

Kansas Corporation Commission Oil & Gas Conservation Division

1132636

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	. 5
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY	
Letter of Confidentiality Received	
Date:	
Confidential Release Date:	
Wireline Log Received	
Geologist Report Received	
UIC Distribution	
ALT I II III Approved by: Date:	

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	osed, flowing and shu es if gas to surface te	d base of formations pen t-in pressures, whether s st, along with final chart(well site report.	hut-in pressure read	ched static level,	hydrostatic press	sures, bottom h	ole temperature, fluid
Drill Stem Tests Taker (Attach Additional		Yes No	L	og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geo	ological Survey	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		Report all strings set-o		ermediate, producti			
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
		ADDITIONAL	. CEMENTING / SQL	 JEEZE RECORD			
Purpose: —— Perforate —— Protect Casing	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Plug Back TD Plug Off Zone							
	DEDEODATI	ON DECORD - Dridge Dive	o Cot/Time	Acid Fro	cture, Shot, Cemen	t Squaaza Baaar	4
Shots Per Foot	Specify I	ON RECORD - Bridge Plug Footage of Each Interval Per	forated		mount and Kind of Ma		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Wat	er B	ols. (Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Su	bmit ACO-18.)	Othor (Specify)	(Submit)	400-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Kantor Oil Company, LLC
Well Name	Carmichael A 3
Doc ID	1132636

All Electric Logs Run

Porosity Log
Induction Log
Micro Log
Cement Bond Log



Surface

TICKET NUMBER 35401

LOCATION # 180

FOREMAN Jacob Storm

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

020-401-3210 01 000-407-00		CEMEN	1	4P, 15-11	55-2160	3-00-00
DATE CUSTOMER	# WELL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-19-12	carmichael	A #3	10	245	414	Reno
CUSTOMER		1 - 01		1 - 1 - 0		JSC (I)
Kantor o		Scotty	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRESS		mectag	44/	Tasia	TROOK#	DIVIVER
15w 6th 5+	- Ste 2601	de	681	mark		
CITY	STATE ZIP CODE	119	702			
Tulsa	OK 74199	ma	102	Jacob		
JOB TYPE Surface	HOLE SIZE 16"	HOLE DEPTH	306	CASING SIZE & W	/EIGHT 133/8	2
CASING DEPTH 305	DRILL PIPE	_TUBING			OTHER	<i>*</i>
SLURRY WEIGHT 14.5	SLURRY VOL	WATER gal/s		CEMENT LEFT in		
DISPLACEMENT 417,30	_ DISPLACEMENT PSI	MIX PSI		RATE Sbor		
REMARKS: Sath	neating, Broak	curculo	ton pour	00 10 66	1 61,	1 ~ ~
260 sks cla	55 AJ 3/10	21/001	1/2 1/2 6	Poly - Flet	1 714	al- d
With 45 bbl	water cure	Watin		71	- 61	Placed
Shut in) CEVE	FILT -70	540+	ace

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015		PUMP CHARGE	825,00	825,00
5406	55	MILEAGE	4,00	220,00
5407 A	55	X12 ton mileage X	1.34	884.40
11045	260	class A	14.95	3887.00
1102	720	calcium chloride	.74	532.80
1118 3	550	gel and a second	-21	115.50
1107	125	poly-Flake	2.35	293,75
			A PART HAS	
The state of the s				
				To April 1985
	1		Sub-total	6758.45
	//			
Ravin 3737	1/1/1	1	SALES TAX	
	//////		ESTIMATED TOTAL	
AUTHORIZTION_	full his	TITLE	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



Long String

TICKET NUI	WBER	354	84	
LOCATION	180			
EODEMAN	TACE	CLA	11	

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT CEMENT

	01 000-407-007	0		CEMEN	T			
DATE	CUSTOMER #	WE	LL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
1/5/13		Carmic	hael A	#3	10	24	41	p
CUSTOMER							A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Reno
Kantor	0:1 00.				TRUCK#	DRIVER	TRUCK#	DDIVED
MAILING ADDRE	ESS						TRUCK#	DRIVER
12 111 1	that ste	11-1			491	J. Austin		
CITY	Inst. STE	STATE	IZID CODE		446	J. Gudde		TO SHOW THE REAL PROPERTY.
			ZIP CODE		471	J. 5 he 11		
Tulsa		OK	74119					
JOB TYPE 10 >	19String B	HOLE SIZE	7 7/8	HOLE DEPTH	4.310	CASING SIZE & W	FIGHT 5 1/2	12-11
CASING DEPTH	3898.11	DRILL PIPE					OTHER	10,00 10,
SLURRY WEIGH	T				k			0.5
DISPLACEMENT			NT PSI				CASING	
					+ 0	RATE		
1011 00	and I as	19)	n +1091 E	gurpme,	IT rumpe	d mud for	15 mins	dropped
vori op	ened pg	CKer 51	oe pun	pedmo	dfor 30	mins	,	//
			/					14 14 15 15 15 15 15 15 15 15 15 15 15 15 15
								A Part of
				December 1			4	

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE	1030,00	
5406	55	MILEAGE	4,00	1030,00
5407 A	55	13 ton mileage	1,34	958.10
1126 A	250	thick set		
1110 A	1250	KNI-Seal	1100	4800,00
11446	500	Dv 1100	1.46	575,00
4404	2	SI/2 Restate	1,05	525,00
4436	8	51/2 timbo cartilla-	229,00	
4253	1	E11 × 77/2	60.00	
4454		5/2 x 77/8 packer Shor	1584,00	1584,00
1404		51/2 Latch down plag	254.00	254,00
		V		
	A	The state of the s		
	1/1.1	\		
Ravin 3737	// //		SALES TAX	W
AUTHORIZTION	Harll X		ESTIMATED TOTAL	
Solonovilodes	to In	TITLE	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Company Kantor Oil Co. LLC

DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: cara3dst1

TIME ON: 08:59:00

TIME OFF: 17:22:00

Company Kantor Oil Co. LL	_C		Lease & We	II No. Carmichae	A #3			
Contractor Val Energy Rig #3			Character K	antor Oil Co. II	0			
Elevation 1479 KB For	mation	Miss Cl	nert Effective Pa	у	F	Ticke	t No	S0261
<u> </u>)Twp	8	Range	4 W Cour	ntv.	Reno	Cinto	KANS
			Diamond Repr	esentative	Jac	ob Mc	Callie	
Formation Test No. 1	Interval Teste	d from	307 .	2240	***************************************			2240
doker Deptil	ft. Size 6	3/4 in.	Packer depth	16.	rotal De	ptn	6 2/4	
Packer Depth3307	ft. Size 6	3/4 in.	Packer denth			Size_	0 3/4	in.
Depth of Selective Zone Set			ории		п.	Size	6 3/4	in.
Top Recorder Depth (Inside)		3288 ft.	Recorder Nur	mher 30	1035 0	***************************************	10.00	20
Bottom Recorder Depth (Outside)			Recorder Nur	mber 30	3851 a)	10,00	<u>JU</u> P.S.I.
Below Straddle Recorder Depth		ft	Recorder Nur	nber	Ca	p	3,71	P.S.I.
Mud Type Chem Visco	sity	54	Drill Collar Le	nber				
	SS	6.8	C Weight Ping I	ength		I.D	2 1	1/4
Chlorides		2,100 _{P.P.M.}	Drill Pine Land	-th 3	274 ·	I.D	2 7	1/8
Jars: Make STERLING Serial N			Test Tool Lon	gth3	33 .	I.D	3 1	/2
		NO			33 "	Tool Siz	e31	/2-IF
Main Hole Size 7 7/8 To	ol Joint Size	4 1/2 XH in	Surface Choke	n Sizo 1	ft.	Size	4 1	/2-FH
Blow: 1st Open: 1" Blow- Buil	t to BB in	14 min	OGNIGOC CHOK	e Size1				ze_5/8
^{2nd Open:} 3/4" Blow- Bu	It to BB ir	24 min				WSB		
Recovered 141 ft. of GIP						WSB	В	
Recovered46 ft. of OSM	3% O	97% M						
Recovered 63 ft. of OSSLW			6 M			***************************************		
Recovered 109 ft. of TOTAL I			0 111					
Recovered ft. of Ph: 7	R	W: .32 @ 58	degrees E					
Recoveredft. of Chlo	rides: 26.0	00 ppm	acgices i		Price			
Remarks:	,	оо ррии			Other	Charge	<u> </u>	
Diesel in bucket					Insura	ance		
Tool Sample: 2% O 80% W 18	% M				7			
Time Set Packer(s) 11:42 AM	A.M. P.M. Tin	ne Started Off B	ottom 2:42	DM A.M.	Total	****		
Initial Hydrostatic Pressure					Maximum '	Tempera	iture	109
Initial Flow Period.	Minutes	30		1633 P.S.I				
Initial Closed In Period		45	(B)	11 _{P.S.I}	. to (C)		<u>30</u> F	2.S.I.
Final Flow Period		45	(D)	368 P.S.I				
Final Closed In Period.		60	(E)	34 P.S.I.	to (F)		57 _P	.S.I.
Final Hydrostatic Pressure	-		(G)	363 P.S.I.				
Diamond Testing shall not be liable for damages of the use of its equipment, or its statement or opinion		***********	(H)	1633 P.S.I.				

DIAMOND TESTING

P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

FILE: cara3dst2

TIME ON: 1-1 22:38:00

TIME OFF: 1-2 05:52:00

Contractor Val Energy Rig #3 Charge to Kantor Oil Co. LLC
No
Test Approved By Roger Martin
Diamond Representative Diamond Representat
Packer Depth
Packer Depth 3528 ft. Size 6 3/4 in. Packer depth ft. Size 6 3/4 in.
Depth of Selective Zone Set
Depth of Selective Zone Set
Solition Recorder Depth (Outside) 3514 ft. Recorder Number 30035 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 3655 ft. Recorder Number 3851 Cap. 5,700 P.S.I. Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I. Mud Type Chem Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 Weight 9.5 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 Chlorides 4,200 P.P.M. Drill Pipe Length 3500 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: USB- Died in 9 min NOBB
Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I. Mud Type Chem Viscosity 59 Drill Collar Length 0 ft. I.D. 2 1/4 Weight 9.5 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 Chlorides 4,200 p.p.m. Drill Pipe Length 3500 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min NOBB 2nd Open: WSB- Died in 9 min NOBB
Weight 9.5 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 1/4 Chlorides 4,200 p.p.m. Drill Pipe Length 3500 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min NOBB Recovered 5 ft. of DM 100%M
Weight 9.5 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 Chlorides 4,200 p.p.m. Drill Pipe Length 3500 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min NOBB Recovered 5 ft. of DM 100%M
Chlondes 4,200 p.p.m. Drill Pipe Length 3500 ft. I.D. 3 1/2 Jars: Make STERLING Serial Number 3 Test Tool Length 33 ft. Tool Size 3 1/2-IF Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min NOBB 2nd Open: WSB- Died in 9 min NOBB Recovered 5 ft. of DM 100%M
Did Well Flow? NO Reversed Out NO Anchor Length 125 ft. Size 4 1/2-FH Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 Blow: 1st Open: 1/2" Blow- Built to 2" in 30 min NOBB Recovered 5 ft. of DM 100%M
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NOBB
2nd Open: WSB- Died in 9 min NOBB Recovered 5 ft. of DM 100%M
Recovered_ 5 ft. of DM 100%M
Recoveredft. of
Recoveredft. of
Recoveredft, of
Recovered ft. of Price Job
Recovered ft of
Tomarks.
Diesel in bucket Insurance
Tool Sample: 100% M Total
Time Set Packer(s) 1:03 AM P.M. Time Started Off Bottom 3:33 AM P.M. Maximum Temperature 109
Initial Hydroctatic Programs 100
Initial Flow Period
Initial Classed In Proc. 1. 10 (C) 10 P.S.I.
Final Flow Period
Final Closed In Period
Final Hydrostatic Pressure
the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

DIAMOND TESTING P.O. Box 157 HOISINGTON, KANSAS 67544 (800) 542-7313

DRILL-STEM TEST TICKET

TIME ON: 1-2 20:37:00

TIME OFF: 1-3 06:03:00

FILE: cara3	dst3
Company Kantor Oil Co. LLC	_Lease & Well No. Carmichael A #3
Contractor Val Energy Rig #3	Charge to_Kantor Oil Co. LLC
Elevation 1479 KB Formation Viola & Simpson So	f. Effective Pay Ft. Ticket No. S0263
Date 1-3-13 Sec. 10 Twp. 24 S R	
Test Approved By Roger Martin	Diamond Representative Jacob McCallie
Formation Test No. 3 Interval Tested from 37	70 ft. to 3790 ft. Total Depth 3790 ft.
Packer Depth 3765 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4 in.
Packer Depth 3770 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 3751 ft.	Recorder Number30035_Cap10,000 P.S.I.
Bottom Recorder Depth (Outside) 3787 ft.	Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depthft.	Recorder NumberCapP.S.I.
Mud Type Chem Viscosity 50	Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 6.0 cc	Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 1,700 P.P.M.	Drill Pipe Length 3737_ft. I.D 3 1/2ini
Jars: Make STERLING Serial Number 3	Test Tool Length 33 ft. Tool Size 3 1/2-IF in
Did Well Flow? NO Reversed Out YES	Anchor Length 20_ft. Size 4 1/2-FH _ in
	Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open:BB Immediately	WSBB
^{2nd Open:} 9" Blow- Built to BB in 36 seconds	NOBB
2nd Open: 9" Blow- Built to BB in 36 seconds Recovered 30 ft. of GIP	NOBB
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C	GRAVITY: 38.5 @ 60 degrees F
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% CO Recovered 88 ft. of OCWM 22% CO Recovered 252 ft. of SLGCSLOCMW 2% G 11% CO Recovered 441 ft. of SLMCHOCW 40% CO Recovered 2205 ft. of SLMCOSW 2% CO	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M 0 97% W 1% M Other Charges RW: .4 @ 52 degrees F Insurance
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit /	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M 0 97% W 1% M Other Charges RW: .4 @ 52 degrees F Insurance
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M O 97% W 1% M O Other Charges RW: .4 @ 52 degrees F Chlorides: 22,000 ppm Total
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit /	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M 0 97% W 1% M Other Charges RW: .4 @ 52 degrees F Chlorides: 22,000 ppm Total
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM P.M. Time Started Off Both Initial Hydrostatic Pressure	GRAVITY: 38.5 @ 60 degrees F 38% W 40% M 44% W 43% M 59% W 1% M Other Charges RW: .4 @ 52 degrees F Chlorides: 22,000 ppm Total Total Total Total Total
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% CO Recovered 88 ft. of OCWM 22% CO Recovered 252 ft. of SLGCSLOCMW 2% G 11% CO Recovered 441 ft. of SLMCHOCW 40% CO Recovered 2205 ft. of SLMCOSW 2% CO Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM A.M. P.M. Time Started Off Both Initial Hydrostatic Pressure. Initial Flow Period Minutes 30	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M Other Charges RW: .4 @ 52 degrees F Chlorides: 22,000 ppm Total Other Maximum Temperature 124 1838 P.S.I.
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% C Recovered 88 ft. of OCWM 22% C Recovered 252 ft. of SLGCSLOCMW 2% G 11% C Recovered 441 ft. of SLMCHOCW 40% C Recovered 2205 ft. of SLMCOSW 2% C Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM A.M. P.M. Time Started Off Both Initial Hydrostatic Pressure. Initial Flow Period Minutes 30 Initial Closed In Period Minutes 45	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M Other Charges RW: .4 @ 52 degrees F Chlorides: 22,000 ppm Total Other Maximum Temperature 124 1838 P.S.I.
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% CO Recovered 88 ft. of OCWM 22% CO Recovered 252 ft. of SLGCSLOCMW 2% G 11% CO Recovered 441 ft. of SLMCHOCW 40% CO Recovered 2205 ft. of SLMCOSW 2% CO Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM A.M. P.M. Time Started Off Both Initial Hydrostatic Pressure. Initial Flow Period Minutes 30 Initial Closed In Period Minutes 45 Final Flow Period Minutes 30	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M 0 97% W 1% M Other Charges Insurance Chlorides: 22,000 ppm Total Ottom 1-3 1:21 AM A.M. Maximum Temperature 124 1838 P.S.I. (B) 351 P.S.I. to (C) 1119 P.S.I.
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% CO Recovered 88 ft. of OCWM 22% CO Recovered 252 ft. of SLGCSLOCMW 2% G 11% CO Recovered 441 ft. of SLMCHOCW 40% CO Recovered 2205 ft. of SLMCOSW 2% CO Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM A.M. P.M. Time Started Off Both P.M. Minutes 30 Initial Flow Period Minutes 30 Final Flow Period Minutes 30 Final Closed In Period Minutes 30 Final Closed In Period Minutes 60	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M Other Charges Insurance Chlorides: 22,000 ppm Total Ottom 1-3 1:21 AM P.M. Maximum Temperature 124 (A) 1838 P.S.I. (B) 351 P.S.I. to (C) 1119 P.S.I. (C) 1339 P.S.I. to (F) 1327 P.S.I. (G) 1339 P.S.I.
Recovered 30 ft. of GIP Recovered 5 ft. of CO 100% CO Recovered 88 ft. of OCWM 22% CO Recovered 252 ft. of SLGCSLOCMW 2% G 11% CO Recovered 441 ft. of SLMCHOCW 40% CO Recovered 2205 ft. of SLMCOSW 2% CO Remarks: 2991 TOTAL FLUID Ph: 7 Diesel in bucket/ Reversed out 2079 ft of fluid to pit / Tool Sample: 2% O 92% W 6% M Time Set Packer(s) 1-2 10:36 PM A.M. P.M. Time Started Off Both Initial Hydrostatic Pressure. Initial Flow Period Minutes 30 Initial Closed In Period Minutes 30 Final Flow Period Minutes 30 Final Closed In Period Minutes 60 Final Hydrostatic Pressure Minutes 60	GRAVITY: 38.5 @ 60 degrees F 0 38% W 40% M 0 44% W 43% M 0 59% W 1% M Other Charges Insurance Chlorides: 22,000 ppm Total Ottom 1-3 1:21 AM P.M. Maximum Temperature 124 (A) 1838 P.S.I. (B) 351 P.S.I. to (C) 1119 P.S.I. (C) 1339 P.S.I. to (F) 1327 P.S.I. (G) 1339 P.S.I.