STATE CORPORATION COMMISSION OF KANSAS	API NO. 15051-24496 -000
OIL & GAS CONSERVATION DIVISION	Filis
WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY	CountyEllis
DESCRIPTION OF WELL AND LEASE	.N/2 .NW. SF. Sec. 6. Twp115. Rge. 16. X West
Operator: License #	2310 Ft North from Southeast Corner of Section
Name ROBERT R. PRICE OPERATING INC. Address P.O. BOX 470442	1980 Ft West from Southeast Corner of Section (Note: Locate well in section plat below)
City/State/Zip Tulsa, Oklahoma 74147	Lease Name Richmond "B"
Purchaser None (Dry Hole)	Field Name. Leib NW
Pohert P Drice	Producing Formation None (Dry Hole)
Operator Contact Person Robert R. Price Phone AC 918, 492-1694	Elevation: Ground
Contractor:License #	Section Plat
Name Helberg Oil Company	4950 4620
Wellsite Geologist Robert R. Price Phone AC 918, 492-1694	4290 3960
Phone	3630 3300
Designate Type of Completion	2970
X New Well Re-Entry Workover	2310 1980
OII SWD Temp Abd	1650
Oll SWD Temp Abd X Delayed Comp.	990
Other (Core, Water Supply etc.)	660
If OWWQ: old well info as follows: Operator	5280 4950 3960 3960 3300 2540 2540 2540 2560 330 330 330 330 330
Well Name	04448888888
Comp. DateOld Total Depth	WATER SUPPLY INFORMATION
WELL HISTORY	Disposition of Produced Water:Disposal
WELL HISTORY	Docket #
Drilling Method:	Docket #
	Questions on this portion of the ACO-1 call:
Drilling Method:	
Drilling Method: X Mud Rotary Air Rotary Cable	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717
Drilling Method: XMud Rotary Air Rotary Cable 7=17=87	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
Drilling Method: XMud Rotary Air Rotary Cable 7=17=87	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water:
Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473' Total Depth PBTD	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
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Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473' Total Depth PBTD Amount of Surface Pipe Set and Cemented at 20 feet Multiple Stage Cementing Collar Used? Yes X No if yes, show depth set feet	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473' Total Depth PBTD Amount of Surface Pipe Set and Cemented at Air Rest Multiple Stage Cementing Collar Used? Yes X No if yes, show depth set feet If alternate 2 completion, cement circulated WII1 be	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit # GroundwaterFt North from Southeast Corner (Well)Ft West from Southeast Corner of Sec. Twp RgeEastWest Surface WaterFt North from Southeast Corner
Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473' Total Depth PBTD Amount of Surface Pipe Set and Cemented at A. Feet Multiple Stage Cementing Collar Used? Yes X No if yes, show depth set feet If alternate 2 completion, cement circulated WII1 be from 1100 feet depth to Surface W/ 400 sx cmt Cement Company Name BJ Titan	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473' Total Depth PBTD Amount of Surface Pipe Set and Cemented at A. Feet Multiple Stage Cementing Collar Used? Yes X No if yes, show depth set feet If alternate 2 completion, cement circulated WII1 be from 1100 feet depth to Surface / 400 sx cmt	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
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Drilling Method: X Mud Rotary Air Rotary Cable 7-17-87 7-25-87 Spud Date Date Reached TD Completion Date 3500' 3473'. Total Depth PBTD Amount of Surface Pipe Set and Cemented at A. Feet Multiple Stage Cementing Collar Used? Yes X No If yes, show depth set feet If alternate 2 completion, cement circulated WII1 be from 1166 feet depth to Surface / 400 sx cmt Cement Company Name BJ Titan Invoice # NA will send copy when available INSTRUCTIONS: This form shall be completed in triplication of the surface	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit # GroundwaterFt North from Southeast Corner (Well)Ft West from Southeast Corner of Sec. Twp Rge. East West Surface WaterFt North from Southeast Corner (Stream,pond etc)Ft West from Southeast Corner Sec. Twp Rge East West Other (explain)
Drilling Method: X Mud RotaryAir RotaryCable 7-17-87	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
Total Depth PBTD Amount of Surface Pipe Set and Cemented at	Questions on this portion of the ACO-1 call: Water Resources Board (913) 296-3717 Source of Water: Division of Water Resources Permit #
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			SIDE TWO				, ,	, L
Operator Name	rt R. Pri	ce Operating	Inc. Lea	se Name	tichrond '	'B''	.Well #	* 1
Sec Twp:::	Rge.	.16	East West Cou	intyEl	lis	•••••	•••••	,
			WÊLL LOG		4			
INSTRUCTIONS: Show tests giving inter pressure reached s If gas to surface du	val tested tatic level,	, time tool op hydrostatic pr	formations pen en and close essures, botto	d, flowing m hole temp	and shut—i perature, f	in pressure Luid recove	s, whether shut	t-in
Drill Stem Test Samples Sent to Cores Taken		Yes Survey Yes Yes	No No No I	Anhydri Topeka Heebner	K Log Log Log te (dril)	To ler 110 - 282 306	mple p Bottom 00 1150 88 3060 90 3064 98 3350 94 3382	ና ወ)
Re	s port all str Size Hole Drilled	CASING RECO ings set-conduc Size Casing Set (in O.D.)		Used intermedia Setting Depth	te, product Type of Cement		Type and Percent	
Surface	124"	8.5/8"	20#	2091	connon		••••••	New
	7 7/8" RFORATION REC	5½" CORD e of Each Interv	15#		RFC cture, Shot nd Kind of I		queeze Record sed) Depth	Used
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TUBING RECORD	Size	Set At Pa	icker at	Liner Ru	n Ye	s No]
Date of First Produ	uction Produ	ucing Method	lowing Pum	oing [] Gas	Lift 0t	her (explai	in)	<u> </u>
Estimated Production Per 24 Hours	on 🏓	Oil Bbls METHOD	Gas MCF		er G Bbls	as-Oil Rati	·	
Disposition of gas	: Vented Sold Used on	[Open Hole Other (Spe	,Perfo		·····		<i>2</i>

15-051-24496-0000

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR Robert R. Price LEASE WANT Richmond "B"

SEC 6 TWP 11 RGE 16 (W)

FILL IN WELL INFORMATION AS REQUIRED.

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

thut-in pressures, and recoveries.	.1				
FORMATION DESCRIPTION, CONTENTS, EN	70	BOTTOM	NAME	DEPTH	
Sand & Shale Sand & Shale Sand & Shale Shale Anhydrite Shale & Lime Lime & Shale Shale & Lime Shale & Lime Shale & Lime Lime Lime Lime Lime Lime Lime Lime	0 227 700 1070 1100 1134 1369 1665 1755 1930 2080 2200 2305 2435 2595 2735 2850 2975 3055 3135 3200 3265 3325 3415 3500	227 700 1070 1100 1134 1369 1665 1755 1930 2080 2200 2305 2435 2595 2735 2850 2975 3055 3135 3200 3265 3325 3415 3500		DEFTH	
Run 5½" Casing					
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			BLEYNYE STATE UPSTON SU	D Maria succession	
			SEP 1 1 19		

Robert R. Price OPERATING, INC. BOX 470442 TULSA, OKLAHOMA 74147

September 4, 1987

State Corporation Commission Conservation Division 200 Colorado Derby Building Wichita, Kansas 67202

> Re; Robert R. Price Operating, Inc. #1 Richmond "B" N/2 NW SE Section 6-11S-16W Ellis County, Kansas

> > API #15-051-24496

Gentlemen:

Please find enclosed all information pertaining to the captioned.

Request is hereby made to temporarily abandon the #1 Richmond "B" until it is needed as a water injection well when secondary operations are commenced on the adjacent Richmond, Richmond "A", Dreiling and Chesney leases.

The Richmond #1 B has been perforated and tested through casing in all zones that are productive in the above mentioned leases and is idealy situated for use as a water injection well.

Casing will be cemented below the Anhydrite and a steel cap and guard will beplaced on the casing and around the well. The landowner, Mr. Gayle Richmond, has given his approval and consent to Temporarily abandon the well and save for future use.

Yours truly

ROBERT R. FRICE OPERATING. INC.

Robert R. Price, President

STATE CO

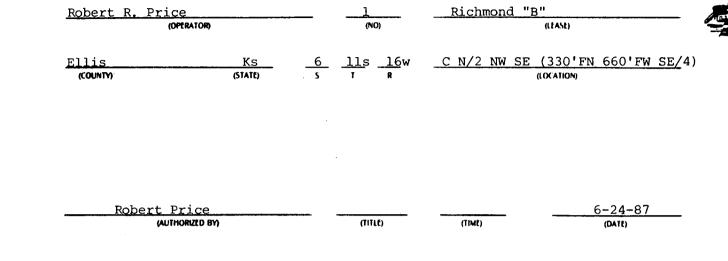
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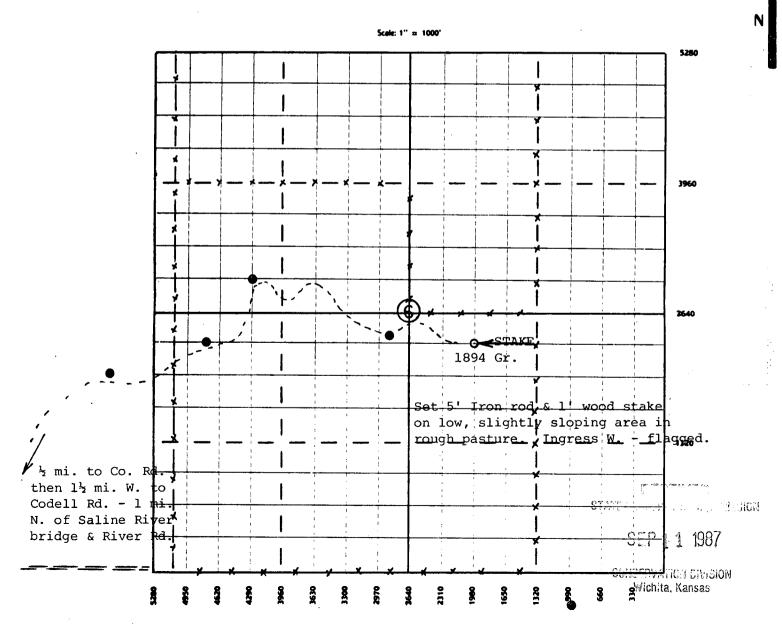
SEP 1 1 1987

AMERICAN ELEVATIONS, INC.

WICHITA 316-262-3311

P.O. BOX 56 HAYS, KANSAS 67601 **WESTERN KS 913-625-4275**





Robert R. Price

PETROLEUM GEOLOGIST ● ENGINEER BOX 470442 TULSA, OKLAHOMA 74147

August 4, 1987

GEOLOGIC REPORT

Robert R. Price Operating, Inc. #1 Richmond "B" N/2 NW SE Section 6-11S-16W Ellis County, Kansas

API #15-051-24496 Commenced: 7-17-87

Completed: 7-25-87

Casing Record: 8 5/8" @ 209 w/130 sx. 5½" @ 3499' w/225 sx.

Elevation: 1894' GD.

1896' DF.

1899' KB.

RTD: 3500° LTD: 3473' PBTD; 3473'

FORMATION TOPS

	•		
	Sample *	Log	Subsea
Anhydrite	1100'		+799
Topeka	2828*	2828*	-929
Heebner	3056*	3060'	-1161
Toronto	3075'	30801	-1181
Lansing	3096'	30981	-1199
Base of Kansas City	3344'	33501	-1451
Marmaton	3348"	33541	-1455
Conglomerate	3377*	33861	-1487
Arbuckle	NR	NR	
LTD	3473		
RTD	3500		

Drill Stem Tests: None.

Blectric Logs: Mercury Wireline cased hole GR/N, Sonic - Bond

Cores: None.

SHOWS OF OIL

Charles, These divisions

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E CUM PRATION OF

Topeka 2828 - 3060:

2857-2870: Limestone, buff to tan, fine crystalline, soft, mealey in part, good, intercrystalline and pinpoint porosity with occasional vugular porosity, medium brown uniform stain, scattered bark brown spotted stain with some saturation.

GEOLOGIC REPORT
#1 Richmond "B"
Page 2

Toronto 3080-3092:

3082-3090: Limestone, light grey, fine crystalline, ample good vugular porosity, medium brown spotted stain in porosity with minor saturation. TEST

Lansing-Kansas City 3098-3350:

3102-3106: Limestone, fine crystalline, buff, soft, minor fair light brown spotted stain, fair intercrystalline porosity. TEST

3122-3126: Limestone as above with increase in quality of porosity and stain. TEST

3138-3145: Limestone, white, fine to medium crystalline, fair to good intercrystalline porosity with ample vugular porosity, fair medium brown spotted stain. TEST

3158-3164: As above. TEST

3176-3178: As above, increase in stain and poropity. TEST

3184-3196: Limestone, white to light tan, medium crystalline, fossiliferous, good porosity and medium brown stain.

TEST

3242-3250: Limestone, white to light grey, fine crystalline, fair intercrystalline porosity, poor to fair light brown spotted stain. TEST

3263-3270: Limestone, grey to buff and tan, fine to medium crystalline, fair to good intercrystalline porosity, medium brown spotted stain with traces of saturation. TEST

3282-3294: As above with increase in stain and porosity. THST

3314-3322: Limestone, medium crystalline, good fossil porosity, good medium brown stain ample saturation. TBST

3338-3348: As above with slight decrease in stain and porosity.
TEST

Marmaton 3354-3387:

3376-3382: Limestone, fine crystalline, buff, mealy, fair intercrystalline porosity, fait medium brown uniform stain. TEST.

· · O DETACK COMMISSION

GEOLOGIC REPORT
#1 Richmond "B"
Page 2

Conglomerate 3387-3500 (TD):

3420-3436: Limestone and sand - Limestone, cream to buff, fair to gooff vugular porosity, good dark brown stain in porosity. Sandstone, medium grain, poorly sorted, soft, medium brown uniform stain. TEST

RECOMMENDATIONS

The #1 Richmond "B" is not as high structurally as I had hope it would be. However, it appears that in the area that structure is secondary within the the limits of -1180 to -1205 approximately. Porosity and permeability seem to be the most important within the above limits.

Shows of oil and porosity seemed to be better in the Topeka, Toronto and lower Lansing-Kansas City zones in the #1 Riwhmond "B" than any of the other wells in the area. Shows of oil and porosity in the upper Lansing-Kansas City were not as well developed as in other wells.

The Marmaton show and porosity was on par with those exhibited in wells on the Chesney and Richmond Leases to the south.

Shows in the Conglomerate were good. However, I cannot make a comment on their value until the zone is tested.

It was recommended that casing be installed and all shows of oil tested.

Yours truly, ROBERT R. PRICE

PTOTO I ANTHONY COMMISSION

SEP 1 1 1987,

CHASTRYATION LIVISION Wichia. Kansas PHONE

AREA CODE 918 492-1694 • 492-9213 NEW ADDRESS
P. O. BOX 470442
SOUTHEAST STATION
TULSA, OKLAHOMA 74147

ROBERT R. PRICE

PETROLEUM GEOLOGIST - ENGINEER
P. O. BOX 45442
SOUTHEAST STATION
TULSA, OKLAHOMA 74145

COMPLETION REPORT

Robert R. Price Operating, Inc. #1 Richmond "B"
N/2 NW SE Section 6-11S-16W
Ellis County, Kansas

API #15-051-24496

Commenced: 7-17-87

Completed: 7-25-87

Elevation: 1894' GD.

1896' DF.

1899' KB.

Casing Record: 8 5/8" @ 209' w/130 sx.

 $5\frac{1}{2}$ " @ 3400' w/225 sx.

RTD: 3500° LTD: 3473° PBTD: 3473°

ELECTRIC LOG TOPS

Anhydrite	1100' +799
Topeka	2828' -929
Heebner	3060* -1161
Toronto	3080' -1181
Lansing	3098* -1199
Base of Kansas City	3350' -1451
Marmaton	3354' -1455
Conglomerate	3386' -1487
Arbuckle	NR
RTD	3500' -1601
LTD	3473' -1547

7-29-87: RU Mercury Wireline and run GR/N and Sonic Bond cased hole logs.

8-11-87: RU C & L Well Service and swab casing to 2900'. SD.

8-12-87: RU Mercury Wireline and Perforate Conglomorate at 3401-3407 with 1 hole per foot. Swab casing dry to 3473' - no show of oil. Acidize with 500 gallons of 15% HCL. Maximum pressure 700#. IR 4½ BPMat 700#. SD rain.

8-13-87: Swab casing with a trace of oil. Perforate Marmaton at 3376-3382 with one hole per foot. Ran retrievable bridge plug and set at 3390'. Swab casing dry. Acidize with 500 gallons of 15% ACIDED HCL. Maximum pressure 700#. IR 2 BPM at 500#. Swab casing with a slight show of oil. Check plug - O.K. Perforate Kansas City 1 1 1987

COMPLETION REPORT
Robert R. Price Operating, Inc.
#1 Richmond "B"

Page 2

"L" zone at 3338-3348 with 1 hole per foot, Reset plug at 3365'. Swab casing dry. Acidize with 750 gallons of 15% HCL. Maximum pressure 500#. IR 4½ BPM at 500#. Swab casing with no show of oil. Check plug - O.K. Perforate Kansas City "K" zone at 3314-3322 with 1 hole per foot. Reset plug at 3330'. Swab casing dry. Acidize with 500 gallons of 15% HCL. Maximum pressure 1600#. SION with pressure on casing.

- 8-14-87: Pressure 900#. IR 4½ BPM at 600#. Swab casing with no show of oil. Check plug O.K. Perforate Kansas City "J" zone at 3282-3294 with 1 hole per foot. Reset plug at 3305'. Swab casing dry. Acidize with 750 gallons of 15% HCL. Maximum pressure O# started feeding immediately. IR 5 BPM at 700#. Swab casing with a slight show of oil. Perforate "I" zone at 3264-3270 with 1 hole per foot. Check plug plug had noved down below "K" zone perforations. Pulled plug and ran new plug and set at 3305'. Swab casing dry. Acidize with 1,000 gallons of 15% HCL. Maximum pressure 150#. IR 7½ BPM at 750#. Checked plug nowed to 3322'. "J" and "K" zones communicated. Reset plug at 3275'. Swab casing dry. Acidize with 500 gallons of 15% HCL. Maximum pressure 700#. IR 3 BPM at 200#. SION.
- 8-15-87: Checked plug moved up to 3269*. Swab casing with no show of oil. Perforate Kansas City "H" zone at 3242-3250 with 1 hole per foot. Reset plug at 3258*. Swab casing dry. Check plug O.K. Acidize with 500 gallons of 15% HCL. Maximum pressure 950#. SION.

8-16-87: SD.

- 8-17-87: Pressure O#. Check plug O.K. Swab casing with no show of oil. Check plug O.K. Perforate Lansing "G" zone at 3185-3195 and Lansing "F" zone at 3177-3179 both with 1 hole per foot. Reset plug at 3222'. Swab casing dry. Acidize with 1,000 gallons of 15% HCL. Maximum pressure 350#. IR 4 BPM at 50# on vacumm in 2 min.. Swab casing with slight show of oil. Check plug O.K. Perforate Lansing "D" zone at 3156-3164 with 1 hole per foot. Reset plug at 3170'. Swab casing dry. Check plug O.K. Acidize with 500 Gallons of 15% HCL. Maximum pressure 250#. IR 3 BPM at 150#. Swab casing with no show of oil. Check Plugmoved to "F" zone perforations. SD. Ran acid survey. SD.
- 8-18-87: Pulled plug and swab all perforations with slight show of oil.

 Acid survey indicated all zones had received partial to complete treatments. Also indicated was possible communication between some zones with positive communication between "K" and "J" zones. Perforate Lansing "C" zone at 3139-3145, Lansing "B" zone at 3122-3126, Lansing "A" zone at 3102-3106, Toronto 3082-3090 and Topeka 2858-2870 all with 1 hole per foot. SPECIATION COMMISSION wait on tubing.

COMPLETION REPORT
Robert R. Price Operating, Inc.
#1 Richmond "B"

Page 3

8-19-87: Ran straddle packers. Lansing "C" zone 500 gallons of 15% HCL. IR 6 BPM at 1250#. Lansing "B" zone 500 gallons of 15% HCL. IR 3 BPM at 300#. Lansing "A" zone 500 gallons of 15% HCL. 6 BPM at 1050#. Toronto 500 gallons of 15% HCL. IR 5 BPM at 1000#. Topeka 1.000 gallons of 15% HCL. IR 6 BPM at 1000#. SD.

8-20-87: Pull packers and swab casing with no show of oil.

The #1 Richmond"B" wi11 be completed as a dry hole. However, because of its' location near the Richmond "A" lease it is ideally suited for use as a water injection well in the future. Therefore, those interest owners not in the Richmond "A" lease will be give a refund for the casing that could be recovered if the well were plugged and abandoned less expense incurred in recovery of such casing.

Respectfully submitted,

ROBERT R. PRICE

STATE OF ALLEAS AND BOLLARSSION

CEMENTING SERVICE REPORT					T95AZ	MENT NO	19821	DATE	5/47
DS-496, PKINTED IN U.S.A.	DOWELL SC	HLUMBERGER	INCORPORA ⁻	TED	STAGE	P\$:,	ทศล์	11ET 15.9	12
WELL HAME AND MON 15 -	LOCATION (LEGA		RIG NAME:						
LUBERT BILLY	1x00.1-	115/ 100m)	WELL DATA		Ε	воттом		T	OP_
FIELD-POOL	FORMATION		BIT SIZE 7	CSG/	Liner Size	5%			
	crd-c	Tabl No	TOTAL DEPT	TH WEI	GHT	15.50			
COUNTYPARISH	STATE	API. NO.	□ROT □CA	BLE FOO	TAGE	3500	835		
		T_{ii} : T_{i}	MUD TYPE	GRA	DE	00		C-2	
NAME 1 /- Y / / /	Ico por	1017 61	ВНСТ		FOOTAGE	85	72256	£3.	
AND 1018 117 1111	·	`\. ^	MUD DENSIT	SHOE	. Capacity	15	.0238	·	TOTAL
Traffy at	+ // 11/1/ /		NOTE: Includ			L und Level	To Head I	n Disp.Capac	t y
ADDRESS.	ZIP CODE		TYPE O	-105-01		<u>=</u>	TYPE		
SPECIAL INSTRUCTIONS	ZIF CODE		L DEPTH	3485	 	F	DEPTH	-	
(mest 55 (25 mg 1)	1 225sks10	10810 T	O TYPE	(Jul.	Jue .	3	2		
To Ber Control	000) 34 3 15	.,		TBG			_	J UEEZE JOB	
135 135 11 (107 11) /			1 	SIZE	00.	_		OCCEPT OF	
			Single	□ WEIGH	ıT	⊣ × ⊢—	РТН		
			□ Swage	□ GRAD	E	TAIL	PIPE: SIZI	E DEF	אדי
IS CASING/TUBING SECURED? YES			Knockoff			TUBIN	IG VOLUI	ME	Bbls
LIFT PRESSURE F	OSI CASING WEIGHT	÷ SURFACE AREA 4 x R')	TOP OR OW		JUSED	CASING	VOL.BE	_OW TOOL	Bbls
PRESSURE LIMIT PS	SI BUMP PLUG TO	PSI	BOT OR OW	DEPTH		TOTA	<u>L</u>		Bbis
ROTATE RPM RECIPROCAT	L	f Centralizers	<u> </u>				AL VOLL		Bbls
	LUME JOB SCHE	DULED FOR	ARRIVE OF	DAT	E: 725	TIME	198A)	ON) DATE:	1/25
0001 to 2400 OR D.P. CASING	INJECT ENT CUM RATE	FLUID FLUID TYPE DENSITY			SERVIC	E LOG D	ETAIL		
		F	PRE-JOB SAFE	TY MEET	ING		'		
094(0 9/30)	5 0 49	160 834	Pump 56	SBL Ha			2	V-56	
0918 170 1	2 5 45	CW10 8 25	Pump 12 B	77	100		(d)\f	- 5	
0750 22900	5 17 6/21		Rump 56	1773			6+	56	
015 20 (a)	22 4.5	mt 142	JAN 225	1	JR.F.C.		65	19	,
			HUT DOWN	DAUF		·WASI	4 LINE	SSINTE	Deplana
1005 950 85	3 136 46		StArt Disp	TAKEMEN	+			·····	
1006	89 3		WICE TURE	14119 (8	Ner				
107-1 50			Slow Porte	10712	Ben 2	OP: NI	VÝ VA	HO TAUK	
1021 80	106		Ement Tun	1.40 (V)	ne-				
			<u></u>	<i></i>	` '	٠		25 11	11
10/15	$ \mathcal{A}' $		Bump Plu		r mati	1754 - C	16-191	Jag (guld	Hing
			جر ب ا آ ا		AWK +	m c	Wet-	That Cou	St. J
			Bui	nick	(نکریو ،	F 1595-	54 me	16982	
			Bum	placy	めてぶ	91 Hel	047.0C		
		<u> </u>							
REMARKS									
CYSTEM INC OF LAISING									T
SYSTEM NO. OF YIELD SACKS CU. FT/SK	ar a marine	COMPOSITION O	F CEMENTING	SYSTEM	s			SLURRY BBL'S)	DENSITY)
1. 225 1.6 27	25 sks 10-0 R	<i>F.C.</i>	STATE	COScONE	WH COIT	MECIOIA		<u> </u>	171.4
2.				055	1 1987				_
3.			•	SEP 1	1 1201				
5.			25 A	ibiologis	1031 20 00	·*)¦			
6.			<u>C</u> (4. (1.189)	··········			
BREAKDOWN FLUID TYPE	VOLUME		DENSI		ESSURE		MAX.	1110 MIN	. ()
	ING SQ. CIRCULAT	TION LOST				ulated To			Bbls.
BREAKDOWN PSI FINAL	PSI DISPLACE	MENT VOL. Z	3 Romanto	Bbis T	PE -	Jaceu 10			
Washed Thru Perfs DYES DNO TO		D DISPLACEMENT	3 Rmillo.	ELINE W	ELL GA	s/ (E	STORAG INJECTI	ON DWIL	NE WATER .DCAT
PERFORATIONS		R REPRESENTATI	IVE	D		PERVIS			
TO TO TO TO		Approximately and the second	*	<u> (</u>	tuc	. Da	UMDA	n	

Gorham Well Service

dox 52 Borham, Kansas 67640 Days — 913/637-5316 Nights — 913/483-3404

In account with:	Date S	ept. 29, 19	87
Robert R. Price Producing, Inc.	Invoice	Nº 20	4
Date	Order No.		
Location Richmond B-1		lo	
DESCRIPTION OF WORK	T	AMOUNT	TOTAL
9-25-87			
۰			
Moved to location. Rigged up. Ran plug and 3 jo	ints		
of $2\frac{1}{2}$ " with sandline to 1550". Set plug. Pulled	out	1 1	
3 joints of 2½ tubing. B. J. pressured up. Dug	out		
braden head. Hooked up B. J.'s pump and pumped c	ement.		
Ran catcher to get plug. Pulled it 300 ft. Coul	dnot		
retrieve packer through casing with sandline. To	re		
down.	1		
-	į		
7 hr. @ \$60.00	-	\$420 00	
Sales Tax		16.80	
TOTAL INVOICE			\$436.80
	ł		
STATE CORPORATION CONNESS	UM.		
CTATE CORPORATION			
STATE CORPORATION 1988			
Chusaine parasa Legy "	•		
Chically lancing	l		

MERCURY WIRELINE, INC.

1023 Reservation Road - P.O. Box 680 Hays, Kansas 67601-0680 Phone 913 / 625-1182

	0	,	1	0	Price	Ticket	/	DATE	<u>Set</u>)+,	36.1	987
CHARGE TO	o: <u>Ko4</u>	beri		<i>K</i>	Price_	$\bigcirc \rho_{e}$	cati	٠,				
								/				
LEASE AND	WELL NO.	Kic	hmo	rd 1	# 1-B	F	ELD					
NEAREST T	NWC				== /-B 	COUNTY	Ell	1,	S	TATE	 د ځ ـ	
CUSTOMER	'S ORDER N	0			SEC.	6	TWP	. 115	R	ANGE	160	
ZERO	5++	A60	<u>/</u>		CAS	SING SIZE	5/2		WEIGH	 IT		
CUSTOMER					Mercury W	/L T.D. 13	28	1		'FI I	:-//	
ENGINEER	B. Kl	مسد	7	- He	Mercury W	OPERATO	OR .		10.5 121	<u>-</u> -		
			RATING									
CODE	OST CONDITION	NO	0	EPTH	AMOUNT	CODE			K RENTAL		T	
REFERENCE	DESCRIPTION	HOLES	FROM	10	AMOUNI	REFERENC	E RUN	I NO.	PREVIOUS INVO	DICE NO.	AMOUR	NT T
	<u> </u>	-		 		100	0,	16			350	00
		<u> </u>		ļ <u>.</u>			DEF	TH OF OPE	RATIONS CH	IARGES		
				<u> </u>		Code Reference	From	To	No. Feet	Price Per Ft.	Amou	unt
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	PLUGS, I	PACKER	S, AND O	THER							100	
CODE	MFG. TYPE	SIZE	ASING WEIGHT	DEPTH	AMOUNT							
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MISCELLANEO						• • • • • • •	• • • • • •	• • • • • • •	• • • • • • • •	• • • • •		
INFORMATION						******	· · · · · · · · ·		• • • • • • • •	• • • • •	<u> </u>	
	,						THA				* 450	00
RECEIVED	THE ABOVI	E SER	VICE A	CCORDIN READ A	G TO THE TER ND TO WHICH	RMS AND CO	NDITION Y AGREI	S SPECIF	ED BELO	w whic	H WE HA	IVE
C												
Customer _					General Term	Au s And Condition	thorized a	Agent				
(1) All accounts ar	e to be paid within t	he terms fi	xed by Merc	ury W L invoic	es; and should these ter	ms not be observed, i	nterest at the r	ate of 1.5% per	month will be ch	arged from th	e date of such	invoice.
(2) Because of the and will not be	uncertain conditions held responsible for p	existing in personal or	n a well whic property dan	h are beyond t nage in the perf	he control of Mercury ' ormance of their service	W L, it is understood	by the custom	er that Mercury	W L, cannot g	uarantee the	results of their	services
(3) Should any of	Mercury W L, ins	trumente l	e lost or dan	naged in the pe	rformance of the operat	ions requested, the co	istomer agrees	to make every n	asonable effort	to recover san	ne, and to reim	nburse

It is further understood and agreed that all depth measurements shall be supervised by the customer or its employees, and customer hereby certifies that the zones, as shot were approved.

The customer certifies that it has the full right and authority to order such work on such well and that the well in which the work is to be done by Mercury W.L. is in proper and suitable condition for the performance of said work.

(6) No employee is authorized to alter the terms or conditions of this agreement. Printcraft Printers - Hays

State of the state

BJ-TITAN SERVICES COMPANY

INVOICE DATE 09/25/87

DIRECT BILLING INQUIRIES TO:	TERMS	REMIT TO:			
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	BJ-TITAN SERVICES P.O. BOX 200416 HOUSTON, TX 77216			

PAGE	INVOICE NO.
1	XE003

ROBERT R PRICE

80X 45442

TULSA

OK 74145

AUTHORIZED BY 362627

•

PURCH. ORDER REF. NO.

WELL NUMBER : B-1

CUSTOMER NUMBER : 02642002

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH		CITY	DISTRICT NAME	DISTR. NO.
RICHMOND	.15	· · · · · · · · · · · · · · · · · · ·		. , , , , , ,	HAYES	3370
JOB LOCATION/FIELD		. MTA DIST	MTA DISTRICT DATE OF JOB		TYPE OF SERVICE	
; ; ;				09/25/87	LAND-SQUEEZE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102103	1.00	CEMENTING THRU TUBING 0 TO 300 FT	375.00		375.00
10109005	30.00	MILEAGE CHRG. FROM NEAREST BASE OF	1010		33.00
1410504	150.00	CLASS "A" CEMENT	5.30	CF	795•00
10415018	150.00	DIAMIX F	2.61	CF	391.50
10+20145	15.10	BJ-TITAN GEL, BENTONÎTE, BULK SALES	6.75	CW	101.93
10426525	6.00	COTTON SEED HULLS PER CWT	14.00	SK	84.00
10880085	300.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		285.00
10940101	205.50	DRAYAGE. PER TON MILE	0.70		143.85
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		the second secon	· · · · · · · · · · · · · · · · · · ·		
	Ì		SUBTOTAL		2,209,28
			DISCOUNT		441.86
ACCOUNT	4.0	00000% STATE TAX FECTIVE STATE COMPORATION CO	CAMISSION 767.4	2	70.70
		F23 1 0 12	3 3		
			โครและก.		
		Curolita, Kans Wichita, Kans	99 Afora		
TAX EXEMPTION STATE	us:	PAY THIS AMOUNT		_	1,338.12

February 11, 1988

Ms. Kathleen K. Carlisle State Corporation Commission Conservation Division 200 Colorado Derby Building Wighita, Ks. 67202

> Re: Notice, Dated February 1, 1988 Richmond "B" Well 6-11-16W, Ellis County, Kansas

Dear Ms. Carlisle,

Enclosures will suffice for the information you have requested.

Please note on the Temperature Log that the cement was logged to 1328'. A retrievable bridge plug was set at this depth in the casing. The log indicates that there is cement bond to this depth. Estimated calculated depth of the cement id 1890'.

Yours truly,
ROBERT R. PRICE OPERATING, INV.

Robert R. Price, President

Consciention Separates