

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

ORIGINAL

Operator: License # 8061
Name: Oil Producers, Inc. of Kansas
Address: P.O. Box 8647
City/State/Zip: Wichita, KS 67208
Purchaser: Oneok
Operator Contact Person: Diana Richecky
Phone: (316) 681-0231
Contractor: Name: Val Energy, Inc.
License: 5822

Wellsite Geologist: William H. Shepherd
Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/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. _____

<u>10/29/2003</u>	<u>11/01/2003</u>	<u>01/02/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-21902 - 00-00
County: Seward
E/2, SE, NW Sec. 30 Twp. 32 S. R. 31 East West
3300 feet from (S) N (circle one) Line of Section
2970 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) (NW) SW
Lease Name: Birney Irwin Well #: 1-30

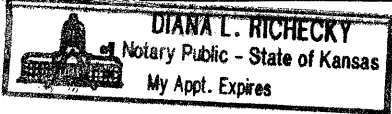
Field Name: Arkalon
Producing Formation: Chase Group
Elevation: Ground: 2784' Kelly Bushing: 2789'
Total Depth: 2800' Plug Back Total Depth: 2710'
Amount of Surface Pipe Set and Cemented at 567 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan *ALLIEN 3-8-04*
(Data must be collected from the Reserve Pit)
Chloride content 28,000 ppm Fluid volume 250 bbls
Dewatering method used Evaporate
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: _____
Title: PRESIDENT Date: 2/23/2004
Subscribed and sworn to before me this 23 day of February,
2004.
Notary Public: _____
Date Commission Expires: 1/12/2008



KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

X

Operator Name: Oil Producers, Inc. of Kansas Lease Name: Birney Irwin Well #: 1-30

Sec. 30 Twp. 32 S. R. 31 East West County: Seward

ORIGINAL

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

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Herington	2590'	+203'
Krider	2618'	+175'
Winfield	2700'	+93'
Towanda	2754'	+39'
LTD	2802'	-9'
RTD	2800'	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8"	23#	567	see note #1	see note	see note #1
Production		4 1/2"	10.5#	2796	see note #1	see note	see note #1

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		see note #1	see note #1	see note #1

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"	2680.71'		Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enh r.	Producing Method			
01/02/2004	Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		85		

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 _____

Note #1:

Surface	Type of Cement	Type and Percent Additives
150 sacks	A-con	3% cc, 1/4# cellflake/sack
125 sacks	60/40 poz	3% cc, 1/4# cellflake/sack
Production		
320 sacks	Mid-con II PP	2% cc, 1/4# floseal/sack
150 sacks	Premium H	5% calseal, 1/4# floseal, 10% salt, 5# gilsonite
Squeeze		
100 sacks	Common	

RECEIVED
FEB 24 2004
KCC WICHITA



ORIGINAL

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: OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208 RECEIVED FEB 24 2004 KCC WICHITA	6395901	Invoice	Invoice Date	Order	Order Date
		310176	11/12/03	6680	10/30/03
	Service Description				
	Cement				
		Lease		Well	
		Birney-Irwin		1-30	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	T. Thomson	S. Frederick	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	125	\$7.84	\$980.00 (T)
D201	A-CON BLEND (COMMON)	SK	150	\$13.08	\$1,962.00 (T)
C310	CALCIUM CHLORIDE	LBS	744	\$0.75	\$558.00 (T)
C194	CELLFLAKE	LB	62	\$2.00	\$124.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)
F303	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1	\$72.00	\$72.00 (T)
D200	COMMON	SK	150	\$10.39	\$1,558.50 (T)
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	3	\$210.00	\$630.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E107	CEMENT SERVICE CHARGE	SK	275	\$1.50	\$412.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25	\$3.25	\$81.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	310	\$1.30	\$403.00
R302	CEMENT PUMPER, 501-1000' 1ST 4 HRS ON LOC	EA	1	\$935.00	\$935.00

Sub Total:	\$8,051.25
Discount:	\$2,576.40
Discount Sub Total:	\$5,474.85
Seward County & State Tax Rate: 6.30%	Taxes: \$228.74
(T) Taxable Item	Total: \$5,703.59

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

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

ORIGINAL



INVOICE NO.
Date 10-30-03
Customer ID

Subject to Correction

FIELD ORDER

6680

CHARGE

Lease Birnex-Irwin	Well # 1-30	Legal 30-325-31W
County SEWARD	State KS	Station LEBERAL
Depth 575	Formation	Shoe Joint 44
Casing 8 5/8	Casing Depth 575	TD 580
Customer Representative Tim Thomson	Job Type 8 5/8 surface (N.W.)	Treater Shawn FREDERICK

Oil Producers of KANSAS

RECEIVED

FEB 24 2004

AFE Number

PO Number

KCC WICHITA

Materials Received by

X

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D203	125 sk	60/40 Poz (common)				
D201	150 sk	A-Con Blend (common)				
C310	744 lb	CALCIUM Chloride				
C194	62 lb	CELLFLAKE				
F163	1 ea	Wooden Plug 8 5/8				
F303	1 ea	BAFFLE Plate 8 5/8				
D200	150 sk	Common for Linch				
R402	3 ea	ADDITIONAL HRS				
R701	1 ea	CMT HEAD RENTAL				
E107	275 sk	CMT SERVICE charge				
E100	25 mi	UNITS 1 MILES 1 way				
E104	310 Tm	TONS 12 MILES 25				
R302	1 ea	EA. 4 hrs PUMP CHARGE				
Discounted TOTAL Plus TAX						5474.85
						3986.62

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

TOTAL

ORIGINAL

TREATMENT REPORT



Customer ID		Date	
Customer <i>Oil Producers</i>		<i>10-30-03</i>	
Lease <i>Birney-Triwin</i>		Lease No.	Well # <i>1-30</i>
Field Order # <i>10680</i>	Station <i>LIBBRO1</i>	Casing <i>8 7/8</i>	Depth <i>575</i>
Type Job <i>8 7/8 Surface (NW)</i>	Formation	County <i>SEWARD</i>	State <i>KS</i>
		Legal Description <i>37-325-31W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 7/8</i>	Tubing Size	Shots/Ft		Acid <i>150 Sh A-Con</i>		RATE	PRESS	ISIP
Depth <i>575</i>	Depth	From	To	Pre Pad <i>125 Sh 60/40 P02</i>		Max		5 Min.
Volume <i>34</i>	Volume	From	To	Pad <i>150 Shs Common</i>		Min		10 Min.
Max Press <i>1000</i>	Max Press	From	To	Frac <i>(1")</i>		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>WATER</i>		Gas Volume		Total Load

Customer Representative <i>Tim Thomson</i>	Station Manager <i>Dirk Morris</i>	Treater <i>Shaun Frederick</i>
---	---------------------------------------	-----------------------------------

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0100					ON LOCATION / Rig pulling D.P.
0105					PRE-JOB SAFETY MEETING
0110					Rig up P.T.
0200					D.P. OUT OF HOLE / Rig up CASERS
0230					START IN W/ CASING / F.E.
0305					CASING ON BOTTOM / Hook up P.C.
0320					BREAK Cir W/ Rig
0330					Through Cir / Hook lines to P.T.
0335	150		72	4	Pump 150 Sh A-Con @ 11.5#
0350	50		28	4	Pump 125 Sh 60/40 P02 @ 14.6#
0355					SHUT DOWN / Drop Plug
0404	Ø		34	6	Pump D.SP
0408	250		2	2	NO CNT TO PT
0408	250			2	SLOW RATE
0410	500			2	LAND Plug
0413					SHUT in P.C.
0415					WASH lines to P.T
0430					JOB complete WAIT ON MORE CNT
0830			32	2	1" with 150 Shs Common @ 13#
0910			(2 Bbls)		CNT TO Surface ✓
0930					SHUT DOWN / WASH lines to P.T / JOB Complete

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

HALLIBURTON

SALES ORDER

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 2753635

Sales Order Date: November 02, 2003

SOLD TO:
 OIL PRODUCERS INC OF KANSAS
 BOX 8647
 WICHITA KS 67208
 USA

RECEIVED
FEB 24 2004
KCC WICHITA

Rig Name:
Well/Rig Name: OIL PROD BIRNEY-IRWIN 1-30, SEWARD
Company Code: 1100
Customer P.O. No.: N/A
Shipping Point: Liberal, KS, USA
Sales Office: Mid-Continent BD
Well Type: Gas *RM*
Well Category: Development
Service Location: 0037
Payment Terms: Net due in 20 days
Ticket Type: Services

SHIP TO:
 OIL PROD BIRNEY-IRWIN 1-30, SEWARD
 BIRNEY-IRWIN
 *
 KISMET KS 67859
 USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	PSL - CMT PRODUCTION CASING - BOM JP035	1.00	JOB					
1	"ZI-MILEAGE FROM NEAREST HES 000-117 Number of Units	40.000	MI		5.28	211.20	105.60-	105.60
86955	ZI FUEL SURCHG-HEAVY TRKS >1 1/2 FUEL SURCHG-HEAVY TRKS >1 1/2 TON/PER MI Number of Units	40.000	MI		0.24	9.60		9.60
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	40.000	MI		3.11	124.40	62.20-	62.20
86954	ZI FUEL SURCHG-CARS/PICKUPS<1 FUEL SURCHG-CARS/PICKUPS<1 1/2TON/PER/MI Number of Units	40.000	MI		0.08	3.20		3.20
16091	ZI - PUMPING CHARGE 001-016 DEPTH FEET/METRES (FT/M)	1.000	EA		2,594.00	2,594.00	1,297.00-	1,297.00
16092	ADDITIONAL HOURS (PUMPING EQUIPMENT), ZI 001-018 / CSG PUMPING.ADD HR,ZI	1.000	EA					

HALLIBURTON

RECEIVED

ORIGINAL

Halliburton Energy Services, Inc.

FEB 24 2004

KCC WICHITA

Sales Order Number: 2753635

Sales Order Date: November 02, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
	HOURS	2	hr					
132	PORT. DAS W/CEMWIN;ACQUIRE W/HES, 045-050 NUMBER OF DAYS	1.000	JOB		962.00	962.00	481.00-	481.00
142	AXIAL FLOW MIXER,W/O ADC,/JOB,ZI 046-070 NUMBER OF JOBS	1.000	EA		665.00	665.00	332.50-	332.50
74038	ZI PLUG CONTAINER RENTAL-1ST DAY DAYS OR FRACTION (MIN1)	1.000	EA	770.00	770.00	770.00	385.00-	385.00
100004722	SHOE,GID,4-1/2 8RD SHOE,GUIDE, 4-1/2 8RD	1.000	EA		173.23	173.23	86.62-	86.61
100013745	PLUG ASSY - 3W LATCHDOWN - 4-1/2 IN 593801.0373 / PLUG ASSY - 3 WIPER LATCH- DOWN - 4-1/2 / CSG	1.000	EA		363.36	363.36	181.68-	181.68
100004364	BAFFLE ASSY - 4-1/2 8RD LATCHDOWN PLUG / 594801.03734 / BAFFLE - CAST IRON - 4-1/2 8RD LATCH / DOWN PLUG	1.000	EA		151.31	151.31	75.66-	75.65
100004491	CTRZR ASSY,TURBO,API,4 1/2 CSG X 7 7/8 40 806.60104 / CENTRALIZER ASSY - TURBO - API - / 4-1/2 CSG X 7-7/8 HOLE - HINGED - / W/WELDED IMPERIAL BOWS AND FLUID / DEFLECTOR FINS	5.000	EA		90.96	454.80	227.40-	227.40
100004638	CLAMP-LIMIT-4 1/2-FRICT-W/DOGS XXXXXXX 806.72720 / CLAMP - LIMIT - 4- 1/2 - FRICTION - / W/DOGS	1.000	EA		34.65	34.65	17.33-	17.32
100005045	KIT,HALL WELD-A KIT, HALLIBURTON WELD-A / (1 kit per fiberboard box)	1.000	EA		36.86	36.86	18.43-	18.43

HALLIBURTON

Halliburton Energy Services, Inc.

RECEIVED

ORIGINAL

FEB 24 2004

Sales Order Number: 2753635

KCC WICHITA

Sales Order Date: November 02, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
13383	SBM MUD FLUSH,ZI 018-315 / SBM MUD FLUSH,ZI	500.000	GAL		1.26	630.00	315.00-	315.00
100003639	CHEM, HALLIBURTON SUPER FLUSH, 68 LB BAG 516.00114 / CHEMICAL - HALLIBURTON SUPER FLUSH	6.000	SK		171.00	1,026.00	513.00-	513.00
15079	SBM MIDCON 2 PREMIUM PLUS / 504-282 SBM MIDCON 2 PREMIUM PLUS /	320.000	SK		26.05	8,336.00	4,168.00-	4,168.00
100005053	Chemical - Calcium Chloride Hi Test Plt 509-406890.50812 / CALCIUM CHLORIDE - HI TEST PELLETT - / 94-97% CACL 2 - 80# BAG	6.000	SK		119.47	716.82	358.41-	358.41
100005049	Chemical - Flocele (25 lb sk) / XXXXXXXX 890.50071/ / FLOCELE - 3/8 - 25 LB SACK	118.000	LB		2.86	337.48	168.74-	168.74
100003687	CEM,CLASS H / PREMIUM, BULK CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	150.000	SK		22.69	3,403.50	1,701.75-	1,701.75
100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	7.000	SK		56.94	398.58	199.29-	199.29
101007446	CHEM,D-AIR 3000, 40 LB BAG Chemical - D-Air 3000	38.000	LB		5.88	223.44	111.72-	111.72
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	750.000	LB		0.83	622.50	311.25-	311.25
100003670	CHEMICAL - HALAD-344 - 50 LB SACK	103.000	LB		45.61	4,697.83	2,348.92-	2,348.91

RECEIVED

ORIGINAL

FEB 24 2004

Sales Order Number: 2753635 KCC WICHITA Sales Order Date: November 02, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100003695	XXXXXXX 516.00227 / CHEMICAL - HALAD- 344 - 50 LB SACK CHEM, SALT,CEM GR,BULK	742.000	LB		0.26	192.92	96.46-	96.46
3965	509-968516.00315 / SALT - CEMENT GRADE - BULK HANDLE&DUMP SVC CHR, 500-207 NUMBER OF EACH	542.000	CF		2.96	1,604.32	802.16-	802.16
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,209.000	MI		1.81	2,188.29	1,094.15-	1,094.14
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	1,209.000	MI		0.08	96.72		96.72
SALES ORDER AMOUNT		/				31,028.01	15,459.27-	15,568.74
Sales Tax - State								577.68
Sales Tax - County								109.00
SALES ORDER TOTAL								16,255.42
Total Weight: 53,877.14 LB								US Dollars

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X _____
Customer Signature: X _____

HALLIBURTON

Halliburton Energy Services, Inc.

RECEIVED

FEB 24 2004

ORIGINAL

Sales Order Number: 2753635 **KCC WICHITA** Sales Order Date: November 02, 2003

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
3965	HANDLE&DUMP SVC CHRG, 500-207 NUMBER OF EACH	542.000 1	CF each		2.96	1,604.32	802.16-	802.16
76400	ZI MILEAGE,CMT MTLs DEL/RET MIN 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,209.000 1.00	MI ton		1.81	2,188.29	1,094.15-	1,094.14
87605	ZI FUEL SURCHG-CMT & CMT ADDITIVES FUEL SURCHG-CMT & CMT ADDITIVES/PER TNM NUMBER OF TONS	1,209.000 1.00	MI ton		0.08	96.72		96.72
SALES ORDER AMOUNT						31,164.84	15,527.68-	15,637.16
Sales Tax - State								581.31
Sales Tax - County								109.68
SALES ORDER TOTAL								16,328.15 US Dollars
Total Weight: 53,880.14 LB								
<i>Add: 410481 Hrs</i>		<i>2</i>			<i>516⁰⁰</i>	<i>1032⁰⁰</i>		<i>N/C</i>

ORIGINAL

INVOICE INSTRUCTIONS:

Operator Name:
Customer Agent:

Halliburton Approval: X
Customer Signature: X

[Handwritten Signature]

HALLIBURTON JOB SUMMARY

SALES ORDER NUMBER 2753635	TICKET DATE 11/02/03
BDA / STATE MC/Ks	COUNTY SEWARD
PSL DEPARTMENT Cement	ORIGINAL
CUSTOMER REP / PHONE TIM THOMPSON	1-620-482-2943
SAP BOMB NUMBER 7523	Cement Production Casing
HES FACILITY (CLOSEST TO WELL SITE) Liberal, Ks	

REGION Central Operations	NWA / COUNTRY Mid Continent/USA
MBU ID / EMPL # MCLI0110 / 217398	H.E.S. EMPLOYEE NAME Mickey Cochran
LOCATION LIBERAL	COMPANY OIL PRODUCERS OF KS.
TICKET AMOUNT \$16,328.15	WELL TYPE 01 OIL
WELL LOCATION NORTH OF KISMET, KS	DEPARTMENT ZI
LEASE NAME BIRNEY-IRWIN	Well No. 1-30
	SEC / TWP / RNG 30 - 32S - 31W

HES EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Cochran, M 217398	11.0			
Clemens, A 198516	11.0			
Archuleta, M 226383	11.0			
Schawo, N 222552	11.0			

H.E.S. UNIT #S / (R / T MILES)	R / T MILES	R / T MILES	R / T MILES	R / T MILES
10547690	40			
10251403	40			
10243558/10011277	50			
10010752/10011272	50			

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

Tools and Accessories

Type and Size	Qty	Make
Float Collar BAFFLE	1	H
Float Shoe		O
Centralizers	5	W
Top Plug LATCH DOWN	1	C
HEAD	1	H O
Limit clamp	1	O
Weld-A	1	W
Guide Shoe	1	C
BTM PLUG		O

Materials

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

Date	Called Out	On Location	Job Started	Job Completed
	11/2/2003	11/2/2003	11/2/2003	11/2/2003
Time	0430	0630	1535	1632

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing		10.5#	4 1/2"		0	2,796	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			7 7/8"				
Perforations							Shots/Ft.
Perforations							
Perforations							

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
11/2	11.0	11/2	1.0	Cement Production Casing
Total	11.0	Total	1.0	

Ordered _____	Hydraulic Horsepower Avail. _____	Used _____
Treating _____	Average Rates in BPM Disp. _____	Overall _____
Feet _____	Cement Left in Pipe Reason _____	SHOE JOINT

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	320	MIDCON II PP		2% CC - 1/4# FLOCELE	17.88	2.91	11.40
2	150	PREMIUM H		5% CALSEAL - 1/4# FLOCELE - 10% SALT - 5% GILSONITE - .25% D-AIR	5.95	1.42	15.00
3							
4							

Summary

Circulating _____	Displacement _____	Preflush: BBI _____	Type: H2O,S-F,M-F
Breakdown _____	MAXIMUM _____	Load & Bkdn: Gal - BBI _____	Pad:Bbl -Gal _____
Lost Returns-y _____	Lost Returns-n _____	Excess /Return BBI _____	Calc.Disp Bbl _____
Cmt Rtrn#Bbl _____	Actual TOC _____	Calc. TOC: _____	Actual Disp. 44
Average _____	Frac. Gradient _____	Treatment: Gal - BBI _____	Disp:Bbl _____
Shut In: Instant _____	5 Min. _____	Cement Slurry BBI _____	
	15 Min. _____	Total Volume BBI _____	272.00

Frac Ring #1 _____ | Frac Ring #2 _____ | Frac Ring #3 _____ | Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER REPRESENTATIVE _____
 SIGNATURE _____

RECEIVED
FEB 24 2004

ORIGINAL

HALLIBURTON JOB LOG KCC WICHITA		TICKET # 2753635	TICKET DATE 11/02/03
REGION Central Operations	NWA / COUNTRY Mid Contitnent/USA	BDA / STATE MC/Ks	COUNTY SEWARD
MBU ID / EMPL # MCL10110 / 217398	H.E.S EMPLOYEE NAME Mickey Cochran	PSL DEPARTMENT Cement	
LOCATION LIBERAL	COMPANY OIL PRODUCERS OF KS.	CUSTOMER REP / PHONE TIM THOMPSON 1-620-482-2943	
TICKET AMOUNT \$16,328.15	WELL TYPE 01 Oil	API/UWI #	
WELL LOCATION NORTH OF KISMET, KS	DEPARTMENT ZI	JOB PURPOSE CODE Cement Production Casing	
LEASE NAME BIRNEY-IRWIN	Well No. 1-30	SEC / TWP / RNG 30 - 32S - 31W	HES FACILITY (CLOSEST TO WELL) Liberal, Ks

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
Cochran, M 217398	11						
Clemens, A 198516	11						
Archuleta, M 226383	11						
Schawo, N 222552	11						

Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Rate		Press.(PSI)		Job Description / Remarks
				N2	CSG.	Tbg		
	0830							JOB READY
	0430							CALLED FOR JOB
	0500							PRETRIP SAFTY MEETING
	0600							ARRIVE ON LOCATION
	0605							PREJOB SAFTY MEETING W/ HALLIBURTON CREW
	0800							SPOT EQUIPMENT
	0810							RIG UP EQUIPMENT
	1115							START CASING
	1500							CASING ON BOTTOM & CIRCULATE W/ RIG PUMP(S)
	1535				2500			PRESSURE TEST PUMPS & LINES
	1537	5.0	3.0		120			START FRESH H2O AHEAD
	1538	5.0	6.0		120			START SUPER FLUSH
	1540	5.0	3.0		120			START FRESH H2O BEHIND
	1540	5.0	12.0		120			START MUD FLUSH
	1542	6.5	160.0		125			START LEAD CEMENT 320 SKS @ 11.4#
	1607	6.5	38.0		400			START TAIL CEMENT 150 SKS @ 15#
	1617							SHUT DOWN & WASH PUMP & LINES
	1618							DROP PLUG
	1621	8.0	44.0		100			START DISPLACEMENT W/ FRESH H2O
	1623	7.0	12.0		250			DISPLACEMENT CAUGHT CEMENT
	1627	2.0	34.0		450			SLOW RATE
	1631	2.0	44.0		1150			BUMP PLUG
					610			PRESSURE BEFORE PLUG LANDED
								CIRCULATED CEMENT TO PIT ✓
THANK YOU FOR CALLING HALLIBURTON MICKEY & CREW								



ORIGINAL

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:			6395901	Invoice	Invoice Date	Order	Order Date
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				311093	11/28/03	7273	11/20/03
				Service Description			
				Cement			
				Lease		Well	
				Birney-Irwin		1-30	
AFE	CustomerRep	Treater		Well Type	Purchase Order	Terms	
	Tim	K Gordley		New Well		Net 30	

RECEIVED
 FEB 24 2004
 KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D200	COMMON	SK	100	\$10.39	\$1,039.00 (T)
C310	CALCIUM CHLORIDE	LBS	282	\$0.75	\$211.50
E107	CEMENT SERVICE CHARGE	SK	100	\$1.50	\$150.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	21	\$3.25	\$68.25
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	154	\$1.30	\$200.20
R306	CEMENT PUMPER, 2501-3000' 1ST 4 HRS ON LOC	EA	1	\$1,512.00	\$1,512.00
R700	SQUEEZE MANIFOLD	EA	1	\$430.00	\$430.00

Sub Total: \$3,610.95
Discount: \$830.67
Discount Sub Total: \$2,780.28
 Seward County & State Tax Rate: 6.30% **Taxes:** \$50.40
 (T) Taxable Item
Total: \$2,830.68

intangible
 Cement for squeezing

ENTERED
 DEC 08 2003

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

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



ORIGINAL
TREATMENT REPORT

Customer ID		Date	
Customer <i>OLD PROD. DWG OF KS.</i>		<i>11-20-03</i>	
Lease <i>BIRNEY - IRWIN</i>		Lease No.	Well # <i>1-30</i>
Field Order # <i>2273</i>	Station <i>PLATT, KS</i>	Casing <i>4 1/2</i>	Depth
Type Job <i>SQUEEZE - NW</i>	Formation <i>INDIANFIELD</i>	County <i>SEWARD</i>	State <i>KS.</i>
		Legal Description <i>30-32-31</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size <i>2 7/8</i>	Shots/Ft <i>1/4</i>		Acid		RATE	PRESS	ISIP
Depth	Depth <i>2710'</i>	From <i>2718</i>	To <i>2728</i>	Pre Pad		Max		5 Min.
Volume	Volume <i>10.5</i>	From	To	Pad	RECEIVED	Min		10 Min.
Max Press	Max Press	From	To	Frac	FEB 24 2004	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush	KCC WICHITA	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative <i>TEEM</i>	Station Manager <i>ANTHONY</i>	Treater <i>K. GORDLEY</i>
--	-----------------------------------	------------------------------

Service Units					Service Log	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate		
<i>0930</i>					<i>ON LOCATION</i>	
					<i>PERFS - 2718-2728</i>	
					<i>RETAINER - 2710'</i>	
					<i>RUN TBC AND STINGER</i>	
					<i>STANG IN</i>	
<i>1225</i>	<i>500</i>		<i>27</i>	<i>2</i>	<i>LOAD & PSP UP ANNULUS</i>	
		<i>500</i>	<i>13</i>	<i>3</i>	<i>INJ. RATE TBC - 3BPM - 500#</i>	
<i>1230</i>		<i>300</i>	<i>0</i>	<i>2</i>	<i>MIX 100SL COMMON 2%CC</i>	
		<i>300</i>	<i>10 1/2</i>	<i>2</i>	<i>CEMENT ON PERFS - 50 SL</i>	
<i>1258</i>		<i>700</i>	<i>18</i>	<i>2</i>	<i>PSP INCREASE - 80 SL</i>	
		<i>1000</i>	<i>21</i>	<i>1 1/2</i>	<i>100SL MIXED</i>	
		<i>1000</i>	<i>0</i>	<i>1</i>	<i>START DISP</i>	
		<i>1500</i>	<i>3</i>	<i>1/2</i>	<i>STOP PUMP</i>	
					<i>SPACE FOR 10 MINUTES</i>	
<i>1250</i>		<i>1500</i>	<i>3 1/2</i>	<i>1/4</i>	<i>HEAD 1500#</i>	
					<i>STANG OUT</i>	
<i>1300</i>	<i>1000-200</i>		<i>18</i>	<i>1 1/2</i>	<i>REVERSE OUT</i>	
					<i>60SL CEMENT OUT PERFS.</i>	
<i>1330</i>					<i>JOB COMPLETE - THANKS - KEVIN</i>	

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

311093

ORIGINAL
FIELD ORDER 7273



INVOICE NO.		Subject to Correction					
Date	11-20-03	Lease	BIRNEY-IRWIN	Well #	1-30	Legal	30-32-31
Customer ID		County	SEWARD	State	Ks.	Station	PRATT, Ks
Oil Prod. INC. OF Ks.		Depth	2717-2728	Formation	WINDFOLD	Shoe Joint	
		Casing	4 1/2	Casing Depth		TD	
		Customer Representative		TDM	Treater		
				K. GORNEY			

CHARGE

AFE Number	PO Number	Materials Received by	X <i>[Signature]</i>
------------	-----------	-----------------------	----------------------

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	100 SK	COMMON CEMENT	✓			
C310	282 LB	CALCIUM CHLORIDE	✓			
RECEIVED						
FEB 24 2004						
KCC WICHITA						
E107	100 SK.	CEMENT SERV. CHARGES				
E100	21 mile	UNITS MILES				
E104	154 TM	TONS MILES				
R306	1 EA.	EA. PUMP CHARGE				
R700	1 EA.	SQUEEGE WINDFOLD				
PRICE =				2780.28		

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

RECEIVED

FEB 24 2004

KCC WICHITA

1

ORIGINAL

OIL PRODUCERS, INC. OF KANSAS
SET & CEMENT PRODUCTION CASING

WELL - BIRNEY IRWIN #1-30

LEGAL - E/2-SE-NW of SEC. 30-32s-31w

API # - 15-175-21902

G.L. - 2783'

K.B. - 10' ABOVE G.L. @ 2793'

SURFACE CSN - 8 5/8" @ 567'

RTD - 2800'

LTD - 2802'

CASING ON LOCATION - 70 JTS, 4 1/2" 10.5# NEW R-3 CSN. (2968.86')

CASING RAN - 66 JTS, 4 1/2" 10.5# NEW R-3 CSN (2796.27')

CASING CHARGED - ALL FROM SMITH SUPPLY OPIK STOCK

CASING SET - 2796'

D.V. TOOL SET @ - NONE

SHOE JT - 12.40

TOP INSERT - 2783.87'

CENTRALIZERS SET @ - 2783'-2654'-2527'-2356'-2183'

BASKETS SET @ - NONE

FLUSH - 6 BBL H2O SPACER - 6 BBL SUPER FLUSH - 6 BBL H2O SPACER - 6 BBL MUD FLUSH

CEMENT -

PACKER SHOE SET @ - NONE

DRILLING CONTRACTOR - VAL RIG #2

CEMENT CONTRACTOR - HALLIBURTON

PLUG DOWN @ - 4:31 PM 11/2/03

NOTES - HAD GOOD CIRCULATION THROUGHOUT CEMENT JOB. PUMP. PLUG DOWN.
PRESSURE TO 2000#. HELD OKAY. CEMENT DID CIRUCLATE TO SURFACE ✓

ORIGINAL

OIL PRODUCERS, INC. OF KANSAS
INITIAL COMPLETION REPORT

WELL - BIRNEY IRWIN #1-30LEGAL - E/2-SE-NW of SEC. 30-32s-31wAPI # - 15-175-21902G.L. - 2783'K.B. - 2793' - 10' ABOVE G.L.SURFACE CSN - 8 5/8" @ 567' w/ 425 SXS CEMENTRTD - 2800'LTD - 2802'PRODUCTION CSN - 4 1/2" 10.5# NEW R-3 @ 2796' w/ 320TOP OF CEMENT - SURFACEPBTD - 2710' - AFTER SETTING CEMENT RETAINER SQUEEZE OFF NON COMMERCIAL
WINFIELD PERFORATION

<u>PERFORATIONS</u> -	WINFIELD -	2717-2727'	1/FT	11/19/03
	LOWER KRIDER -	2676-2681'	2/FT	11/24/03
	LOWER KRIDER -	2654-2664'	2/FT	11/24/03
	UPPER KRIDER -	2625-2635'	2/FT	11/24/03
	HERINGTON -	2592-2598'	2/FT	11/25/03

COMPLETION DATE - 11/03TUBING RAN - M.A. - S.N. 84 JTS 2 3/8" (2649.01')TUBING SET @ - 2680.71'AVERAGE TBG JT. - 3153'PUMP RAN - 2' x 1 1/2" x 12' RWB HOLLOW ROD PUMPRODS RAN - PUMP 2' SUB 104 3/4" RODS 8'-6'-2' 3/4" SUIBS P.R. LINERSURFACE EQUIPMENT - LUFKIN-160 STRAP JACK w/ C-96 ENGINE UNIT NEW w/ H.P.
ELECTRIC MOTOR

RECEIVED
 FEB 24 2004
 KCC WICHITA

RECEIVED

BIRNEY IRWIN #1-30 2

FEB 24 2004

ORIGINAL

KCC WICHITA

11/19/03

COMANCHE WELL SERVICE ON LOCATION TO RIG UP D-D DERRICK.

ELI WIRELINE ON LOCATION TO RUN CORRELATION & SONIC BOND LOG.
FOUND TTL DEPTH - 2780'
FOUND TOP OF CEMENT - AT SURFACE w/ EXCELLENT BONDING
ACROSS PAY INTERVALS.

COMANCHE RIGGED TO SWAB 4½" CSN. SWAB CSN DOWN TO 2200'
FROM SURFACE.

ELI WIRELINE ON LOCATION TO PERFORATE PROPOSED PAY INTERVAL
IN WINFIELD FORMATION UTILIZING 32 GRAM EXPENDABLE CSN GUN.
PERFORATE WINFIELD - 2717-2727' 1/FT 11/19/03

COMANCHE SWABBED CSN DOWN TO TOTAL DEPTH AT 2780'.
½ HR NATURAL TEST WINFIELD - REC. 0 BBLs, SLIGHT SHOW OF GAS.
½ HR NATURAL TEST WINFIELD - REC. 0 BBLs, SLIGHT SHOW OF GAS.

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

ACIDIZE WINFIELD PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID
LOAD HOLE w/ 44 BBLs 2% KCL WATER
PRESSURE TO 1000#. BROKE BACK QUICKLY.
DISPLACE ACID AT 3 BPM - 150#
ISIP - VACUUM
TTL LIQUID LOAD = 56 BBLs

COMANCHE RIG TO SWAB WINFIELD PERFS AFTER ACID.

SWAB TEST WINFIELD PERFORATIONS AFTER ACID AS FOLLOWS:

SWAB 4½" CSN TO TTL DEPTH. RECOVERED 46 BBLs. SHOW OF GAS.
½ HR SWAB TEST - REC. 5.25 BBLs. SHOW OF GAS
½ HR SWAB TEST - REC. 2.62 BBLs TEST GAS AT 6.39 MCF
½ HR SWAB TEST - REC. 2.62 BBLs TEST GAS AT 6.39 MCF
½ HR SWAB TEST - REC. 2.10 BBLs TEST GAS AT 7.06 MCF
½ HR SWAB TEST - REC. 2.10 BBLs TEST GAS AT 7.06 MCF
½ HR SWAB TEST - REC. 1.57 BBLs TEST GAS AT 7.06 MCF

SHUT WELL IN. SHUT DOWN FOR NIGHT.

11/20/03

COMANCHE WELL SERVICE ON LOCATIO TO CHECK PRESSURE ON CSN.
SICP - 120# BOTTOM HOLE PRESSURE
RAN CSN. SWAB FLUID WAS 2280' FROM SURFACE. REC. 8.40 BBLs.
½ HR SWAB TEST - REC. 2 BBLs, TEST GAS AT 7.0 MCF
½ HR SWAB TEST - REC. 2 BBLs, TEST GAS AT 6.8 MCF
DECIDED WINFIELD ZONE TO BE NONCOMMERCIAL DUE TO AMOUNT OF
WATER AND LACK OF NATURAL GAS.

ELI WIRELINE ON LOCATION w/ T.R. SERVICE TO SET CEMENT RETAINER
OVER WINFIELD PERFORATIONS.
SET CEMENT RETAINER AT - 2710'

ORIGINAL

11/20/03
CONT.

COMANCHE WELL SERVICE RIGGED TO RUN 2 3/8" w/ CEMENT RETAINER STINGER.
RIH - w/ TUBING AND CEMENT RETAINER STINGER.

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

SQUEEZE WINFIELD PERFORATIONS AS FOLLOWS:

LOAD ANNULUS & PRESSURE TO 500# & HELD OKAY.
ESTABLISH INJECTION RATE VIA TBG @ 3 BPM - 500#
MIX & PUMP 100 SXS COMMON CEMENT
DISPLACE 60 SXS CEMENT INTO PERFS AT 2 BPM - VAC - 1500#
PULL OUT A RETAINER w/ STINGER, REVERSE CIRCULATE 40 SXS OUT & CIRCULATE HOLE CLEAN.
POOH - w/ TUBING AND CEMENT RETAINER STINGER

SHUT WELL IN. SHUT DOWN FOR WEEKEND.

11/24/03

COMANCHE WELL SERVICE ON LOCATION. RIGGED TO SWAB 4 1/2" CSN. SWAB CSN DOWN TO 2200' FROM SURFACE.

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

<u>PERFORATE</u> -	LOWER KRIDER -	2676-2681'	2/FT
	LOWER KRIDER -	2654-2664'	2/FT
	UPPER KRIDER -	2625-2635'	2/FT
	HERINGTON -	2592-2598'	2/FT

FOUND TTL DEPTH @ - 2709'

COMANCHE SWABBED 4 1/2" CSN DOWN TO TTL DEPTH.
1/2 HR NAT. SWAB TEST - RECOVERED 0 BBLs, SLIGHT SHOW OF GAS

ACID SERVICE ON LOCATION TO ACID STIMULATE ALL HERINGTON AND KRIDER PERFS w/ 2500 GALS 15% DSFE ACID AND 91 BALL SEALERS.

ACIDIZE HERINGTON AND KRIDER PERFORATIONS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID.
PUMP 2000 GALS 15% DSFE ACID w/ 91 BALL SEALERS SPACED EQUALLY.
PRESSURE TO 1500#, BROKE BACK.
DISPLACE 500 GALS ACID @ 7 BPM - 250#.
DISPLACE 2000 GALS ACID @ 7BPM - 250# TO 2500#, BALLED OFF.
SURGE PRESSURE BACK TO ACID TRUCK.
DISPLACE REMAINING ACID @ 3 BPM - 400#.
ISIP - 365#
TTL LIQUID LOAD = 105 BBLs.

COMANCHE RIGGED TO SWAB TEST HERINGTON AND KRIDER PERFS AFTER ACID.

SWAB TEST HERINGTON AND KRIDER PERFORATIONS AFTER ACID AS FOLLOWS:

COMANCHE SWABBED CSN DOWN TO TTL DEPTH. REC. 67.72 BBLs.
1/2 HR SWAB TEST - REC. 3.15 BBLs TEST GAS AT 12.1 MCF
1/2 HR SWAB TEST - REC. 3.15 BBLs TEST GAS AT 12.1 MCF
1/2 HR SWAB TEST - REC. 1.57 BBLs TEST GAS AT 12.1 MCF

RECEIVED
FEB 24 2004
KCC WICHITA

ORIGINAL

11/24/03
CONT.

ACID SERVICE & GORE NITROGEN ON LOCATION TO FRACTURE
STIMULATE ALL HERINGTON AND KRIDER PERFS w/ 32,000 GALS 70%
NITROGEN FOAM AND 31,000# 12/20 BRADY SAND, TAILING IN w/ 4000#
RESONATED AC-FRAC SAND TO MINIMIZE SAND PRODUCTION.

FRACTURE HERINGTON AND KRIDER PERFORATIONS AS FOLLOWS:

PUMP 7,000 GALS N2 FOAM PAD, EST. INJ. RATE @ 17 BPM - 1000#.
PUMP 4,000# 12/20 SAND @ 1 PPG (4000 GALS N2 FOAM) @ 17BPM - 1100#.
PUMP 12,000# 12/20 SAND @ 2 PPG (6000 GALS N2 FOAM) @ 17 BPM - 1100#.
PUMP 11,001# 12/20 SAND @ 3 PPG (3667 GALS N2 FOAM) @ 17 BPM - 1100#.
PUMP 3,999# 12/20 SAND @ 3 PPG (1333 GALS N2 FOAM) @ 17 BPM - 1150#.
FLUSH SAND TO PERFS w/ 1800 GALS N2 FOAM @ 17 BPM - 1200#.
ISIP - 1350#
TTL LIQUID LOAD TO RECOVER = 157 BBLS

SHUT WELL IN. SHUT WELL DOWN.

11/25/03

COMANCHE WELL SERVICE ON LOCATION TO CHECK PRESSURE ON
CSN AFTER BEING SHUT IN FOR 24 HRS.

SICP - 442#

OPEN CSN TO PIT WELL. KICKED OFF FLOWING FOAM AND NITROGEN.
FLOW WELL TO PIT REST OF DAY AND LEFT WELL FLOWING NITROGEN
FOAM TO PIT OVERNIGHT.

SHUT DOWN. APPROX. RATE OF FLUID FLOWING IS 22 BBLS PER HOUR.

11/26/03

COMANCHE WELL SERVICE ON LOCATION. WELL STILL FLOWING TO PIT
AT A RATE OF 5 BBLS PER HR & FLOWING 205 MCF.

FLOW TEST HERINGTON & KRIDER PERFORATIONS AS FOLLOWS:

1 HR FLOW TEST - REC. 5.00 BBLS, TEST GAS @ 205 MCF
1 HR FLOW TEST - REC. 5.25 BBLS, TEST GAS @ 200 MCF
1 HR FLOW TEST - REC. 5.51 BBLS, TEST GAS @ 216 MCF
1 HR FLOW TEST - REC. 5.77 BBLS, TEST GAS @ 216 MCF
1 HR FLOW TEST - REC. 5.77 BBLS, TEST GAS @ 542 MCF
1 HR FLOW TEST - REC. 5.77 BBLS, TEST GAS @ 516 MCF
1 HR FLOW TEST - REC. 6.38 BBLS, TEST GAS @ 542 MCF
1 HR FLOW TEST - REC. 6.38 BBLS, TEST GAS @ 542 MCF
1 HR FLOW TEST - REC. 6.38 BBLS, TEST GAS @ 542 MCF

LEFT WELL FLOWING TO TANK. SHUT DOWN.

11/27/03

COMANCHE WELL SERVICE ON LOCATION. WELL STILL FLOWING TO
SWAB TANK.
MADE 75 BBLS OF FOAMY FLUID TO TANK. HAD FLOWED TO TANK FOR
16 HRS. THIS MAKES RATE OF FLOWING FLUID @ 4.72 BPH.

FLOW TEST HERINGTON AND KRIDER PERFORATIONS
AFTER FRAC AS FOLLOWS:

1 HR FLOW TEST - REC. 4.72 BBLS, TEST GAS @ 599 MCF
1 HR FLOW TEST - REC. 3.15 BBLS, TEST GAS @ 571 MCF
1 HR FLOW TEST - REC. 3.15 BBLS, TEST GAS @ 599 MCF
1 HR FLOW TEST - REC. 3.15 BBLS, TEST GAS @ 571 MCF

LET WELL FLOW TO SWAB TANK. SHUT DOWN.

RECEIVED

FEB 24 2004

KCC WICHITA

ORIGINAL

11/28/03

COMANCHE WELL SERVICE ON LOCATION. WELL STILL FLOWING TO SWAB TANK. WELL HAD FLOWED 80.85 BBLS IN A 24 HR PERIOD. THIS IS A RATE OF 3.36 BBLS PER HR.

FLOW TEST HERINGTON AND KRIDER PERFORATIONS
AFTER FRAC AS FOLLOWS:

1 HR FLOW TEST - REC. 3.36 BBLS, TEST GAS @ 511 MCF
1 HR FLOW TEST - REC. 3.36 BBLS, TEST GAS @ 511 MCF
1 HR FLOW TEST - REC. 3.36 BBLS, TEST GAS @ 511 MCF
1 HR FLOW TEST - REC. 3.36 BBLS, TEST GAS @ 511 MCF

RECEIVED
FEB 24 2004
KCC WICHITA

SHUT WELL IN. SHUT DOWN FOR WEEKEND.

12/01/03

COMANCHE WELL SERVICE ON LOCATION TO CHECK PRESSURE ON CASING.

SICP - 340#

SIBHP - CALCULATES 369# w/ NO FLUID IN HOLE.

OPEN WELL TO PIT. WELL KICKED OFF FLOWING. COMANCHE RIGGED TO FLOW TEST HERINGTON AND KRIDER PERFS AFTER FRAC.

FLOW TEST HERINGTON AND KRIDER
PERFORATIONS AFTER FRAC AS FOLLOWS:

1 HR FLOW TEST - REC. MIST - BBLS, TEST GAS @ 1,612 MCF
1 HR FLOW TEST - REC. MIST OF FLUID, TEST GAS @ 1,105 MCF
1 HR FLOW TEST - REC. MIST OF FLUID, TEST GAS @ 1,023 MCF
1 HR FLOW TEST - REC. 11.55 BBLS, TEST GAS @ 1,105 MCF
1 HR FLOW TEST - REC. 6.30 BBLS, TEST GAS @ 847 MCF
1 HR FLOW TEST - REC. 4.72 BBLS, TEST GAS @ 754 MCF
1 HR FLOW TEST - REC. 4.20 BBLS, TEST GAS @ 729 MCF
1 HR FLOW TEST - REC. 4.20 BBLS, TEST GAS @ 700 MCF

SHUT WELL IN. SHUT DOWN FOR NIGHT.

12/02/03

COMANCHE WELL SERVICE ON LOCATION TO CHECK PRESSURE ON CASING.

SICP - 313#

SIBHP - CALCULATES 340# w/ NO FLUID IN HOLE.

T.R. SERVICE AND NICHOLS FLUID SERVICE HIGH PRESSURE KILL TRUCK ON LOCATION TO KILL WELL AND RUN BULLDOG BAILER IN ORDER TO CLEAN FRAC SAND FROM WELL BORE.

RIG UP NICHOLS HIGH PRESSURE TRUCK. PUMP 50 BBLS, 2% KCL WATER TO KILL WELL.

COMANCHE RAN CSN SWAB STEM TO CK. SAND FILL-UP. HAD APPROX. 20' OF FILL-UP.

COMANCHE RIGGED TO RUN 2 3/8" TUBING AND T.R. SERVICE BULLDOG BAILER.

RIH - w/ TUBING AND TOOLS.

CLEAN OUT SAND TO TTL DEPTH AT 2709'.

POOH - w/ TUBING AND TOOLS.

FLAPPER ON BAILER HAD STUCK OPEN ON WAY OUT OF HOLE.

LOST SAND OUT OF BAILER.

ORIGINAL12/02/03
CONT.COMANCHE RIGGED TO RUN 2 3/8" TUBING w/ BULLDOG BAILER. ADDED
EXTRA FLAPPER CHK VALVE TO STRING IN ORDER TO HELP HOLD SAND IN
TUBING.RIH - TUBING AND TOOLS.CLEAN SAND OUT TO TTL DEPTH @ 2709'. CLEAN OUT APPROX. 20' OF SAND
FILL-UP.POOH - w/ TUBING AND TOOLS.CLEAN SAND FOAM TUBING AND TOOLS. BREAK DOWN TOOLS. RIG CSN TO
VENT GAS TO TANK.

12/03/03

COMANCHE WELL SERVICE ON LOCATION. RIGGED TO RUN 2 3/8" TUBING IN
HOLE FOR PRODUCTION.RUN PRODUCTION TUBING AS FOLLOWS:

2 3/8" MUD ANCHOR	15.00'
2" SEATING NIPPLE	1.10'
84 JTS 2 3/8"	2649.01'
K.B. (10 < 3)	7.00'
TUBING SET @	2680.71'
SEATING NIPPLE SET @	2665.71'

RECEIVED**FEB 24 2004****KCC WICHITA**

TAG BOTTOM. PICK UP 28' OFF BOTTOM. LAND TUBING.

COMANCHE RIGGED TO RUN BOTTOM HOLE PUMP AND RODS.

RUN BOTTOM HOLE PUMP & RODS AS FOLLOWS:

2 X 1 1/2 x 12' RWB HOLLOW ROD w/ 6' G.A.	14.00'
2' 3/4 ROD SUB	2.00'
104 3/4	2600.00'
8', 6', 2' x 3/4 ROD SUBS	16.00'
1 1/4 POLISHED ROD w/ LINER	16.00'
	2665.71'

COMANCHE SPACED OUT ROD & PUMP CHK. PUMP ACTION WAS OKAY.
COMANCHE TORE RIG DOWN. MOVED OFF LOCATION.END OF REPORT
TIM THOMSON