		Nic	ew Well	Ť	urchuse oruc	Net 3	
		iictt		<del></del>	<u> </u>			
<u>ID.</u>	<u>Description</u>		<u>UOM</u>	<u> </u>		<u>Unit Price</u>		•
D200	COMMON		SK		110	\$12.38	\$1,361.80	(T)
D201	A-CON BLEND (COMMON)	•	SK.		125	\$14.77	\$1,846.25	(T)
C310	CALCIUM CHLORIDE		LBS	:	562	\$0.90	\$505.80	(T)
C194	CELLFLAKE		LB		56	\$3.41	\$190.96	(T)
F145	TOP RUBBER CEMENT PLUG, 8	3 5/8"	EA		1	\$145.70	\$145.70	(T)
F203	GUIDE SHOE TEXAS PATTERN	, 8 5/8"	EA		1	\$286.00	\$286.00	(T)
F233	FLAPPER TYPE INSERT FLOAT 8 5/8"	VALVES,	EA		1	\$275.00	\$275.00	(T)
F103	CENTRALIZER, 8 5/8"		EA		3	\$90.00	\$270.00	(T)
F800	THREADLOCK COMPOUND KI	Γ	EA		1	\$30.00	\$30.00	(T)
E100	HEAVY VEHICLE MILEAGE - 1	WAY	MI		15	\$3.65	\$54.75	
E107	CEMENT SERVICE CHARGE		SK	:	235	\$1.50	\$352.50	
E104	PROPPANT / BULK DELIV SERV MILE, \$200 MIN	VICES/TON	TM		167	\$1.60	\$267.20	
R202	CASING CEMENT PUMPER, 501 4 HRS ON LOC.	-1,000' 1ST	EA		1	\$924.00	\$924.00	
R701	CEMENT HEAD RENTAL		EA		1	\$250.00	\$250.00	
E101	CAR, PICKUP OR VAN MILEAG	E - 1 WAY	MI		15	\$2.15	\$32.25	
						Sub Total:	\$6,792.21	

Discount:

\$2,113.94

Discount Sub Total:

Taxes:

\$4,678.27

Seward County & State Tax Rate: 6.55%

\$221.58

(T) Taxable Item

Total:

\$4,899.85

APR 0 5 2006

KCC WICHITA

S E R  C H  A R  G E	CI	Date 12:1:04 Customer ID  CETS INC OF KS	Subject Lease Hans County Sewa Depth 575 Casing 858 Customer Represe	Formation  Casing Depth  574	State //2	33 5	Station Li Shoe Joint 40 Job Type 85	9317 V Beral Surface Nu
Product			Received by	- Fr	× 3	42	ACCO	UNTING
Code	QUANTITY	MATERIAL, EQUIPMENT and S	ERVICES USED	UNIT PRICE	AMOUNT	C	ORRECTION	AMOUNT
10200	110 sk	Carried				+		
D201	125 sk	A-Con Bland	Common			1		
DAVI	100 21	11 004 11 1240	200000			1		
C310	562 16	Calcium Chlorid	ζ					
C194	56 Lb	Cellflake						
						-		<del> </del>
F145 F203 F233 F103 F800	1 cq 1 cq 1 cq 3 co 1 cq	Top Rubber Ce. Guide Shoe Texas Flapper Type In: Centralizer 858 Thread Compount	Pattern 858 sert Value858					
						-		
E100	15 mi	Heavy Vehicle 1		1 Way				
E.107	2355k	Cament Service	Charge	₩ _		-		
E 104	167 Tm			200 min		-		
Raoa	1 29	1	Rental	0 4 h~	F	REC	EIVED	
R701	15 mi	Prokup Mileage	Kenta I	1 Way			5 2008	
~101	10 771	FUCKUP MILEAGE		1 0049				
· ·					K	∜ ماو	VICHITA	
		Discou	nted Total					4678,27
			Plus Tax			<u> </u>		
10244 NE H	liway 61 - P.O.	. Box 8613 · Pratt, KS 67124-1	8613 · Phone (62)	0) 672-1201 · F	ax (620) 672-5383	TOT	AL	

### TREATMENT REPORT

Customer Di Producer of K5-  Lease Hauson  Field Orders  Station  Type Job  Type Job  Formation  PIPE DATA  PERFORATING DATA  Customer Di Producer of K5-  Lease Hauson  Lease No.  Well # 2-33  Casing \$\frac{9}{8}\$ Depth 74  County \$\frac{1}{2}\$ County \$\frac{1}{2}\$ County \$\frac{1}{3}\$ County \$\frac{1}	
Type Job Type Surface (NW)  Lease Hauson  Lease No.  Well # 2-33  Casing 858 Depth 74 County Seward  Formation  Formation  Legal Description 33,32,334	
Type Job Surface (NW)  Casing 858 Depth 74 County Seward Formation  Formation  Legal Description 33.32.33 W	
Type Job / Surface (NW) Formation Legal Description 33,32,33 W	
Casing Size Shots/Ft Acid RATE PRESS ISIP	
Depth 7 Depth From To Pre Pad Max 5 Min.	
Volume Volume Pad Min 10 Min.	
Max Press Max Press From To Avg 15 Min.	
Well Connection Annulus Vol. HHP Used Annulus Pressure	
Plug Depth Packer Depth From To Flush Gas Volume Total Load	
Customer Representative Thomson Station Manager Terry Bennett Treater Terry Bennett	
Service Units 114 28 38 70	
Time Pressure Pressure Bbls. Pumped Rate Service Log	
1945 On Location	
1945 Rig running Casing	
2000 Rig up Trucks	
2020 Held Presefty meeting	
2030 100   1 5 Start mix 125 sks	
A-Con (common) 3% cc /4tc	1151ak
e 11,8 ppg	
7.7	
20 200 60.3 5 Start mixing 110 sks	
Class" H" 2% CC, 14" celltla	<u>kc</u>
е 15 ррд	
2053 300 86.3 5 Finish mixing coment	
Release Plug	
2105 200 1 5 Start displacment	
2115 700 34.2 5 Plug down OK RECEIVED Relese back Float He	<del></del>
	10
ADR P5 2006	<del></del>
2150 Complete	
10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-538	3



100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE: 10244 NE Hiway 61

P.O. Box 8613 Pratt, KS 67124-8613 [620] 672-1201 [620] 672-5383 FAX **SALES & SERVICE OFFICE:** 1700 S. Country Estates Rd. PO. Box 129 Liberal, KS 67905-0129 (620) 624-2277 [620] 624-2280 FAX

### Invoice

Bill to:	<u></u> .		63959	01 In	voice In	oice Date		der Date
	OIL	PRODUCERS INC. OF	KANSAS	41	12029	12/14/04		2/3/04
	P.O.	Box 8647		C		Service Desc	cription	
	Wic	hita, KS 67208		Ceme	ent			
					Leo	ise	Wel	1
					Han		2-33	
AF	Ð	T. Thomson J. Bennett  Pescription  A2 (PREMIUM)  -CON BLEND (COMMON)  0/40 POZ (COMMON)  ALCIUM CHLORIDE  ELLFLAKE  LA-322  ALT (Fine)  AS BLOCK	Treater	W	ell Type	Purchase Ord	ler Tern	เร
		T. Thomson	J. Bennett	New	Well		Net 3	30
<u>ID.</u>	Desc	cription		<u>UOM</u>	Quantit	<u>Unit Pri</u>	ce <u>Price</u>	?
D105	AA2	(PREMIUM)		SK	100	\$15.37	\$1,537.00	(T)
D201	A-C	ON BLEND (COMMO	N)	SK	300	\$14.77	\$4,431.00	(T)
D203	60/4	0 POZ (COMMON)		SK	3:	\$9.09	\$318.15	(T)
C310	CAL	CIUM CHLORIDE		LBS	84	5 \$0.90	\$761.40	(T)
C194	CEL	LFLAKE		LB	7	\$3.41	\$242.11	(T) .
C195	FLA	-322		LB	70	5 \$7.50	\$570.00	(T)
C221	SAL	T (Fine)		GAL	51	7 \$0.25	\$129.25	(T)
C312	GAS	BLOCK		LB	7	1 \$5.15	\$365.65	(T)
C321	GIL	SONITE		LB	470	\$0.60	\$282.00	(T)
F230	FLA 4 1/2	PPER TYPE INSERT F 2"	LOAT VALVES,	EA		1 \$160.00	\$160.00	(T)
F100	TUR	BOLIZER, 4 1/2"		EA		5 \$67.00	\$335.00	(T)
C141	CC-	1, KCL SUBSTITUTE		GAL	;	2 \$42.00	\$84.00	(T)
C302	MUI	D FLUSH		GAL	50	\$0.86	\$430.00	(T)
C303	SUP	ER FLUSH		GAL	25	\$2.45	\$612.50	(T)
F142	TOP	RUBBER CEMENT P	LUG, 4 1/2"	EA		1 \$56.25	\$56.25	(T)
E100	HEA	VY VEHICLE MILEA	GE - 1 WAY	MI	. 2	\$3.65	\$91.25	
E107	CEM	ÆNT SERVICE CHAR	.GE	SK	43.	5 \$1.50	\$652.50	
E104		PPANT / BULK DELI E, \$200 MIN	V SERVICES/TON	TM	51	1 \$1.60	\$817.60	
R206		SING CEMENT PUMPE RS ON LOC	ER, 2501-3000' 1ST	EA		1 \$1,533.00	\$1,533.00	
E101	CAR	R, PICKUP OR VAN M	ILEAGE - 1 WAY	MI	2.	5 \$2.15	\$53.75	
R701	CEM	ŒNT HEAD RENTAL		EA		1 \$250.00	\$250.00	

**Sub Total:** \$13,712.41

**Discount:** \$3,691.79

\$493.70

Discount Sub Total: \$10,020.62

RECEIVED

Seward County & State Tax Rate: 6.55% Taxes

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182



100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.O. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX SALES & SERVICE OFFICE:

1700 S. Country Estates Rd. P.O. Box 129 Liberal, KS 67905-0129 (620) 624-2277 (620) 624-2280 FAX

Invoice

(T) Taxable Item

Total:

\$10,514.32

RECEIVED
APR 0 5 2006
KCC WICHITA

		•	INVOICE N	<b>O</b> .	]		1	FIELD (	ORDER	9318
$/\Delta$			Date	2 01	Lease	ct to Correction		Well #	Legal	
			Customer	<u>3-04</u>	County	150A		2.33 State 4.4	Station	325 · 33W
SER	VICES,	rrc	]	-	Se Depth	Formation		KS-	Li	berel
c Dil	Produce	rs Iv	ic of	KS.	273	0			Shoe Joint	31.45
H A					Casing 4 1/2	Casing Depth	7	2730	Job Type 47	Longstring Nu
G					Customer Repre			Treater	erry B	ennett
E				<del></del>	/100	Thoms	A		erry B	ORNEH
AFE Number		PO Nu	ımber		Materials	V1	/_		11	
Product	<del>                                     </del>				Received by	2 3/	7		A O ACC	COUNTING
Code	QUANTITY	MATE	1 / 1		RVICES USED	UNIT PRICE	AMC	TNUC	CORRECTION	AMOUNT
D105	100 sk	HHA	Pres	mium)						
D201	300 sk	A- Ca	ON Blen		mon)					
1203	35 sk	60/9	o Poz	(Com	mo n)					
<b>a</b> = .^	1	0 1	•	<del>., , ,</del>		-	<u> </u>			
<u>C310</u>	846 1b	Cole	ium (	thlorid	C					
<u>C 194</u>	71 16	Cell-	79KC				<u> </u>			
<u>C195</u>	76 16s	FIR	~322 100							
<u>C221</u>	517 16	Salt	(Fine)							
<u>C312</u>	71 15	605	Blok							<del>-</del>
<u>C321</u>	470 lb	Gils	ontc.		<del>~   ~</del>				<del></del>	,
F230	29	Fla	ppar	1400	Insert F	lost Value		<del></del>	<del> </del>	
F100	5 69	74r	bo (12c)	- 47	7					
F210	1 69	Hete	Fill	1 /00/ 3	100 472					
F-170	-	- kart		<del>W4 Mai</del>	A KeHIC 42	2				
<u> </u>	2 901	CC-		, <u>'</u>	•					
	500 gal	Mud	Flust	7					·	
<u>C303</u>	250 901	<u> 54pe</u>	Hush	0 11						
F142	1 50	4/2	Top	Kubb	er Plug	-				-
C	-	41	1	٠	<u>'</u>					
£100	25 m	Hear			Milcogr	1 Way				
E107	435 sk	Cen	ied 5	ervice	Charge	Mana -				
EIVY	511 Tm	Prop	pant &			200 min				
			ng Ce	ment	Pumper	2501-3000	440			
EIDI	25 mi	Pick		leage	2 1 /	1 way		RECEN		
R701	l ea	Cen	icut	trad f	(ental		<u>-</u>			-
					<del> </del>			APR (5	2005	
				· · · · · · · · · · · · · · · · · · ·			1	CC WIC	HITA	1.0 5.0 4.0
			λ-	1	1 1 1	<del>                                     </del>	<u>'</u>	~~~		10 0 2 0 . 6 3
			Dr:		d Total					19,41.57
40044 NF 1	livey 61 . D.O.	Dov-064	2 Death 1/4		us Tax	n) 672-1201 - E	on (COD) (	70 5000		

	,												
· 0	7	•							TREA	ATMENT F	REPOR	Page	= 1
	\ _				ſ	Custome	riD			Date		- V	
		211				Custome	Oil Proc	lucers i	of KS	12 - 3	3.04		
SER	VICE	S L	L C			Lease	Hanson			Lease No.	•	Well # 2-	33
Field Order	St	etion	ibe	ra)			Casing (	YY2 De	Pt 2729	County 5	word	S	tate XS
Type Job	4/2 1	0145	trin	a W	w)			Formation	·		Legal Descri	ption 325 ·	
PIF	PE DATA	7	1	RFORA	TING E	ATA	F	LUID USE	D	Т	REATMENT		
Casing Size	Tubir	g Size	Shots/I	Ft			Acid			RATE	PRESS	ISIP	
Depth 272	9 Depti	)	From		То		Pre Pad			Max	<u> </u>	5 Min.	
Volume	Volum	ne	From		То		Pad			Min		10 Min.	
Max Press	Max F	ress	From		To		Frec			Avg		15 Min.	
Well Connect	ion Annu	lus Vol.	From		То					HHP Used		Annulus Pre	esure
Plug Depth	Pack	er Depth	From		To		Flush			Gas Volume		Total Load	
Customer Re	-	110.0	•			ation Man	Jem	R	nnett	Treater 7	erry B		
Candan Haba	/ım_	no	<u>msan</u>	114	١,	28	38	70	44	75	Pry D	ENHEIL	T
Service Units Time	Casing Pressure		ubing essure	1	Pumped	10	Rate	10			i ee Log	<u>[</u>	
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0400	<u> </u>					+-			Set	Locatio	ucks	<u>,</u>	
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0745	200			3			5		Rus			Mudfl	
0746	200	)		3		2	5	Ī		5 661			
0748	250			4	•	1	<u>5</u>		Run	6 66	1 30	perflus	54
0749	250			4			5		Run	5 bbl 35 sk:	fresh	water	Spacer
	•								Mix	35 sk	5 60/	10 Por	7
0757	300			5	5.6		5		Scar	jenger e 300 sk	mt at	14.8	Paa
								_	Mix	300 sk	s A-C	on (Com	imon)
									3%	ac . 144	Cellfla	ke m	ired
0813	350			30	98.9		5/2		e	1.6 PP9			
									MIX	100 sks	AA-2	Premiu	m
						- 1	RECEN	1	34# 6	besblock,	,8% F	LA - 32	7
							APR 05	2005	18% d	1+ 5#	· lanit		- 1

KCC WIGHITA

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

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		C					Custor		1 Prod	mer	of	Ks		12.	<u>3 ·</u>	84	1	•		
SER	V + 0	C E 5	L	L C			Lease		lanso	N				ease No.			We	** 2	-33	
ed Order		Station	<u>"Li"</u>	bera	1				Casing 4	1/2	Depth	2729	C	ounty Se	دس:	and			State	_
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Casing Size	12	Tubing S	ze	Shots/F	<del>1</del>	T		A	vcid					RATI	E F	RESS	T	SIP		
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Max Press		Max Pres	8			1		F	rac				Avg				1	15 <b>M</b> in.	· - <u>-</u> -	_
Well Connecti	ion .	Annulus \	/ol.	From		To							ННР	Used	$\top$		-   /	Annulus I	Pressure	
Plug Depth	_	Packer D	epth	From		To		F	lush				Ges	Volume	+		+	Total Los	nd .	_
Customer Rep	present	tative _	ho	From MSD1	1	То	Station M	anager	Jerr	y B	enné	=1/		Treater	Te	rry	Be	nnel	1	<del>-</del>
Service Units					114		28	4	38	70		44		75						_
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10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383



100 S. Main Suite #607 Wichita KS 67202 (316) 262-3699 (316) 262-5799 FAX SALES & SERVICE OFFICE:

10244 NE Hiway 61 P.O. Box 8613 Pratt, KS 67124-8613 (620) 672-1201 (620) 672-5383 FAX **SALES & SERVICE OFFICE:** 1700 S. Country Estates Rd. P.O. Box 129

P.O. Box 129 Liberal, KS 67905-0129 (620) 624-2277 (620) 624-2280 FAX

### Invoice

Bill to:			63959	01	Invoice	Invo	ice Date	Order	Or	der Date
	OIL PRODUCE	ERSINC O	FKANSAS		412062	12	/17/04	9329	1	2/9/04
	P.O. Box 8647	J10 1110. O	I II II IO II O				Service Des	cription		
	Wichita, KS 67	1206		Ce	ement					
	wichita, KS 07	200		i						
						Leas			Wei	1
					]	Hanso	n		2-3:	3
AFE	Custo	merRep	Treater		Well Type	P	urchase Or	der	Tern	าร
	T. Th	omson	S. Frederick	Νe	ew Well				Net 3	30
ID.	<b>Description</b>			<u>UOM</u>	1 Qua	ntity	Unit Pri	<u>ce</u>	Price	2
D200	COMMON			SK		90	\$12.3	8 \$1,1	14.20	(T)
R700	SQUEEZE MA	NIFOLD		EA		1	\$430.0	0 \$4	30.00	(T)
E100	HEAVY VEHI	CLE MILEA	GE - 1 WAY	ΜI		15	\$3.6	5 \$	54.75	
E107	CEMENT SER	VICE CHAI	RGE	SK		90	\$1.5	0 \$1	35.00	
E104	PROPPANT / E	BULK DELI	V SERVICES/TON	TM		60	\$1.6	0 \$	96.00	
	MILE, \$200 MI	IN .								
R306		IPER, 2501-	3000' 1ST 4 HRS	EA		1	\$1,512.0	O \$1,5	12.00	
	ON LOC									
E101	CAR, PICKUP	OR VAN M	ILEAGE - 1 WAY	MI		15	\$2.1	5 \$	32.25	
							0.100.1		74.00	

**Sub Total:** \$3,374.20

**Discount:** \$776.06

Discount Sub Total: \$2,598.14

Seward County & State Tax Rate: 6.55% Taxes: \$77.88

(T) Taxable Item **Total:** \$2,676.02

RECEIVED
APR 0 5 2006
KCC WICHITA

		INVOICE NO.	Subject	to Correction	FIE	LD O	RDER	9329
		Date /2-9-04	Lease /JANSo	~ ~	Well #	-33	Legal 3 3	-325-38W
SER	VICES,	Customer ID	County	JARD	State		Station	
			Depth	Formation	1 , , ,		Shoe Joint	~
CH	D.L PR	oducers	Casing 4	Casing Depth	TD		Job Type	
A R ————	<u>.</u>		Customer Represe				Squee	ze (NW)
G E		•		Thomson	<u> </u>	5/	aun FR	ze (NW) ZEDERICH
							//	
AFE Number	r	PO Number	Materials Received by	X I		1	Lam	<b>53</b> -
Product Code	QUANTITY	MATERIAL, EQUIPMENT and	SERVICES USED	UNIT PRICE	AMOUNT	C	ACC ORRECTION	OUNTING AMOUNT
DZ00	90 34	Common						
							··	
R700	1 ea	Squeze marit	old					
;							-	
							•	
£100	15 mi	Units 1 mil	es 1-way					
E107	90 54		•					
E104	GO TM		riles 15					
R304	1eu	Cont Pemper L						
Eiol	15mi	P.U. milean						
		<u> </u>						
<u> </u>					RECE	IVED		
		Discourted	total		APR OF	2008		2598.14
		1	TAY					
			•		KCC W		-	
					gard grove			
10244 NE	Hiway 61 · P.O	. Box 8613 · Pratt, KS 67124	1-8613 · Phone (62	0) 672-1201 · F	ax (620) 672-5	383 тот	AL	

# TREATMENT REPORT

951						Cust	lomer ID						Date						
SERVICE Field Order \$ S 9329 Type Job  PIPE DATA  Casing Size  Tubi  2 Depth  Color S  Max  Plug Depth  Customer Representative  Service Units  Time  Casing  Casing  Casing  Customer Representative  Customer Representative  Customer Representative						Cus		il Pr	o D u C	ur.	<u>.                                    </u>		Lease		-9-0	<del> </del>	Vell #		
	The Pressure Pressure  Se Units  Casing Tubing Pressure  Pressure Pressure  Connection Annulus Vol.  Pressure Pressure  Connection Promotion  Con	٠ .	L C			Load	<u> </u>	LANSO	<u>ہ</u>			_				`	<u>z</u> -		
9329		CAL				Casing		Dep 2	10 10/3	-19	Count	<u>ς εω</u>	ARA	Descripti	00	State	رج		
	Soure	re		(Nu	<b>J</b>				runi	RELICIT					33	3	ZS -2	<u>33 4</u>	<u> </u>
PIF	Station  LIBERAL  Station  LIBERAL  SCUECE (No. 1)  SCUECE (No. 1)  SCUECE (No. 1)  SCUECE (No. 1)  Tubing Size 2 Shots/Ft 23/8  Depth (Prom 1)  Volume (No. 1)  From (No. 1)  Representative (No. 1)  Casing (No. 1)  Pressure (Pressure (P		RFORA	TING	DAT	A	FI	ו סוט	USEC	)			Т	REATM	MENT	RESUM	1E		
	The Pressure Pressure Bbls.  John Squeeze Station  Size Tubing Size Shots/Ft  Z3/8  John Size Tubing Size Shots/Ft  Z3/8  John Size Shots/Ft  Z3/8  John Size Shots/Ft  Z3/8  John Size Shots/Ft  Julits From  Julits Tubing Size From  Julits From  Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits  Julits Julits Julits Julits  Julits Julits Julits Julits Julits  Julits Julits Julits Julits Julits  Julits Julits Julits Julits Julits Julits  Julits Juli	ŧ				90 5	. le	ממל	ردمه			RATE	PRES	S	ISIP				
epth		То			Pre Pad				\ \ \	Aex				5 Min.		·			
olume		<del></del>				Ped					<b>Vi</b> in				10 <b>M</b> in.				
ax Press				То	· · ·		Frec				1	Avg		<del>                                     </del>		15 <b>M</b> in.	····		
ell Connect	ion Annulu		From		To							+	HHP Use	d	<del> </del>		Annulu	Press	ure
ug Depth	Depth Recker Depth  Caunits  Casing  Pressure  P	Depth	From	··	То			Flush					Gas Volu	me	<del>                                     </del>		Total L	pad	<del></del>
uctomer Per		2a	From		То	Station	Manage		ATE				Tre	ater ~	<u> </u>				
	g Depth Recite stormer Representative vice Units Time Casing Pressure	ــ بحثا	Tho	سعسا	_			Jer	9		1NE7	<u>T</u>		رد	hain	FR	EDE	RILL	
ervice Units				114		44		75	9	8									
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