

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1060051

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:		
Address 2:		Feet from Dorth / South Line of Section
City: \$	State: Zip:+	Feet from Cast / West Line of Section
Contact Person:	·	Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
CONTRACTOR: License #		County:
		Lease Name: Well #:
		Field Name:
0		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
	e-Entry Workover	Total Depth: Plug Back Total Depth:
☐ Oil ☐ WSW ☐ Gas ☐ D&A ☐ OG ☐ CM <i>(Coal Bed Methane)</i> ☐ Cathodic ☐ Other <i>(Co</i> If Workover/Re-entry: Old Well I	SWD SIOW ENHR SIGW GSW Temp. Abd. bre, 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: feet depth to: w/ sx cmt
Operator:		Deilling Fluid Menonement Dien
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth: rf. 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 #:	Quarter Sec TwpS. R East West
ENHR GSW	Permit #: Permit #:	County: Permit #:
Spud Date or Date Recompletion Date	eached TD Completion Date or 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 Approved by: Date:							

	Side Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		☐ Yes ☐ Yes ☐ Yes	No No No					
List All E. Logs Run:								
		Report all		RECORD Ne	ew Used	ion etc		
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	λ .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	bls. Gas Mcf		Mcf	Mcf Water		Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Subi	(If vented, Submit ACO-18.))					

Form	ACO1 - Well Completion					
Operator	Downing-Nelson Oil Co Inc					
Well Name	Marvin Saxton 1-18					
Doc ID	1060051					

Tops

Name	Тор	Datum		
Top Anhydrite	1402	+828		
Base	1430	+800		
Heebner	3724	-1494		
LKC	3774	-1544		
ВКС	4081	-1851		
Fort Scott	4268	-2038		
Cherokee Shale	4282	-2052		
Mississippi	4334	-2104		
Osage	4353	-2123		

JOBLC)G					.	CEO, INC. DATE 7-8-11 PAGE NO
USTOMER ICICAZ	36 · NEU	ic) Oz	WELL NO.	18	LEASE	WEN SAX	TON 512 2-STAGE LOST. TICKET NO. 20882
CHART NO.	TIME	RATE (BPM)	VOLUME	PUMPS	PRESS	URE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
NO.	2030	(01 m)					ON LOCATZON
·; ·							
	2100						START 51/2" CASENG IN WELL
							TD-4366 RND SET = 4365
• • •							TP-4369 512-14
• • •		7				•	55-20'
		<u> </u>					CSJ7824122585-1,3,5,7,9,11,71
							CMT BSKTS - 72
			1				DU TOQ = 1381' TOAJT# 72
		<u></u>					parties and a second
	2305						DROP BALL - CORCULATE - SEE PORTIONE ROT
	0005	612	12	~	/	450	PUMP 500 GAL MUDFLUSH
	0007	6 1/2	20		1	1	PUMP 20 BOS KUL-FLUSH
	0015	41/2	36				MIX CEMENT - 150 STAS EA-2 = 15,5 PPG
	0023						WASH OUT PUMP- LEVES
	0024	<u></u>					RELEASE 1ST STAGE LATCH DOWN PLUG
	0025	7	0		/		DISPURE PLOG
	0040	6'12	106.1			1500	PLUG DOLDD - PEUP LATCHED PLUG
	0042						RELEASE PSZ-HELS
· · · ·							
	0045						DEOP DV OPSIENG PING
	0100			1	/	1100	
							· · · · · · · · · · · · · · · · · · ·
	0105	Ь	20		1	300	PUMP 20 BBB KCE-FLUSH
	0110		7.5				PLUG RH-MH (305K3-205K3)
	0115	6	83	4	/	306	MX CEMENT - 150 SKB SMD = 11.2 PPG
	0135						WASH OUT PUMP - LEDES
	0137						RELEASE DV CLOSENG PLUG
	0140	6'12	0		/		DISPLACE PLUG
	0145	5	33.7			isiac	PLUG DOWN - PSEUP CLOSE DU TOOL
	0147						RELEASE PST-HELS
			÷				CORCULTED 20 SKS COMPUT TO PET
		1998. 1998.					WASHTRUCK
	0230	····	-				JOB COMPLETE
		· ·					
							THANK YOU
	1						WARE JEFF, ROB

JOB LC)G						сео, Inc. [рате 7-8-1] радено.
USTOMER	36 - NELS	ic) Oz	WELL NO.	8	MARVE	FN SAX	TON 512" 2-STAGE LOST. TICKET NO. 20882
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	2030	(21.03)					ON LOCATION
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	2100						START 51/2" CASENG EN WELL
							TD-4366 RND SET < 4365
· · · · · ·	İ						1P-4369 512 14
		ې د .					55-20'
							CSSTRALZSRS-1, 3, 5, 7, 9, 11, 71
							CMT BSKB-72
							DUTOOL = 1381' TOATT # 72
	2305						DROP BALL - CHEWLATE - SET PARTER ROTA
	0005	61/2	12	~		450	PUMP 500 GAC MUDFLOSH
	0007	6'12	20		,	T	PUMP 20 BES KCL-FLUSH
	2100	41/2	36	>		1	MIX CONST - 150 STO EA-2 = 15,5 PPG
	0023						WASH OUT POMP-LEDES
	0024						RELEASE 1ST STAGE LATCH DOWN PLUG
	0025	Г	0		,		DISPLACE PLOG
	0040	6'12	106.1			1500	PUX DOWN - PERUP LATCHEN PLUG
	0042					OK	REIGAGE PST- HELS
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	0045						DEOP DV OPSIENG PING
	0100			\checkmark		1100	OPED DV - CORCULATE
	0105	Ь	20	1		300	PUMP 20 BBIS KCL-FLUSH
	0110		7.5				PLUG RH-MH (305K5-205K5)
	0115	6	83	~	,	300	MAX CEMENT - 150 SKS SMD = 11.2 P.P.G
	0135						WASH OUT PUMP - LEDES
	0137						RELSASE DV CLOSENG PLUG
	0140	61/2	0	\checkmark			DISPLACE PLUG
	0145	<u>হ</u>	33.7			isac	PLUG DOWN - PSEUP CLOSE DU TOOL
	0147					OK	RELEASE PST-HEW
			<u>.</u>				CREWLATES 20 SKS COMPUT TO PET
							WASH TRUCK
	0230						JOB COMPLETE
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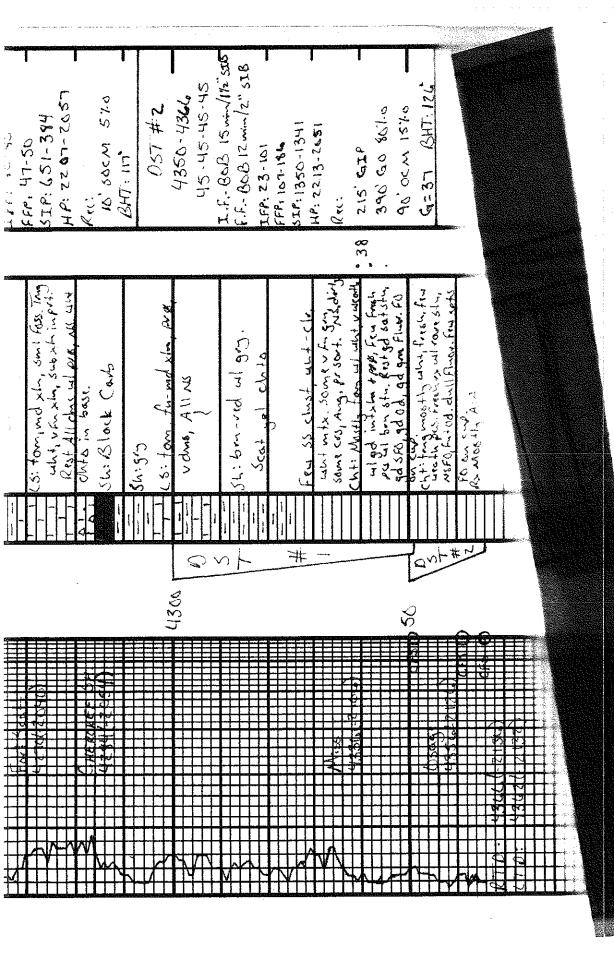
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COMPANY Downing-Nelson	Oil Co Ture		205	20-				+	<u> </u>				
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WELL Marvin Saxton 1	4 1-18			•		х. 			1				
FIELD Wildcat													
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		ELEVATION	KBZ	Section of the sectio					┟╴╸╸╸╸	1	_		
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COUNTY Pawnee	14		GL_2	2.7.2									_
STATE Komsas	-	Drilling Measured, Fr			FORMATION	INTERVAL		. 8	ESCRIPTION (VF SHOW		LOG ANN	NLYSIS S W
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ONTRACTOR Discovery Drilling ONM: 7-2-11 COMP: CASING RECORD	Kig #4	Weilsite Geologist	Marcine Day	IO TOTAL DEPTH									
OMM:COMP:	7-9-(1	Wellsite Geologist	/										
CASING RECORD		Electrical Surveye	<u>Cag-reca</u>	<u>`</u>									
URF: 45/4 8 475 PROD: 5	1/2" @ 4365	DIL											
OTAL DEPTH DRILLERS: 431.40		MEL	·····										
OTAL DEPTH LOG 4362		MEC								· .			
FORMATION TO	OPS AND STRI	UCTURAL POS	ITION										
FORMATION	SAMPLE	ELECTRIC LOG		STRUCTURAL			Ì						
Top Anhadiita	1406	1402	1828	+4									
Base Annydrile	1435	1430	1.800	+2									
HEEBNER	3727	3724	- 1494	-									
Cansing	3111	3174	-1544	-3			+						
BKC	4093	4041	-1851	- 2									
Fort Scutt	42.70	4264	-2038	an Tanan Kana									
CHEROKEE SH	4284	4292	-2052	- 1									
Miss	4336	4334	-2104	+2				·····					
Osage	4354	4353	-2123	.+13								_	
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·									Dolomite					<u>an an u>		*****
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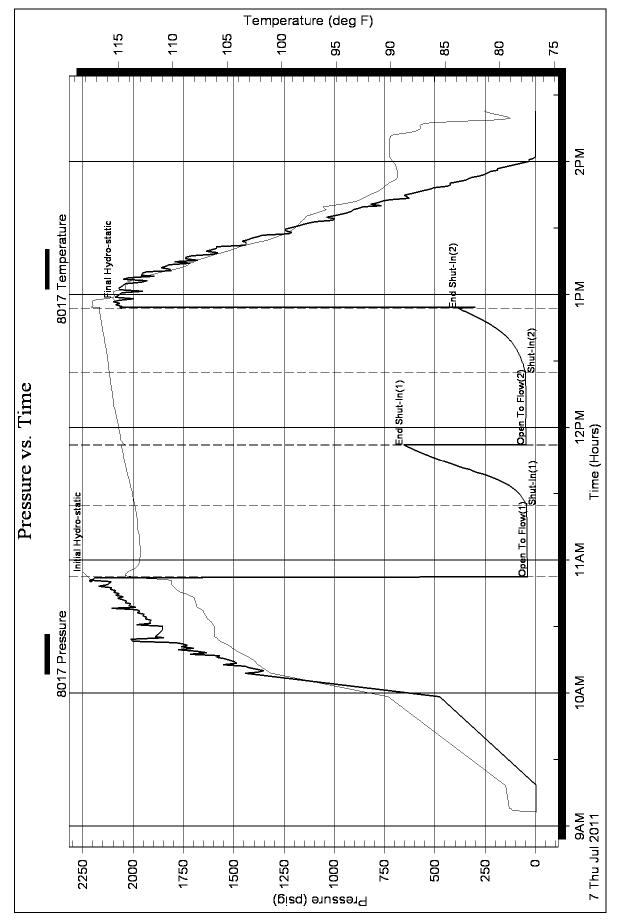
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RILOBITE	DRILL STEM TES	ST REP	ORT			
	Dow ning Nelson Oil Company		Marvi	n Saxton	1-18	
ESTING , II	IC,		18 20s	s 20w Pav	vnee KS	
			Job Tick	ket: 43506	DST#	ŧ:1
	ATTN: Ron/AI		Test Sta	art: 2011.07	7.07 @ 09:06:12	
GENERAL INFORMATION:	-					
Formation:MissDeviated:NoWhipstockTime Tool Opened:10:52:12Time Test Ended:14:23:12	: ft (KB)		Test Ty Tester: Unit No:	Paul S	entional Bottom F impson	Hole
Total Depth: 4351.00 ft (KB)	4351.00 ft (KB) (TVD) (TVD) Iole Condition: Good		Referer	nce Elevation KB to GR/	2222.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8017InsidePress@RunDepth:49.63 psStart Date:2011.07.0Start Time:09:06:1TEST COMMENT:IF w eak 1/4 bFF- no blowFF- no blow	7 End Date: 7 End Time:	2011.07.07 14:23:11	Capacity: Last Calib.: Time On Btm Time Off Btm		8000.0 2011.07.0 07.07 @ 10:50:4 07.07 @ 12:54:1	12
Pressure			PRES	SSURE SI	UMMARY	
0017 Pressure 220 100 100 100 100 100 100 100	B017 Temperature 0017 Temperature 116 116 100 000 000 000 000 000	Time (Min.) 0 2 34 62 62 94 123 124	(psig) (d 2207.41 1 39.94 1 44.73 1 651.29 1 47.39 1 49.63 1 384.36 1	eg F) 10.15 Initia 13.69 Oper 13.48 Shut 14.72 End 14.35 Oper 15.83 Shut 16.76 End	n To Flow (2)	
Recovery				Gas Rat	tes	
Length (ft) Description	Volume (bbl)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
10.00 socm 5% o 95% m	0.05					
Trilohite Testing Inc	Ref No: 43506			rinted: 2011		

CON-		DRI	LL S	TEM TEST F	REPORT	-		FLUID S	UMMARY
	RILOBITE	Dow nii	ng Nelsor	n Oil Company		Marvin Sa	axton 1-18		
	ESTING , INC					18 20s 20v	w Pawnee	ĸs	
	-					Job Ticket: 4		DST#:1	
		ATTN:	Ron/Al				2011.07.07 @		
	ushion Information								
Mud Type: C Mud Weight:	Gel Chem 9.00 lb/gal			Cushion Type: Cushion Length:		ft	Oil A PI: Water Salinity		deg API
Viscosity:	48.00 sec/qt			Cushion Volume:		bbl		/.	ppm
Water Loss:	11.19 in ³			Gas Cushion Type:					
Resistivity:	ohm.m			Gas Cushion Pressure	e:	psig			
Salinity:	ppm								
Filter Cake:	inches								
Recovery I	ntormation			Recovery Table					
	Leng ft	th		Description		Volume bbl]		
		10.00	socm 5	% o 95% m		0.049	Ð		
	Total Length:	10	.00 ft	Total Volume:	0.049 bbl				
	Laboratory Nan Recovery Com			Laboratory Locatio	n:				





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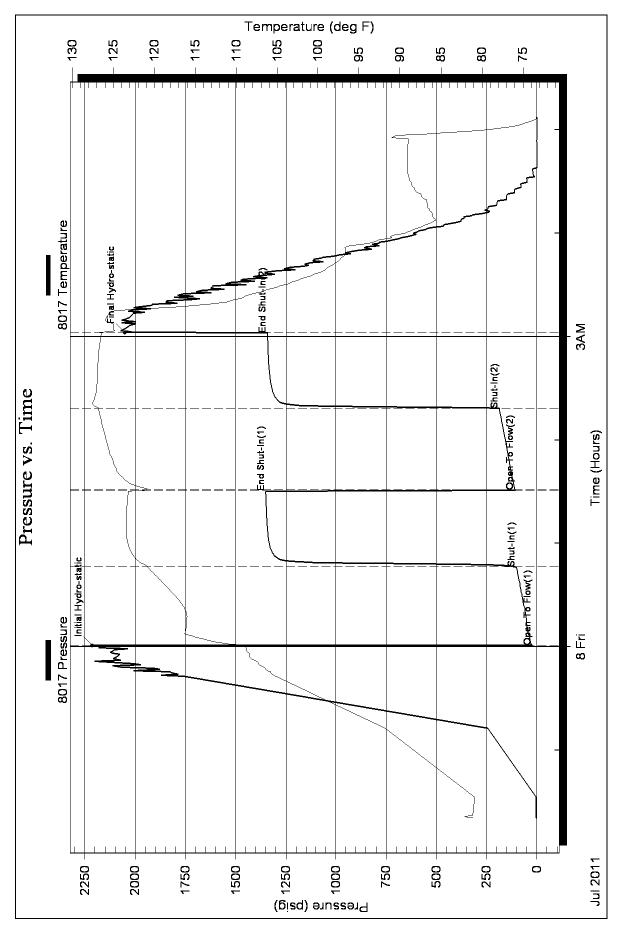
Ref. No: 43506

Trilobite Testing, Inc

(Oh)	RILOBITE	DRILL	STEM TE	S	T REPO	ORT				
		Dow ning Ne	lson Oil Company	,		Ма	rvin Sa	xton 1	-18	
	ESTING , INC	Box 1019	204			18	20s 20w	Pawn	ee KS	
		Hays KS 676	501			Job	Ticket: 43	8507	DST	#:2
		ATTN: Ron,	/AI			Tes	t Start: 20	011.07.0	7 @ 22:20:2	5
GENERAL I	NFORMATION:									
Formation: Deviated: Time Tool Oper Time Test Ende		ft	(KB)			Tes	ter: I	Conventi Paul Sim 39	ional Bottom pson	Hole
Interval: Total Depth: Hole Diameter:	4350.00 ft (KB) To 43 4366.00 ft (KB) (TV 7.88 inchesHole	/D)	-			Ref	erence Ele KB t	evations: o GR/CF	2222.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 80 Press@RunDe Start Date: Start Time: TEST COMM		End Da End Tin ling to bottom o 1/2"	te: ne: If bucket in 15 mir		2011.07.08 05:07:30 s	Capacity Last Cali Time On Time Off	b.: Btm: 2		8000. 2011.07. 08 @ 00:00: 08 @ 03:02:	30
	FSI- 2" blow Pressure vs. T 8017 Pressure				Timo		RESSUR			
2220 1750 1750 1250 100 1000 1	8 Fri	SAM		σος σος σος F)	Time (Min.) 0 1 46 90 91 138 182 182	Pressure (psig) 2212.98 22.82 101.15 1349.67 107.34 185.80 1341.30 2050.67	Temp (deg F) 109.02 108.26 120.83 123.17 121.02 126.79 126.44 126.63	Open T Shut-In End Sh Open T Shut-In End Sh	ydro-static To Flow (1) (1) (ut-ln(1) To Flow (2) (2)	
	Recovery						Ga	s Rates	S	
Length (ft)	Description		Volume (bbl)				Choke (i	nches) Pi	ressure (psig)	Gas Rate (Mcf/d)
390.00	gassy oil 20%g 80%0		5.19							
90.00	ocm 15%o 85%m 215' GIP		1.26 0.00							
0.00	38@70 =37		0.00							
0.00			0.00							
Trilobite Tes	- the second second	Dof No	p: 43507				Drintadu	2011.07		:28 Page 1

() Th		DRI	LL STEM TEST REPO	RT	FL	
能	RILOBITE	Dow ni	ng Nelson Oil Company	Marvin	Saxton 1-18	
翻	ESTING, INC			18 20s 2	0w Pawnee KS	
		Hays k	KS 67601	Job Ticket	: 43507 D	ST#:2
		ATTN:	Ron/AI	Test Start:	2011.07.07 @ 22:20):25
Aud and Cu	Ishion Information					
/lud Type: Ge	el Chem		Cushion Type:		Oil A PI:	37 deg API
/lud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
'iscosity:	59.00 sec/qt		Cushion Volume:	bbl		
Vater Loss:	11.16 in ³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
alinity:	ppm					
ilter Cake:	inches					
ecovery In	formation		Decement Table			
		41-	Recovery Table) (a human		
	Leng ft	th	Description	Volume bbl		
		390.00	gassy oil 20%g 80%0		88	
		90.00	ocm 15%o 85%m		262	
		0.00	215' GIP		000	
		0.00	38@70 =37	0.0	000	
	Total Length:	480	.00 ft Total Volume: 6.450 l	bl		
	Num Fluid Samp	oles: 0	Num Gas Bombs: 0	Seria	l #:	
	Laboratory Nam	ne:	Laboratory Location:			
	Recovery Com	ments:				





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