

ORIGINAL

SIDE ONE

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

Operator: License # 6273

Name: Robert Price Operating, Inc.

Address P.O. Box 470442

City/State/Zip Tulsa, Oklahoma 74147

Purchaser: Koch Oil Company, Wichita, Ks.

Operator Contact Person: Robert Price

Phone (918) 492-1694

Contractor: Name: Red Tiger Drilling Co.

License: 5302

Wellsite Geologist: Robert R. Price

FEB 15 1991

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp. Abd.
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply, etc.)

If OMAO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

- Mud Rotary Air Rotary Cable

12-01-90 12-08-90 12-08-90
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24,711-6000

County Ellis

SE NW SW Sec. 6 Twp. 11 Rge. 16W East West

1650 ✓ Ft. North from Southeast Corner of Section

4240 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

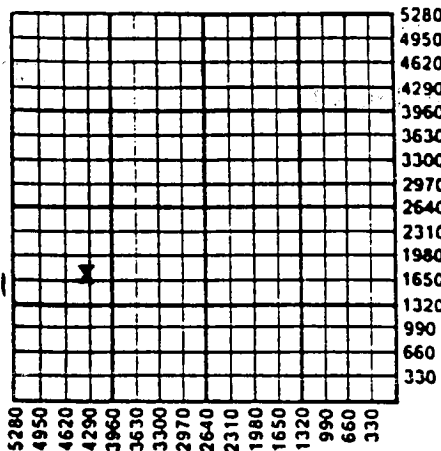
Lease Name Richmond "A" ✓ Well # #6

Field Name Lieb NW

Producing Formation Lansing-Kansas City, Topeka

Elevation: Ground 1831' KB 1836'

Total Depth 3375' PBTD 3359'



Amount of Surface Pipe Set and Cemented at 209' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1000

feet depth to 47' w/ 600 sx cmt.

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 _____

Title President Date 2-7-91

Subscribed and sworn to before me this 7th day of February, 19 91

Notary Public Shonda K. Musick

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 Price Operating Lease Name Richmond "A" Well # #6
 Sec. 6 Twp. 11 Rge. 16W East County Ellis
 West

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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p>Sonic Bond Log</p> <p>GR/N Log</p> <p>Temperature log (2)</p> <p>Drillers Log</p>	<p style="text-align: center;">Formation Description</p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1027'</td> <td>1066'</td> </tr> <tr> <td>Topeka</td> <td>2763'</td> <td>2995'</td> </tr> <tr> <td>Heebner</td> <td>2995'</td> <td>3000'</td> </tr> <tr> <td>Toronto</td> <td>3017'</td> <td>3025'</td> </tr> <tr> <td>Lansing-KC</td> <td>3035'</td> <td>3282'</td> </tr> <tr> <td>Marmaton</td> <td>3290'</td> <td>3304'</td> </tr> <tr> <td>Conglomerate</td> <td>3324'</td> <td>NR</td> </tr> <tr> <td>LTD</td> <td>3359'</td> <td></td> </tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1027'	1066'	Topeka	2763'	2995'	Heebner	2995'	3000'	Toronto	3017'	3025'	Lansing-KC	3035'	3282'	Marmaton	3290'	3304'	Conglomerate	3324'	NR	LTD	3359'	
Name	Top	Bottom																										
Anhydrite	1027'	1066'																										
Topeka	2763'	2995'																										
Heebner	2995'	3000'																										
Toronto	3017'	3025'																										
Lansing-KC	3035'	3282'																										
Marmaton	3290'	3304'																										
Conglomerate	3324'	NR																										
LTD	3359'																											

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	19#	209'	60-40poz	135	3%cc 2%gel
Production	8 5/8"	5 1/2	14.5#	3374'	RFC	200	
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	Topeka 2794-2804			12,500 gallons of 15% HCL were used to treat all zones			
	L-KC 3038-3042, 3056-3060, 3078-3084,						
	3091-3095, 3111-3114, 3129-3132,						
	3142-3146, 3181-3185, 3200-3206,						
	3223-3231, 3250-3258, 3273-3279,						
TUBING RECORD				Liner Run			
	Size	Set At	Packer At	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	2 7/8" EWB	3353'					
Date of First Production		Producing Method					
2-10-91		<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.	Gas-Oil Ratio	Gravity	
		9	TSTM	66	--	29	

Disposition of Gas: **TSTM** METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled

(If vented, submit ACO-18.) Other (Specify) _____ 2794-3279



ORIGINAL

REMIT TO:

15-051-24711-0000

INVOICE

P O BOX 890788
DALLAS TX 75389-0788

0312

INVOICE DATE

12/30/90

PAGE

INVOICE NUMBER

1

00-12-3818

TYPE SERVICE

CEMENTING
CEMENT PRODUCTION

674348
ROBERT PRICE

BOX 45442
TULSA

OK 74104

WELL NAME / JOB SITE	STATE	COUNTY / CITY	SERVICE FROM LOCATION	SHIPPED VIA	CUSTOMER P.O. NO./REF.
WILPHOND A & B	KS	ELLIS	ULYSSES KS		
LOCATION / PLANT ADDRESS			DATE OF SERVICE ORDER	CUSTOMER OR AUTHORIZED REPRESENTATIVE	
SCB			12/30/90	ROBERT PRICE	

ITEM CODE	DESCRIPTION	UOM	QTY	UNIT PRICE	AMOUNT
959200002	MILEAGE, ALL OTHER EQUIPMENT	MI	200	2.6500	530.00
102871040	CSNG CMNT 3501-4000' 1ST BNR	BHR	1	1,215.0000	1,215.00
049102000	TRANSPORTATION CMNT TON MILE	MI	735	.6800	500.00
049100000	SERVICE CHG CEMENT MATL LAND	CFT	265	1.1500	304.75
059697000	PACR TREAT ANALYSIS RECORDER	JOB	1	125.0000	125.00
102146003	D804A REGULATED FULLUP CMNT	SK	200	11.0000	2,200.00
067005100	S1, CALCIUM CHLORIDE	LBS	376	.3400	127.84
045019050	D42, KOLITE LOST CIRC ADDITI	LBS	1600	.4100	656.00
100203000	D827, CHEMICAL WASH CM100	BDL	10	33.2500	332.50
056704054	PLUG CENG 5-1/2" TOP AL CORE	EA	1	105.0000	105.00
	DISCOUNT - MATERIAL				431.69-
	DISCOUNT - SERVICE				340.38-
				SUB TOTAL --	5,404.02
H F C	STATE TAX ON			3,079.20	130.07
H F C	LOCAL TAX ON			3,079.20	30.79
				AMOUNT DUE ---	5,565.68

WITH QUESTIONS CALL 316-356-1272

FEDERAL TAX ID # 38-239-7173

TERMS --- NET 30 DAYS DUE ON OR BEFORE JAN 07, 1991

THANK YOU. WE APPRECIATE YOUR BUSINESS.

Gary A. Kolstad
G A KOLSTAD

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

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

ORIGINAL

ALLIED CEMENTING CO., INC. No. 8822

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12-31-90	Sec.	6	Twp.	11 S	Range	16 W	Called Out	3:00 PM	On Location	4:30 PM	Job Start	5:45 AM	Finish	6:15 PM
Lease	Richmond	Well No.	# 6-A	Location	CODELL RIVER RD JCT	County	ELLIS	State	KANSAS						
Contractor	RED TIGER DRILLING RIG # 8														
Type Job	SURFACE														
Hole Size	12 1/4	T.D.	214'												
Csg.	8 5/8	19# NEW	Depth	209											
Tbg. Size															
Drill Pipe															
Tool															
Cement Left in Csg.	15'	Shoe Joint													
Press Max.															
Meas Line	Displace 12 3/4														
Perf.															

Owner IN 1/4 E 1/4 N.
 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.
 (BOB)
 Charge To PRICE PENETRATING INC
 Street P.O. Box 470442
 City Tulsa State Oklahoma 74147
 The above was done to satisfaction and supervision of owner agent or contractor.
 Purchase Order No. X Morris Leach Jr
 CEMENT

EQUIPMENT

Pumptrk #177	No.	Cementer	<i>[Signature]</i>
		Helper	
Pumptrk #213	No.	Cementer	<i>Paul</i>
		Helper	
Bulktrk #213		Driver	<i>Paul</i>
		Driver	

DEPTH of Job		
Reference:	Pom P TRUCK CHRG	380 ⁰⁰
	8 5/8 Plus	42 ⁰⁰
	2.00 per mile	36 ⁰⁰
	Sub Total	
	Tax	
	Total	458 ⁰⁰

Remarks: Cement Circulated
[Signature]

Amount Ordered	135 SK 6 9/40 2% gel 3% cc		
Consisting of			
Common	81	SKs @ 5.25	425 ²⁵
Poz. Mix	54	SKs @ 2.25	121 ⁵⁰
Gel.	2	SKs @ 6.75	N/C
Chloride	4	SKs @ 21.00	84 ⁰⁰
Quickset			
Sales Tax			
Handling	1.00 per SK	135 ⁰⁰	
Mileage	4¢ per SK/mile	97 ²⁰	
18 mile			
Sub Total	862 ⁹⁵		
Total	862 ⁹⁵		

Floating Equipment
[Signature]
 FEB 15 1991

ALLIED CEMENTING CO., INC. No. 9582

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	1-31-91	Sec.	6	Twp.	11	Range	16	Called Out	8:00 Am	On Location	9:30 Am	Job Start	10:00 AM	Finish	6:00 PM
Case	Richmond	Well No.	#6			Location	Codell - River Rd. Jct. IN			County	ELLIS	State	KANSAS		

Contractor **Bill's Well Service**

Type Job **PERF - Circulate Cement**

Core Size	T.D.
Csg. 5 1/2	Depth
Cbg. Size 2 1/2	Depth
Drift Pipe (DENNIS)	Depth Squeeze @
Tool D-J Oil Tools	Depth 895'
Cement Left in Csg. 80 EI	Shoe Joint
Press Max. 1500#	Minimum
Meas Line	Displace

Owner **1 1/2 E 1/4 N.**

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**

Street **Box 470442**

City **Tulsa** State **OKla 71417**

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

Purchase Order No. **X**

Henry J. Price

CEMENT

2 SK SAND

Amount Ordered **250 SK 60/40 6% GEL**

Consisting of	
Common	150 SKS @ 5.25 = 787.50
Poz. Mix	100 SKS @ 2.25 = 225.00
Gel.	13 SKS - 2% - 9 SKS @ 6.75 = 60.75
Chloride	
Quickset	
	2 - Sand @ 4.75 = 9.50
Sales Tax	
Handling	1.00 per SK = 250.00
Mileage	4¢ per SK/mile = 160.00
	16 miles
Sub Total	
Total 1,492.75	

Perf. **975' MERCURY wire Line**

EQUIPMENT

Pumptrk # 177	No.	Cementor	Bill
		Helper	Will
Pumptrk # 213	No.	Cementor	Mark
		Helper	Jim
Bulktrk # 146		Driver	
Bulktrk # 146		Driver	

DEPTH of Job

Reference:	Pump Track Chg.	475.00
	2.00 per mile	32.00
Sub Total		
Tax		
Total		507.00

Floating Equipment **FEB 15 1991**

Shanks

Remarks: **BRIDGE Plug @ 2450' RAN Packer to 1205' + TEST Tool'S - wouldn't HOLD, came out w/B. Plug + RAN ANOTHER, set @ 2450' + PRESSURED UP TO 1500# + HELD. Released Packer + SPOT 2 SK SAND. Came up TO 895' + Set Packer, loaded BACKSIDE + shot in @ 500#. TOOK Rate DOWN Tubing OF 3 ^{BAL} per MIN. @ 1,000#. ANNULAS Had Slight Blow-Mixed Cement, + Squeezed @ 1,000#. Released Packer + washed Tubing Clean. Pulled 5 JT'S. + PRESSURE UP TO 800# + SHOT IN. (Cement DID NOT Circulate AROUND ANNULAS)**

MARION - STATE PLUGGER

State

ORIGINAL

ALLIED CEMENTING CO., INC. No. 9583

Home Office P. O. Box 31

Russell, Kansas 67665

New

NOON

Date	2-1-91	Sec	6	Twp.	11 S	Range	16 W	Called Out	10:00 AM	On Location	11:30 AM	Job Start	12:00 PM	Finish	3:30 PM
Lease	RICHMOND	Well No.	#6	Location	Codell River Rd. Jct			County	ELLIS	State	KANSAS				

Contractor **Bill's Well Service**

Owner **IN 2E 1/4 N**

Type Job **PERF + Circulate Cement**

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	
Fbg. Size 2 1/2		Depth	
Drill Pipe (Dennis w.)		Depth	
Tool D-J oil tools		Depth	450'
Cement Left in Csg.		Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	

Charge To **ROBERT PRICE**
Street **Box 470442**
City **Tulsa** State **OKla 71417**

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

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

Perf. @ 540' Top cement @ 565'

CEMENT

Amount Ordered **300 SK 60 1/4 6% gel 50 SK com 3%**

EQUIPMENT

Pumptrk #177	No. Cementer	<i>[Signature]</i>
	Helper	<i>[Signature]</i>
Pumptrk #146	No. Cementer	<i>[Signature]</i>
	Helper	<i>[Signature]</i>
Bulktrk #213	Driver	<i>[Signature]</i>

Consisting of	230
Common	5 SKS @ 5.25 = 26.25
Poz. Mix	120 SKS @ 2.25 = 270.00
Gel.	15 SKS @ 2.625 = 39.375
Chloride	2 SKS @ 21.00 = 42.00
Quickset	

DEPTH of Job	
Reference:	
	Pump TRUCK CHRG 475.00
	2.00 per mile 32.00
	Sub Total
	Tax
	Total 507.00

Handling	1.00 per SK	350.00
Mileage	4¢ per SK/mile	224.00
	16 mile	
	Sub Total	
	FEB 15 1991	Total 2,161.00

Remarks: **BRIDGE Plug @ 2450' Set of PERFS @ 540', RAN Packer To 450' at Set, loaded BACKSIDE & shut in @ 500#. TOOK RATE DOWN Tubing of 3 BBY per min @ 700#. ANNULAS circulate. MIXED cement & LOST circulation several times while mixing squeezed OFF Perf. @ 1,000#. Released Packer & WASHED Tubing CLEAN. Reset & Pressured up to 1,000# & Held, came out of Hole.**

(State)