

ORIGINAL

15-051-24713-00-00  
SIDE ONE

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

API NO. 15- 051-24713

County Ellis

NE NW SE Sec. 1 Twp. 11S Rge. 17  East West

2310 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

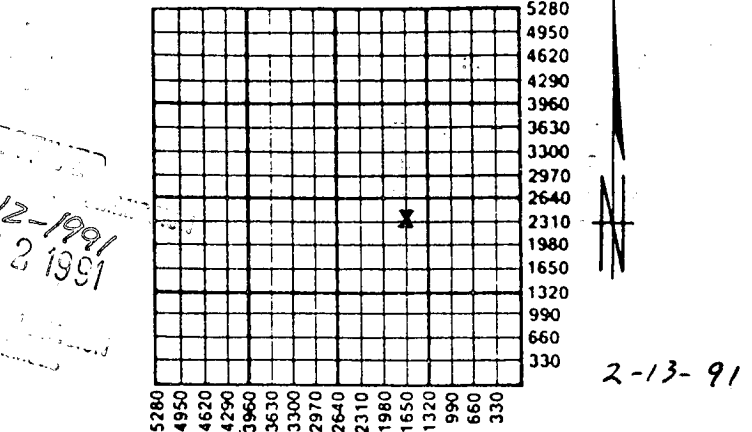
Lease Name Richmond "A" Well # 8

Field Name Lieb NW

Producing Formation Topeka, Toronto, Lansing-KC

Elevation: Ground 1881' KB 1886'

Total Depth 3416' PBDT 3372'



Amount of Surface Pipe Set and Cemented at 208' Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement ~~91000000~~ from Surface

feet depth to 770' w/ 815 sx cm.

Operator: License # 6273

Name: ROBERT R. PRICE OPERATING, INC.

Address P.O. Box 470442

Tulsa, Oklahoma 74147

City/State/Zip \_\_\_\_\_

Purchaser: Koch Oil Company - Wichita Ks.

Operator Contact Person: Robert R. Price

Phone (918) 492-1694

Contractor: Name: Red Tiger Drilling Company

License: 5302

Wellsite Geologist: Robert R. Price

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If **OWNO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

11-07-90 11-13-90 11-13-90

Spud Date Date Reached TD Completion Date

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. **One copy of all wireline logs and drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 2-1-91

Subscribed and sworn to before me this 1st day of February, 19 91

Notary Public [Signature]

Date Commission Expires 1-11-95

**K.C.C. OFFICE USE ONLY**

F  Letter of Confidentiality Attached

C  Wireline Log Received

C  Drillers Timelog Received

KCC  SWD/Rep  NGPA

KGS  Plug  Other (Specify)

SIDE TWO

Operator Name ROBERT R. PRICE OPERATING, INC. Lease Name Richmond "A" Well # 8  
 Sec. 1 Twp. 11S Rge. 17  East  West  
 County Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1070'</td> <td>1104'</td> </tr> <tr> <td>Topeka</td> <td>2803'</td> <td>3031'</td> </tr> <tr> <td>Heebner</td> <td>3031'</td> <td>3035'</td> </tr> <tr> <td>Toronto</td> <td>3050'</td> <td>3060'</td> </tr> <tr> <td>Lansing-Kansas City</td> <td>3070'</td> <td>3320'</td> </tr> <tr> <td>Marraton</td> <td>3330'</td> <td>3336'</td> </tr> <tr> <td>Conglomerate</td> <td>3349'</td> <td>3415' (TD)</td> </tr> <tr> <td>Total Depth</td> <td></td> <td>3415'</td> </tr> <tr> <td>PBTD</td> <td></td> <td>3372'</td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1070'	1104'	Topeka	2803'	3031'	Heebner	3031'	3035'	Toronto	3050'	3060'	Lansing-Kansas City	3070'	3320'	Marraton	3330'	3336'	Conglomerate	3349'	3415' (TD)	Total Depth		3415'	PBTD		3372'
Name	Top		Bottom																													
Anhydrite	1070'		1104'																													
Topeka	2803'		3031'																													
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Conglomerate	3349'	3415' (TD)																														
Total Depth		3415'																														
PBTD		3372'																														
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																															

Mercury Wireline:  
 Gamma Ray - Neutron Log  
 Sonic Bond Log (3)  
 Temperature Survey  
 Drillers Time Log

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	12 1/4"	8 5/8"	24	208'	Poz	140	2% CaCl
Production	7 7/8"	5 1/2"	14	3415'	RPC	200	
					Common	200	2% CaCl
					Common	90	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
1	Conglomerate 3353-3363	250 gal. mud acid	
1	L/KC 3071-3076, 3090-3094, 3107-3116		
	3128-3134, 3159-3166, 3214-3220		
	3237-3240, 3261-3266, 3287-3293		
	3311-3315	7,000 gal 15% HCL	
1	Toronto 3052-3056	1,000 gal 15% HCL	
1	Topeka 2859-2863, 2868-2874, 2859-2863	1,500 gal 15% HCL	

TUBING RECORD			
Size	Set At	Packer At	Liner Run
2 1/2" EWE	3369'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production	Producing Method		
12-14-90	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.
	8	---	45

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled

Production Interval: 2832-3363

2627, Russell, Kansas

16-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. No 8879

Home Office P. O. Box 31

Russell, Kansas 67665

*NEW*

Date	11-7-90	Sec	I	Twp.	11	Range	17	Called Out		On Location	4 PM	Job Start		Finish	
Case	Richmond	Well No.	A-8			Location			Cedell & River RR Junc.			County	Ellis	State	Kan

Contractor *Red Tiger #4*

Type Job *Surface*

Hole Size	<i>12 1/4</i>	T.D.	<i>208</i>
Csg.	<i>8 5/8</i>	Depth	<i>208</i>
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	<i>15'</i>	Shoe Joint	
Press Max.		Minimum	
Meas Line	<input checked="" type="checkbox"/>	Displace	<input checked="" type="checkbox"/>
Perf.			

Owner  
 To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Charge To *Robert Price Oper Inc*  
 Street *Box 45442*  
 City *Tulsa* State *Oklahoma 74146*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X *Fancy Hunt*

### CEMENT

Amount Ordered *140 60/40 3%CC 2%6e1*

Consisting of

Common	<i>84 @ 525</i>	<i>441.00</i>
Poz. Mix	<i>56 @ 225</i>	<i>126.00</i>
Gel.	<i>2 @ N/C</i>	<i>N/C</i>
Chloride	<i>4 @ 20.00</i>	<i>80.00</i>
Quickset		<i>800.00</i>

### EQUIPMENT

Pumptrk	No. <i>177</i>	Cementer	<i>McAdoo</i>
		Helper	<i>Will</i>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	<i>213</i>	Driver	<i>Jim</i>
Bulktrk		Driver	

Sales Tax *1*

Handling *1.00 ea* *140.00*

Mileage *4E/SK/MILE* *95.00*

DEPTH of Job

Reference:	<i>Pump Truck</i>	<i>380.00</i>
	<i>Fluo</i>	<i>42.00</i>
	<i>2.00 Per mile</i>	<i>34.00</i>
	Sub Total	
	Tax	
	Total	<i>456.00</i>

Sub Total *886.00*

Total *886.00*

Floating Equipment

Remarks: *Cement Did Cir.*

*date*



INVOICE

REMIT TO: P O BOX 890788  
DALLAS TX 75389-0788

ORIGINAL

15-051-24713-00-00

0312

INVOICE DATE	
11/13/90	
INVOICE NUMBER	
00-15-000	
TYPE SERVICE	
CEMENTING CEMENT PRODUCTIO	

297551 ROBERT R PRICE  BOX 95442 TULSA OK 74101
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PAGE	
1	
TYPE SERVICE	
CEMENTING CEMENT PRODUCTIO	

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
WICHARD A 1	KS	ELLIS	ULYSSES KS		
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
			11/13/90	ROBERT PRICE	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
059289002	MILEAGE, ALL OTHER EQUIPMENT	MI	300	2.4500	530.00
102871035	CSN CHNT 3001-3500' 1ST 8' MR	BNR	1	1,169.0000	1,169.00
049103000	TRANSPORTATION CHNT TON MILE	MI	604	.8000	547.20
049100000	SERVICE CHG CEMENT MATL LAND	CFT	233	1.1500	267.95
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
102146003	D804A REGULATED FULLUP CHNT	SK	200	11.0000	2,200.00
047005100	S1,CALCIUM CHLORIDE	LBS	375	.3400	127.50
101761005	D892; CHEMICAL WASH CWS	BBL	10	12.7500	127.50
101094000	J433, WATER CNTRL POLYMER	LBS	46	1.9000	87.40
056704054	PLUG CENG 5-1/2" TOP AL CORE	EA	1	105.0000	105.00
	DISCOUNT - MATERIAL				146.76-
	DISCOUNT - SERVICE				145.69-
				SUB TOTAL --	4,905.10
					2,302.14
H F C	STATE TAX ON			2,302.66	101.26
H F C	LOCAL TAX ON				23.83
				AMOUNT DUE --	5,110.19

2-12-1991  
FEB 12 1991

WITH QUESTIONS CALL 316-356-1272  
FEDERAL TAX ID # 38-239-7173  
TERMS -- NET 30 DAYS DUE ON OR BEFORE DEC 14, 1990

THANK YOU. WE APPRECIATE YOUR BUSINESS.

*Larry A. Rolstad*  
G A ROLSTAD

CEMENTING SERVICE REPORT

15-051-24713-00-00

ORIGINAL **DS**  
DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER **03-12-3281** DATE **11/13/90**  
STAGE **DS** DISTRICT **03**

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. <b>RICHMOND A-8</b>		LOCATION (LEGAL) <b>SEC-1-115-17W</b>		RIG NAME:	
FIELD-POOL		FORMATION		WELL DATA: BOTTOM TOP	
COUNTY/PARISH <b>ELLIS</b>		STATE <b>K's</b>		API. NO.	
NAME <b>ROBERT A PRICE OPERATING</b>		MUD TYPE		GRADE <b>5.55</b>	
AND		MUD DENSITY		LESS FOOTAGE SHOE JOINT(S) <b>3397</b>	
ADDRESS		MUD VISC.		Disp. Capacity <b>82.8</b>	
SPECIAL INSTRUCTIONS <b>EQUIPMENT &amp; MATERIALS TO DO 5 1/2 "/b&gt;</b>		ZIP CODE		NOTE: Include Footage From Ground Level To Head In Disp. Capacity	

Float	TYPE	<b>Collar</b>	Stage Tool	TYPE
	DEPTH	<b>3397</b>		DEPTH
	TYPE	<b>CMT GUIDE</b>		TYPE
	DEPTH	<b>3414</b>		DEPTH

IS CASING/TUBING SECURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		SQUEEZE JOB	
LIFT PRESSURE <b>2016</b> PSI	CASING WEIGHT ÷ SURFACE AREA (3.14 × R <sup>2</sup> )	TOOL TYPE	DEPTH
PRESSURE LIMIT	BUMP PLUG TO <b>500 OVER</b> PSI	TAIL PIPE: SIZE	DEPTH
ROTATE RPM	RECIPROCATE	TUBING VOLUME	DEPTH
	FT	No. of Centralizers <b>10</b>	

TIME	PRESSURE	VOLUME PUMPED BBL	JOB SCHEDULED FOR TIME <b>ASAP</b> DATE <b>11/13/90</b>	ARRIVE ON LOCATION TIME <b>1900</b> DATE <b>11/13/90</b>	LEFT LOCATION TIME <b>2130</b> DATE <b>11/13/90</b>
0001 to 2400	TBG OR D.P.	CASING	INJECT RATE	FLUID TYPE	FLUID DENSITY

TIME	TBG OR D.P.	CASING	INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
19:44	/	100	10		2	H2O	8.34	PRE-JOB SAFETY MEETING
19:50	/	260	10	10	3	H2O	8.34	START CW-9
19:53	/	390	10	20	5	H2O	8.34	START 5-433
19:54	/	540	53	30	7	CMT	14.6	START H2O SPACER
20:03	/	70		83				START CMT SLURRY
20:07	/	0	83	83	5	H2O	8.34	SHUT DOWN & WASH LINES & DROP PLUG
20:20	/	230		106	2	H2O	8.34	START DISPLACEMENT
20:23	/	280			1	H2O	8.34	LOWER RATE
20:27	/	800		106	0	H2O	8.34	LOWER RATE
20:30	/	0						BUMP PLUG
20:30	/							CHECK FLOAT - FLOAT HOLDING
20:30	/							END JOB

REMARKS  
**272-1991**  
**FEB 17 1991**

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS		SLURRY MIXED BBLs	DENSITY
1.	200	1.5	RFC (10-2)		53	19.6
2.						
3.						
4.						
5.						
6.						

BREAKDOWN FLUID TYPE		VOLUME		DENSITY	PRESSURE	MAX.	MIN.
<input type="checkbox"/> HESITATION SO.		<input type="checkbox"/> RUNNING SO.		CIRCULATION LOST	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
BREAKDOWN		PSI	FINAL	PSI	DISPLACEMENT VOL.	<b>82.8</b> Bbls	
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO		TO	FT.	MEASURED DISPLACEMENT <input checked="" type="checkbox"/>	<input type="checkbox"/> WIRELINE		
PERFORATIONS		CUSTOMER REPRESENTATIVE		DS SUPERVISOR			
TO		TO		<b>MS Edwards</b>			



ORIGINAL

ORIGINAL

INVOICE DATE
12/10/90

15-051-24713-00-00

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE.	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. ZR031
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AUTHORIZED BY 627628
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PURCH. ORDER REF. NO.
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ROBERT R PRICE  
BOX 45442  
TULSA

OK 74145

WELL NUMBER : 8

CUSTOMER NUMBER : 02642002

LEASE NAME AND NUMBER RICHMOND	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTR. NO. 3370
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 12/10/90	TYPE OF SERVICE LAND-SQUEEZE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10104807	1.00	1,001 TO 2,000 PSI, PUMPING JOBS W/	815.00		815.00
10107891	1.00	FUEL SURCHARGE	16.30		16.30
			SUBTOTAL		831.30
			DISCOUNT		163.00

RECEIVED  
FEB 12 1991

ACCOUNT	
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TAX EXEMPTION STATUS:	PAY THIS AMOUNT →	668.30
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BJ-TITAN SERVICES ORIGINAL

P.O. BOX 4442 HOUSTON, TX 77210

CEMENTING LOG

STAGE NO. 15-051-24713-00-00

Date 12-11-90 District HAYS Ticket No. 127629  
 Company Robert R. Price Rig Bella  
 Lease Richmond 'A' Well No. 8  
 County Ellis State Tx  
 Location 1050 Codey Field \_\_\_\_\_

CASING DATA: PTA.  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 54 Type \_\_\_\_\_ Weight \_\_\_\_\_ Collar \_\_\_\_\_

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_

Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Open Holes: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Drill Pipe: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Annulus: Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Bbbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

CEMENT DATA:

Spacer Type: \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
69/40 6% gel Excess \_\_\_\_\_

Amt. 500 Skys Yield 1.5V ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbbls.

Pump Trucks Used 2029-0 AN  
 Bulk Equip. 2030-0000

Float Equip: Manufacturer \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type \_\_\_\_\_ Depth \_\_\_\_\_

Centralizers; Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbbls. Weight \_\_\_\_\_ PPG \_\_\_\_\_

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Robert R. Price

CEMENTER Bert R. LeCom

TIME		PRESSURES PSI		FLUID PUMPED DATA			REMARKS
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbls Min.		
							B.P. at 2100 PSI
							Test at 9 PSI Shut In
							Cement down annulus w/
							500 lbs 69/40 for 6% gel
							w/1200 # Halls over 900 PSI
							Shut in 300 PSI

2-12-1991  
 FEB 12 1991

State

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU

Form No. SR 0502 (Rev. 7/85)  
 Note: Must accompany job ticket.



ORIGINAL

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INVOICE DATE
12/11/90

15-051-24713-00-00

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. ZR030
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AUTHORIZED BY 627629
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PURCH. ORDER REF. NO.
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ROBERT R PRICE  
BOX 45442  
TULSA

OK 74145

WELL NUMBER : 8

CUSTOMER NUMBER : 02642002

LEASE NAME AND NUMBER RICHMOND "A"	STATE 14	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTR. NO. 3370
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 12/11/90	TYPE OF SERVICE LAND-SQUEEZE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10104802	1.00	0 TO 500 PSI, PUMPING JOBS W/PRESSU	600.00		600.00
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.35		47.00
10410504	300.00	CLASS "A" CEMENT	5.45	CF	1,635.00
10415018	200.00	FLY ASH	2.88	CF	576.00
10420145	2580.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	335.40
10426525	1200.00	COTTON SEED HULLS PER CWT	0.20	LB	240.00
10880001	500.00	MIXING SEVICE CHRG DRY MATERIALS, P	1.10		550.00
10940101	468.00	DRAYAGE, PER TON MILE	0.75		351.00
10107891	1.00	FUEL SURCHARGE	86.69		86.69
			SUBTOTAL		4,421.09
			DISCOUNT		866.88

2-12-1991  
FEB 13 1991

ACCOUNT	4.25000% STATE TAX	2229.12	94.73
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TAX EXEMPTION STATUS:	PAY THIS AMOUNT	3,648.94
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Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

15-051-24713-00-00  
**ALLIED CEMENTING CO., INC.** No. 9542  
 Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	1-28-91	Sec.	1	Twp.	11	Range	17	Called Out	8:00 AM	On Location		Job Start		Finish	5:15 PM
Case	Richmond	Well No.	A-8	Location	Cadell River Rd	County	Ellis	State	KS	Owner	LEE KN	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Contractor	Bill Well Service											Charge To Robert Price Operations			
Job	Squeez											Street Box 4704A?			
Tool Size	5/2	T.D.													
Log Size	2 1/2	Depth													
Drill Pipe		Depth													
Tool	Weigel	Depth 375													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Ref.	450	Purchase Order No. [Signature]													

**EQUIPMENT**

No.	Cement	Dave
153	Helper	Bezell
No.	Cement	Jaurance
213	Helper	Jim
191	Driver	
191	Driver	

Amount Ordered	100 cc 3/4 cc
Consisting of	used 275 cc + 100 cc 3/4 cc
Common	265 @ 525 = 1391 25
Poz. Mix	110 @ 225 = 247 50
Gel.	10 @ 675 = 67 50
Chloride	3 @ 20 00 = 60 00
Quickset	
Handling	1 00 Per Sk = 375 00
Mileage	44 / sk / M.I.E. = 270 00
Sub Total	
Total	2411 25

DEPTH of Job		
Reference:	Dump truck chg	450 00
	2 00 per mile	36 00
Sub Total		
Tax		
Total		486 00

Floating Equipment	
Sub Total	
Total	2411 25

Remarks: tested plug @ 1500 PSI, pulled to 375  
 Injection Rate @ 4 B.B. @ 300 PSI, mixed 275 cc gel cement  
 shut off @ 1500 PSI, cleared tubing, Reset wt 1500 PSI for 1 Hr.  
 washed through ports wait 2 Hrs checked @ 100 PSI & leaked, broke down  
 mixed 40 sk com 3/4 cc, squeezed @ 1500 PSI, cleared tubing & pulled  
 out of hole, tied on to 5/2 shut in @ 500 PSI  
 State

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

15-051-24713-00-00

**ALLIED CEMENTING CO., INC.** N<sup>o</sup> 8843  
 Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	11-29-90	Sec.	2	Twp.	11	Range	18	Called Out		On Location		Job Start		Finish	4:00PM
Lease	Richmond	Well No.	A-8			Location	Codell River Rd Jct			County	E (11)	State	KS		
Contractor	Bills Well Service					Owner	2E Van								
Type Job	Squeez (Retainer)					To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.									
Hole Size		T.D.													
Csg.	5 1/2	Depth													
Tbg. Size	2 1/2	Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.		Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Charge To *Bob Price*  
 Street *Box 4704A2*  
 City *Tulsa* State *Oklahoma 74117*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *[Signature]*  
 X *[Signature]*  
**CEMENT**

**EQUIPMENT**

Pumptrk	No. <i>153</i>	Cementer	<i>Walt Dave</i>
		Helper	
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	<i>213</i>	Driver	<i>Mark</i>
Bulktrk		Driver	

Amount Ordered	<i>200 com</i>
Consisting of	<i>Used 100</i>
Common	<i>100 @ 5.25</i>
Poz. Mix	
Gel.	
Chloride	
Quickset	
Sales Tax	

**DEPTH of Job**

Reference:	<i>Pump trk chg 2.00 per mile</i>	<i>475.00</i>
		<i>38.18</i>
	Sub Total	
	Tax	
	Total	<i>513.00</i>

Handling	<i>@ 1.00</i>	<i>100.00</i>
Mileage	<i>4.75 / MILE</i>	<i>76.00</i>
Sub Total		
Total		<i>701.00</i>

FEB 23 1991  
2-12-1991

Remarks: *Retainer @ 3375, mixed 100sk total displacement 19 1/2 BB/ staged 17 out, max 900, washed out*

Floating Equipment

*5 to 4*

ORIGINAL

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

NEW 15-051-24713-00-00

# ALLIED CEMENTING CO., INC. N° 9094

Home Office P. O. Box 31

Russell, Kansas 67665

Date	11-21-90	Sec.	2	Twp.	11 <sup>3</sup>	Range	18 <sup>2</sup>	Called Out	11:30 A.M.	On Location	2:30 P.M.	Job Start	3:30 P.M.	Finish	5:30 P.M.
Lease	Richmond "A" Well No. 6			Location				Codell <sup>2</sup> River Rd 2E1N1/4W1/2N		County	Ellis	State	KS.		

Contractor	Bill's Well Service	
Type Job	Squeeze	
Hole Size	7 7/8"	T.D.
Csg.	5 1/2"	Depth
Tbg. Size	2 1/2"	Depth
Drill Pipe		Depth
Tool	Devils Wrigel	Depth 3111'
Cement Left in Csg.	40' ±	Shoe Joint
Press Max.	1000 #	Minimum
Meas Line		Displace X
Perf. #	3185'	

Owner	Same	
To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Charge To	Robert R. Price Operating, Inc.	
Street	Box 470442	
City	Tulsa	State OK 71417
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.		
X		

### EQUIPMENT

Pumptrk	No. 191	Cementor	Gary H.
		Helper	Wayne M.
Pumptrk	No.	Cementor	
		Helper	
Bulktrk	#212	Driver	Glenn C.
Bulktrk		Driver	

<b>CEMENT</b>	
Amount Ordered	200 sks com 260 c.c.
Consisting of	
Common	200 sks @ 5.25/sk. #1050.00
Poz. Mix	
Gel.	
Chloride	4 sks @ 21.00/sk. 84.00
Quickset	
Sales Tax	
Handling	@ 1.00/sk (200 sks) 200.00
Mileage	@ 0.44/sk/mi. (20 mi.) 160.00
Sub Total #1494.00	
FEB 12 1991 2-12-1991	
Total	

### DEPTH of Job

Reference: #4	Camptruck-squeeze	#475.00
#13	mileage @ 2.00/mi.	40.00
Sub Total		#515.00
Tax		
Total		

Remarks: Set packer at 3111' and took injection rate on perms of 3 bbls./min. @ 400 # Mixed cement and had returns on the annulus the whole time. Squeezed to 1000 # Cleared shg. Pulled 5' its. Put 500 # on squeeze and shut in.

Floating Equipment Thanks

(4)