STATE CORPORATION COMMISSION OF KANSAS	API NO. 15-	097-21,2	269 <b>-0000</b>	
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County	KIOWA		
ACO-1 WELL HISTORY . DESCRIPTION OF WELL AND LEASE	C NW	NE Sec. 17	Twp. 298 Rge.	20W Eas
Operator: License # 5414	4620	Ft. Nor	th from Southeast	Corner of Section
Name: J. MARK RICHARDSON	1980		t from Southeast C	
Address 155 N. MARKET		(NOTE:	Locate well in sec	tion plat below.
SUITE 840	Lease Name	TIECTI AND	Well #_	
City/State/Zip WICHITA, KS. 67202	l l	WESTLAND		<del></del>
Purchaser: -NONE- (WAITING FOR MARKET)	ľ	ormation MISSI		2/02
Operator Contact Person: CARL SCHIELD			K8	
Phone (316) 723-2204	Total Depth	2130	PBTD _	
Contractor: Name: GABBERT-JONES INC.	RECEIVED		<del>┩╶┤╌<u>╏</u>╶┼╒┩</del> ┼┼┼┩	280 950 520
License: 5842 STATE C			<del>┨╶╎╸╎╸┞╶╏╸╿╸╏╸</del> ┦╺2	290 960
Wellsite Geologist: J. MARK RICHARDSON	UG 2 6 199		36	630 300
	HVATION DIVI	301-	26	970 640 310
Oil SWD Temp. Abd.  X Gas SL Inj Delayed Comp.  Dry Other (Core, Water Supply, etc.)			13 99 66	980   N 550   N 320 90 60
If OWNO: old well info as follows:  Operator:		29.00 20.00 20.00		30 N/r-Z
Well Name:	Amount of Su	urface Pipe Set a	nd Cemented at	612 Feet
Comp. Date Old Total Depth	Multiple Sta	age Cementing Col	lar Used?	_ Yes <u>X</u> No
Drilling Method:X_ Mud Rotary Air Rotary Cable	If yes, show	depth set		Feet
<del></del>	If Alternate	e II completion,	cement circulated	from
3/15/89 4/6/89 7/7/89 Spud Date Reached TD Completion Date	feet depth 1	to	w/	sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate and Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will writing and submitted with the form. See rule 82-3-wireline logs and drillers time log shall be attached with form with all plugged wells. Submit CP-111 form with a conversion of a well requires filing of ACO-2 within 120 days	s of the spud of be held confidential 107 for confidential this form. All temporarily	date of any well. dential for a per dentiality in exc LL CEMENTING TICK y abandoned wells	Rule 82-3-130, iod of 12 months i ess of 12 months. ETS MUST BE ATTACH	82-3-107 and f requested in One copy of all
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to the statement herein are considered as the statement herein are complete and correct to the	lgated to regul the best of my	late the oil and g knowledge.	as industry have be	en fully complied
Signature Date Subscribed and sworn to before me this 23 day of AUG	3/23/91	F Lette	c. OFFICE USE OWL er of Confidential line Log Received lers Timelog Received	ity Attached
Notary Public Sim Santellar		KCC KGS	DistributionSWD/RepPlug	NGPA
Date Commission Expires				(Specify)

KIM SANTELLAN
State of Kansas
My Appt. Exp. 2-22-92

### SIDE TWO

Operator Name	J. MARK RI	CHARDSON	Lease Name	MILLER		Well#	1 /
	•	☐ <sub>East</sub>	County	KIOWA			
Sec. <u>17</u> Tup. <u>29</u>	Rge. <u>20</u> _	<b>⊠</b> Wesτ					,
interval tested, ti	me tool open a es, bottom hole	and base of formati nd closed, flowing a temperature, fluid re opy of log.	and shut-in pres	ssures, whethe	er shut-in pre	ssure rea	ched static (eve
Orill Stem Tests Tak (Attach Additions		☐ Yes ☒ No			Formation Desc	ription	
Samples Sent to Geol	logical Survey	X Yes  No			∄ Log □	Sample	
Cores Taken		Yes X No	Name Name	2.67	Top	Bott	com
lectric Log Run (Submit Copy.)		Y Yes No	MISS LI LANSING	}	5104 4472	2702 2070	
,			HEEBNER MISS DO	<del>-</del>	4290 5130	1888 2728	
	£;		11100 00		5150	2720	
-		CASING RECORD			<del></del>		<del> </del>
	Report a	Li strings set-condu	New X u		production, etc	C	
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
SURFACE	-	8 5/8	24#	612	60/40 POS	300	2% GEL 3%C
PRODUCTION	7 7/8	4½	10.5#	5240	60/40 POS	2.75	2%GEL 3%C_C
Shots Per Foot	PERFORATION Specify Foota	i N RECORD ge of Each Interval I	Perforated		racture, Shot, Kind of Mater		µeeze Record Depth
2	5132-5135			15% 500	GAL		5132-5135
2 2	5127-5129 5114-5116		<u> </u>	11			5127-5129 5114-5116
		<del></del>	<del></del>				
						<del></del>	
TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ <sub>Yes</sub> 🏻	<del></del>	
Date of First Produ	2 3/8	5136	5014	L			
	110000	Flowing	Pumping 🔲 G	as Lift O	ther (Explain)		
Estimated Production Per 24 Hours	on Oil	Bbls. Gas 20,00	Mcf Wate	r Bbls.	Gas-Oil	Ratio	Gravity
Disposition of Gas:		ME	THOO OF COMPLET				Production Interva
Vented Solo	d Used on Used on Ubmit ACO-18.)	Lease Cpen	Hole X Perfo	ration 🗆 Du	ally Completed	d Comm	ingled
Tarinamy Of		U Other	r (Specify)	·	<del></del>	-	
•			:  -				

-2627, Russell, Kansas -793-5861, Great Bend, Kansas

## ALLIED CEMENTING CO., INC. Nº 4667

Plane	Ho	me Office I	P. O. Box 3	1	I	Russell, Konso	s 67665		
filkui.	Sec.	Twp.	Range	C	alled Out	On Location	on	Job Start	Finish
Date 3-25	-89 17	29	20	9:00	DP.M_	11:301	111	3:15 AM	4:15AM
Lease Miller	Well No.	1	Location	Kullen	willon 4	15-24W	-75	County	State
Contractor Contractor	best for	a. J	ue_		Owner	Same			_ <del></del>
Type Job Proc	wten Cas	ener_			To Allied (	Cementing Co., In	1C.	enting equipment and	fuenish
Hole Size 77	r	T.D.	24/		cementer an	nd helper to assist	owner o	t couttactot to do wo	rk as listed.
Csg. 43	· · · · · · · · · · · · · · · · · · ·	Depth S	1115	5248	Charge 7	M O	D'T		
Tbg. Size		Depth			To J	· Hack	MICH	udson	
Drill Pipe		Depth			Street 6	40 Ca	ntu	y Olaz	<u>a</u>
					City L	archit	74	State Ko	67202
Tool		Depth	1.0	1//	contractor	was done to satist	action an	d supervision of own	er agent or
Cement Left in Csg.	<del></del>	Shoe Join	18.2		Purchase Or	rder No.			
Press Max.	<del></del>	Minimum			x Ca	Schiell	1		
Meas Line 520	27'	Displace				· Ja Crima	··· <del>-</del>		
Perf.		RECEIVED	) <u>mmission</u>	•			CEIV.	IENT	
					Amount Ordered	275601	10 2	70 gel 10%	Salt
	A A	र्गेंद्र 2 <b>6 19</b>	917		Consisting of	# 20BBL	Siot	Flush - 500	4
No.	Cementer	a Ale	leky		Common	165		5,00	825,00
Pumpirk 46		Wichita, Kurs			Poz. Mix Gel.	110		2125	247,50
No.	Cementer				Chloride	<u> 4                                    </u>		6,75	40,50
Pumptrk '	Helper Driver		<del>-</del> 0		Quickset 4	FRIE C	500 gl	5. 21	105,00
Bulktrk 179	Diver		eck_		Salt	-37		4.25	175,75
Bulktrk	Driver							Sales Tax	
(	<u> </u>				Handling ,	275		190	247.50
DEPTH of Job	<del></del>	<del>- 1</del>	<del></del>		Mileage 7	0			577,50
Reference:	mo Jek (	ho	83	8,00				Sub Total	· · · · · · · · · · · · · · · · · · ·
Proit of	no Il N	Clean	4	10,00	<b>)</b>			Jub Total	
	I Puller	\ . \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		13.00	ļ				201075
	y June	876 T	otal		Floating Eq	uipment		Total	<u> 2218,75</u>
	<del></del>	<del></del>	Tax O			-1 1 1	<del>/</del>		
Remarks: 40	4	T	otal ()	<u> 1.00</u>		OTALA	3/	39.75	
	Ded	Aplet.	_ <del>.</del>		Zes	o Disc	-6	27.95	
	<u> </u>					<i>\$</i> 7	25	11.80	
					). 				
		11	leak 40	———· 权					
<del></del>			<u>~ ~~~~~~</u>	·//	<del>·</del>				

Lell, Kansas Great Bend, Kansas

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

## ALLIED CEMENTING CO., INC.

Nº ´.

4 2 2 0

Home Office P. O. Box 31

Russell, Kansas 67665

Sate Notice of the period of t	case/N://er  contractor (sabbe R)  contracto	12'14 12'14 87'8	yes #7  ng  T.D. (  Depth 6  Depth  Depth	Location F//	Owner To Allie You are cemente  Charge To	the 450/400 5.5, and Cementing Co., Inc., hereby requested to rent of and helper to assist owners.	County  K'C'L'A  Same  cementing equipment and er or contractor to do wo	State  State  furnish ork as listed.	
Source of the part	iontractor (sabbe R)  ype Job Suy face  Jole Size  sg.  bg. Size  prill Pipe  ool  ement Left in Csg.	12'14 12'14 87'8	T.D. () Depth & Depth Depth	131	Owner To Allie You are cemente  Charge To	ed Cementing Co., Inc. hereby requested to rent of and helper to assist owned to the control of	Same contractor to do we	furnish rk as listed.	
To Allied Comenting Co, Inc. You are hereby requested to root consenting equipment and furnish comenter and helper to assist owner or constructor to do work as listed.  To Allied Comenting Co, Inc. You are hereby requested to root consenting equipment and furnish comenter and helper to assist owner or constructor to do work as listed.  Charge To Nark Richard Son  Street 640 Century Plaga  City Lichith Sate Volument Son  Street 640 Century Plaga  City Lichith Sate Volument Son  Street 640 Century Plaga  City Lichith Sate Volument Son  Street 640 Century Plaga  City Lichith And Son  Street 640 Century	ype Job Sur face  Iole Size  Ssg.  Spg. Size  Orill Pipe  Gool  ement Left in Csg.	Ous, 1214 896	T.D. () Depth & Depth Depth	131	To Allie You are cemente  Charge	hereby requested to rent of and helper to assist owner and helper to assist owner.	ementing equipment and er or contractor to do wo	ork as listed.	
The state of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract of the satisfaction and supervision of owner agent or contract or co	Iole Size  Ssg.  Sbg. Size  Prill Pipe  Cool  ement Left in Csg.	1274 876	T.D. () Depth & Depth Depth		You are cemente  Charge To	hereby requested to rent of and helper to assist owner and helper to assist owner.	er or contractor to do wo	ork as listed.	
commenter and helper to assist owner or contractor to do work as listed.  Charge To Mark Richardson  Depth  Depth  Street 640 Century Plana  City Lichita State Ko 67202  The above was done to satisfaction and supervision of owner agent or contractor  contractor  contractor  Consisting of  Common 180 5.00 90000  Thelper mijke  Replication  Thelper mijke  Replication  Thelper Tack (1)  Sales Tax  Handling 300 1900 1800 1800 1800 1800 1800 1800 18	Iole Size  sg. bg. Size  prill Pipe  cool  ement Left in Csg.	1274 876	T.D. () Depth & Depth Depth		Charge To	To Mark	er or contractor to do wo	ork as listed.	
Charge To Mark Richardson  Size Depth  Depth  Size (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  Furchase Order  Purchase Order No.  X And J Chuld  Amount Ordered 3.000ks (6/100 2/10 g. 1 35/6.00  Common 1 80  Common 1 80  Common 1 80  State (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  Consisting of Cementer  Consisting of  Common 1 80  State (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  Contactor  Consisting of  Common 1 80  State (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  City Dichita State (6/10 Century Plaga  City Dichital State (6/10 Century Plaga  Ci	bg. Size  Orill Pipe  Cool  ement Left in Csg.	876	Depth & Depth		To		Richardson	r/	
Street 640 Century Plaga  Fill Pipe  Depth  Depth  City Wichita State Ko 67202  The above was done to satisfaction and supervision of owner agent or contractor  Sees Max.  Minimum  ESS Displace FIBBIS  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Contractor  Purchase Order No.  X AN Schulle  CEMENT  Consisting of  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  Common 180 5.00 900.00  The above was done to satisfaction and supervision of owner agent or contractor  Contractor  Purchase Order No.  X AN Schulle  CEMENT  Amount Ordered 36645 650/40 2/691 35/666  COMMON Amount Ordered 36645 650/40 2/691 35/66	orill Pipe  ool  ement Left in Csg.	3€′	Depth				Kichard Sol	υ'	
Depth	cool	36′			Street		~ 1		
Depth  The above was done to satisfaction and supervision of owner agent or contractor  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN A Chuld  CEMENT  The above was done to satisfaction and supervision of owner agent or contractor  Purchase Order No.  X AN A Chuld  CEMENT  Amount Ordered 3 CCSKS WC 140 2 1 3 6 C C  Consisting of  Common 180 5.00 900.00  Pox Mix 120 2.25 270.00  Gel. 6.75 40.50  Impute Helper Mike Gel. 6.75 40.50  Impute Helper Quickset  Choride 9 200.00  Identify 179  Identify 179  Identify Driver Jack W.  Identify 179  Identify Tik Chq 310.00  Mileage 70  Mal. Letq. Sub Total  Found Tik Chq 40.00  Mileage 70  Mal. Letq. Sub Total	cool	<i>∃ø'</i>				240 Centus	· • • • • • • • • • • • • • • • • • • •		
contractor  Purchase Order No.  Sess Max.  Minimum  Cess Line  S8.5   Displace 37.68  Displace 37.68  T.Be no No. Cementer Ph./  Common 180 5.00 900.00  T.Be no No. Cementer Ph./  No. Cementer  No.	ement Left in Csg.	36'				ve was done to satisfaction			
Purchase Order No.  **X AN School State St		<del></del>	Shoe Join						
The sease Line SES Displace 37.68 In the sease Line SES DISPLACE Consisting of Common 180 Ses Displace 37.60 In the sease Line Ses Displace 37.68 In the sease Line SES DISPLACE Consisting of Common 180 Ses Displace 37.68 In the sease Line SES DISPLACE Ses Displace 37.68 In the sease Line SES DISPLACE Ses Displace 37.68 In the sease Line SES DISPLACE Sease Line SES DISPLACE SES DIS					Purchase	<del>/ /\                                  </del>	2/	<del></del>	
EQUIPMENT  EQUIPMENT  Consisting of  Common 180 5.00 900.00  Common 180 5.00 900.00  Poz. Mix 120 2.25 270.00  Gel. 6 6.25 40.50  Imperk Helper  Driver Jack W.  Alktrk 179  Ilktrk Driver  EPTH of Job  Iference:  The first of t				37.68	,	and Schu	elet	<del></del>	
EQUIPMENT  Amount Ordered 36.065 1.0140 21/2 get 35/2 cc  Consisting of  Common 180 5.00 900.00  Mappirk 181 Helper mike Poz. Mix 120 2.25 270.00  No. Cementer Gel. 6 6.75 40.50  Impurk Helper Oniver Gel. 6 7.25 40.50  Mileage 70  Mil				DB13	CEMENT				
Consisting of  Common   80   5.00   900.00  Imptrk   81   Helper mi k & Poz. Mix   20   2.25   270.00  No. Cementer   Gel. 6   6.75   40.50  Imptrk   Helper   Quickset    Driver Jack   U.    EPTH of Job  Sales Tax    Handling   300   190   270.00  Mileage   70   Mileage   70    Form Trk   Chy   360.00   Mileage   70    I 878   Plua   40.00    Tour 2290.50	<u></u>			<del></del>		700/0 /0	11.2 96/2. 1	30/	
The state   The		EQUIPME	NT				140 2 16 981	0 1000	
Imptrk 181 Helper Mike  No. Cementer  No. Cementer  Chloride  Ouickset  Driver Jack W.  Alktrk 179  Alktrk Driver  EPTH of Job  Seles Tax  Handling 300  Mileage 70  Mileage 7	TR. J No.   Comer	ater 12h	7 1	<del></del>		<u></u>	5.00	900.00	
No. Cementer  Helper  Driver Jack W.  Alktrk 179  Handling 300  Ference:  The Driver Trik Chap 360,000  Mileage 70  Mileage 70  Sub Total  Polining Trik Mlg 40,000  Total 270,00  Total 270,00  Total 270,00  Total 270,00  Total 270,00		5 miles	<del>/-</del>		Poz. Mi		2,25	270,00	
Chloride 9 20,00 180,000  Ouickset  Driver Jack W.  Oliktrk Driver  Driver  Handling 300  Form Trk Chap 360,00  Mileage 70  Sub Total  Form Trk Map 40,00  180,000  Total 220,000  Total 220,500							6.75	40.50	
Driver Jack W.  Sales Tax  Handling 300  EPTH of Job  Ference:  Part Of Job  Took 270.00  Mileage 70  Mileage 70  Lango Tik Chy 360.00  Mileage 70  Lango Tik My 40.00  Lango Tik My 40.00  Lango Tik My 40.00  Took 2390.50	\ <u></u> -				Chloride	9	20,00	180,00	
EPTH of Job  EPTH of Job  And Fling Tik Chy 360,00 md. Ldq.  Sales Tax  Handling 300  Mileage 70  Mileage 70  Sub Total  Form 7 Tik My 40,00  1 878 P144 40.00  Total 2290,50	<del></del>				Quickset			<del></del>	
Sales Tax   Handling 300   190 270.00	ļ- <del></del> -	-Jaik	(( / -		—— <u> </u>	<del></del>		<del></del>	
EPTH of Job  Handling 300  Mileage 70  Mileage 70  Mileage 70  Sub Total  1 8 7/8 P 14 4 40.00  Total 2290.50		<del>-</del> -			<del></del> -		Sales Tax		
EPTH of Job  Iference:    Pain p Tik Chy 360,00 md. Ldq.   Sub Total   Poin p Tik Mlg 40,00     1 878 Plug 40.00     Total 2290,50					TY- 111	700		270 12	
1 878 P/219 40.00 md. Ldg. Sub Total 40.00	FPTH of Joh				Handlin	8 300		2 10.00	
- Painp Tik Mlg 40.00 - 1 878 Plug 40.00				<del></del>	<del></del>	_7 <i>0</i>		630,00	
1 8 78 P/49 40.00 Tour 2290,50	7,000		<i>d</i> ,		l l	ldg.	Sub Total		
	- Foin	0 Tik	<u>M/g</u>						
d Sub Total		7	Sub T	otal 4		<del></del>	Totak	1240,50	
300 (@ . 39 Tax 1/7.00 Floating Equipment Total \$ 2842.50	30010.39	<u> </u>		Tax //	7.00 Floating	Equipment TotA	\$ 2847	50	
Total 557.00 Less Disc - 569.50			т	5.5	200 Le	ss Disc	- 569	50	
marks: Ciment skil aventate	marks: Coment	Ail.	City	late.	,				
# 22 78,00		<del></del>	1 2 4 2 4 11 12			<del></del>	\$ 2278	.00	
Pin lot						BiN 1			
			<del></del>				<u> </u>		
	4 501' -	The	ink Ye	· (, /					



G A B B E R T - J O N E S , I N C.

ORIGINAL

Wy Ju

J. MARK RICHARDSON 640 CENTURY PLAZA WICHITA, KS 67202

TO:

DATE: 29 MARCH 1989

INVOICE NO.:

6876

	AMOUNT		ITEM.
		5200 ft.	
LESS FOO	TAGE ON DAYWORK - 1	1010 ft.	
LESS KEL GROUND	LY BUSHING TO LEVEL -	5 ft.	
NET FOOT.	AGE DRILLED	4185 ft. @ \$6.50 per foot	\$27,202.5
ROTARY D	AYWORK	• '	
3-15-89	Drig as per Contract	11 30	
3-16-89	Drig as per Contract	24	
3-17-89	Drig as per Contract (101	0) 8	
3-21-89	CFS @ 4276	1	
3-22-89	CFS @ 4480 CFS @ 4500 ' CFS @ 4515	30 1 3	
3-23-89	CFS @ 4790 CFS @ 4800 CFS @ 4870	1 1 15 1	
3-24-89	CFS @ 5125 CFS @ 5135 CFS @ 5140 CFS @ 5150 CFS @ 5160 Short Trip	45 1 1 1 45 1 45 1 15	
3-25-89	Cir for Log Cir for Log Trip out for Log Rig up - Log Wait on Orders Trip in hole Circ Below Contract depth	1 30 2 30 2 45 5 45 1 30 1 30 1 7 30	
3-26-89	Below Contract depth	5 30	
Total dayw	ork @ \$3,360.00 per 24 hour	day 89 15	12,495.0

## GABBERT-JONES DRILLERS WELL LOG

ORIGINAL

MILLER A #1 C NW NE SEC. 17-29S-20W KIOWA COUNTY, KANSAS

Commenced:

3-15-89

Completed:

3-26-89

Operator:

J. MARK RICHARDSON

De	epth .	Formation	Remarks
From	То	<del></del>	
0	192	Sand	Ran 14 jts of 23# 8 5/8"
192	610	Sand - Clay	csg LD @ 612' w/300 sks
610	613	Redbed	60/40 Posmix - 2% Gel - 3% Co
613	1010	Shale	PD @ 10:30 AM 3-16-89.
1010	1925	Redbed	•
1925	3197	Lime - Shale	Ran 146 jts of 10 1/2# 4 1/2".
3197	3417	Shale – Lime	csg LD @ 5249' w/275 sks
3417	3771	Lime - Shale	60/40 Posmix - 2% Gel
3771	3925	Shale - Lime	10% Salt
3925	4901	Lime - Shale	.PD @ 4:15 AM 3-26-89.
4901	4994	Lime	
4994	5240	Lime - Shale	

State of Kansas

County of Sedgwick

I, the undersigned, being duly sworn on oath, state that the above Drillers 'Well Log is true and correct to the best of my knowledge and belief and according to the records of\_this office.

GABBERT-JONES, INC.

James S. Sutton, II -- President

Subscribed & sworn to before me this 29th day of March 1989

Pala Perore Coeta

Kola Lenore Costa

My Appl Exp. 11/21/92

LOLA LEPORE COSTA

NOTARY PUBLIC

My Commission expires Nov. 21, 1992