

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1061698

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

	UNCTODY			
VVELL	HISTORT	- DESCRIP	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 East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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.): If Workover/Re-entry: Old Well Info as follows: Operator:	Amount of Surface Pipe Set and Cemented at: Feed Multiple Stage Cementing Collar Used? Yes If yes, show depth set: Feet If Alternate II completion, cement circulated from: Feet feet depth to: w/ Sx cmt Sx cmt Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth Comminged Parmit #:	Location of fluid disposal if hauled offsite:
Commingled Permit #: Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached 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 III Approved by: Date:							

	Side Two	1061698
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 Sheets)		Yes No]Log Formatio	n (Top), Depth an	nd Datum	Sample
Samples Sent to Geolog	,	Yes No	Na	ame		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		YesNoYesNoYesNo					
List All E. Logs Run:							
			NG RECORD	New Used	ion. 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

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 Specify Fo		RD - Bridge F Each Interval)e			ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F	Run:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	۲.	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
			I							
DISPOSITION OF GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	FERVAL:		
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)	/ Comp. 4C <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC)-18.)		Other (Specify)					

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Saxton Family Unit 1-19
Doc ID	1061698

Tops

Name	Тор	Datum
Top Anhydrite	1364	+815
Base Anhydrite	1392	+787
Heebner	3697	-1518
LKC	3749	-1570
ВКС	4057	-1878
Fort Scott	4244	-2065
Cherokee Shale	4262	-2083
Mississippi	4328	-2149
Osage	4335	-2156

ALLIED CEMENTING CO., LLC. 037326

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31

SERVICE POINT

REMITTO P.O.				SER	VICE POINT:	,
RUS	SELL, KANSAS 6'	7665			Careat 6	Bendles_
	SEC. TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 7-16-11	19 20	7.0			Zocom	300pm
Sadon Vamily					COUNTY	STATE
LEASE UNIT	WELL# 1-19	LOCATION	Masurar 11 500	th livest	Paunce	KS
OLD OR NEW (C	Circle one)	1/25 W	<i>lest nto</i>			
	0				<u> </u>	
CONTRACTOR	Discolery	Rigt	OWNER (buning -1	lelsen	<u> </u>
TYPE OF JOB	Konarary	plug		U		and the second sec
HOLE SIZE 7	<u>78 7</u>	<u>.D.</u>	CEMENT			
		DEPTH	AMOUNT OI	RDERED ZOO	52 60 M	3 49/0g.el
TUBING SIZE		EPTH	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		0
	11/2 D	DEPTH 1360			*	· · · · · · ·
TOOL	D	EPTH		· · · ·		~ ~
PRES. MAX	N	<u>IINIMUM</u>	COMMON	120	@ 16.25	1950.00
MEAS. LINE	S	HOE JOINT	POZMIX	ନ୍ତ	@ 8.50	680.00
CEMENT LEFT I	NCSG. all		GEL	7	@ 21.25	152.25
PERFS.			CHLORIDE	······································	@	
DISPLACEMENT	Freshwater	Rigmud	ASC			
	EQUIPMEN	12				
	CQUITMEN	AT .				·····
		1	·····			··· ·· · · · · · · · · · · · · · · · ·
PUMP TRUCK	CEMENTER 63		· · · · · · · · · · · · · · · · · · ·		— ° <u>—</u> ———	
<u># 224</u>	HELPER Bobbs	Sr.			_@	
BULK TRÙCK	0				@	
# 341	DRIVER Yeun	W. LANCE	5		@	
BULK TRUCK		0			@	
#	DRIVER				@	
· · · · · · · · · · · · · · · · · · ·			HANDLING		@ <u>2.25</u>	465, 25
			MILEAGE _2	07 443 4.11		979.11
حطرر	REMARKS	5:			TOTAL	4.227.11
12 plugat 1	360 C+ mo	4052				-
Zne plugat	1190 et mid	- Besa		SERVI	CE	
Beoluc at	430Ft min					
4th sheat	Coft m?		DEPTH OF JO	DB 1360		
alt mix 3	sector	· · · · · · · · · · · · · · · · · · ·		K CHARGE	· 4 🔿	50.00
	2060-		EXTRA FOO			50, 20
					_@	·
			MILEAGE 7		@ 7.00	<u>(602, 28</u>
		·	— MANIFOLD _		_@	· · ·
					@	
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· · · · · · · · · · · · · · · · · · ·						

CHARGE TO:	uning-nelson	۹	
STREET	O	· .	
CITY	STATE	ZIP	

PLUG & FLOAT EQUIPMENT

TOTAL 1852-

Weaden Pluce	@ 94.00 94.00	-
<u>0</u>	@	
	@	_
	@	
		_

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and framials as

ALLIED CEMENTING CO., LLC. 037245

Federal Tax I.D.# 20-5975804

Federal lax I.	D.# 20-5975804	
REMIT TO P.O. BOX 31	SERV	ICE POINT:
RUSSELL, KANSAS 67665		Gread Bench
DATE 7 - 10 - 11 SEC. TWP. RANGE C	ALLED OUT ON LOCATION	JOB START JOB FINISH 245 PM 345 PM
	ett North To	COUNTY STATE
OLD OR NEW (Circle one)	est to North west?	50
CONTRACTOR Discoury 4 TYPE OF JOB Surtace	OWNER Downing A	- · · ·
HOLE SIZE 12 4, T.D. 1160	CEMENT	
CASING SIZE 8 2 DEPTH 1160	AMOUNT ORDERED 450	Stars A
TUBING SIZE DEPTH TUBING SIZE DEPTH	43% cc + 2% 6 c	
DRILL PIPE DEPTH	42/0CC 72/064	
TOOL DEPTH		
PRES. MAX MINIMUM	COMMON 4/50	@ 16.25 7312.00
MEAS. LINE SHOE JOINT \0.7	COMMON 450 POZMIX	
CEMENT LEFT IN CSG.	GEL 9	@ 21.25 191.25
PERFS.		
DISPLACEMENT 71.25 BBLS		
	ASC	_@
EQUIPMENT		_@
	····	_@
PUMPTRUCK CEMENTER Way ~ C		_@
# 366 HELPER Grey		
BULK TRUCK		
# 473 DRIVER Nick		_@
BULK TRUCK		_@
# DRIVER		@ 2.25 101.8.25
	HANDLING <u>475</u> MILEAGE <u>475 x 43 x 11</u>	
REMARKS:	MILEAGE 112 X 13 KI	
		TOTAL 11749. 95
PIPE On Baston Dreg & Ci-culatio	Sec. 1	
is it Rigmuch	SERVI	CE
Kan 10BBW water Ahrad		
Mix 4505x Class A + 3964 + 2860	DEPTH OF JOB 1160	
Shuh Down Release Plus	PUMP TRUCK CHARGE	1925.00
Displace 71.25 BBhs	EXTRA FOOTAGE	_@
Land Plug at 800 PS.	MILEAGE T.L.Y 86	@ 7.00 602.00
Cement did ci-culate	MANIFOLD	_@
		@
		@
CHARGE TO: Downing + Nelson		
STREET		TOTAL 2527.00
CITYSTATEZIP		
	PLUG & FLOAT	EQUIPMENT
		-
		<u> </u>
	Rubber Plus	@ 112.00
The Alline Comparison Constraints	Battle Plate	
To Allied Cementing Co., LLC.	NALL PIGAC	@ 1/2.00 1/2.00

@ **@**

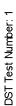
You are hereby requested to rent cementing equipment and furnish compartor and halper(a) to assist any

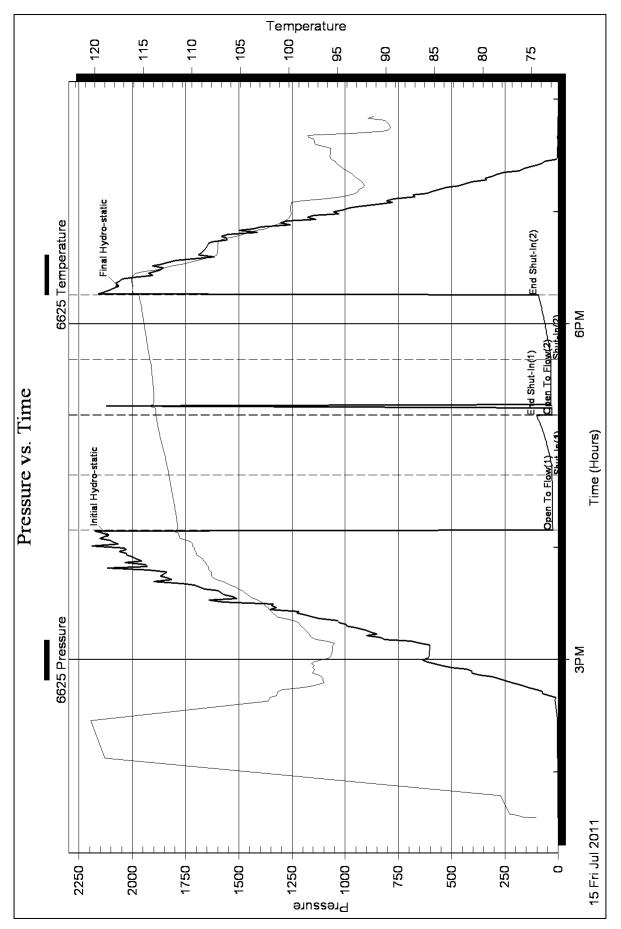
RILOBITE	DRILL STEM TES	TREP	 DRT							
	Dow ning-Nelson Oil Co Inc		Saxton Family Unit #1-19							
ESTING , INC	P O Box 1019 Hays Ks 67601		19-20s-20w Pawnee Job Ticket: 43624 DST#:1							
	ATTN: Ron Nelson					بالاتا 13:35:11 @				
GENERAL INFORMATION: Formation: Miss Deviated: No Whipstock: Time Tool Opened: 16:09:06 Time Test Ended: 19:50:35	ft (KB)		Teste Unit I	er: F No: 4	Ray Schw I2	-				
Interval:4285.00 ft (KB) To4Total Depth:4333.00 ft (KB) (1Hole Diameter:7.85 inches Ho			Rete	rence Elev KB to	o GR/CF:	2173.0	00 ft (KB) 00 ft (CF) 00 ft			
Serial #: 6625InsidePress @RunDepth:33.66 psigStart Date:2011.07.15Start Time:13:35:11TEST COMMENT:30-IFP-surface30-ISIP-no bl30-FFP-no bl flu30-FSIP-no bl30-FSIP-no bl	End Date: End Time: bl , died in 10 min	2011.07.15 19:50:35	Capacity: Last Calib Time On E Time Off B	.: Btm: 2		8000.0 2011.07.1 5 @ 16:06:3 5 @ 18:20:0	36			
30-FSIP-NO DI Pressure vs.	Time		PR	ESSUR	ESUM	MARY				
Been and the second sec	CESTemperature 120 130 140 140 140 140 140 140 140 14	Time (Min.) 0 3 32 64 65 94 129 134	Pressure (psig) 2115.79 25.27 27.93 102.05 28.31 33.66 93.36 2069.35	111.60 112.39 113.72 113.71 114.34 115.45	Annota Initial Hyd Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut Final Hyd	Iro-static Flow (1)) -In(1) Flow (2)) -In(2)				
Recovery				Gas	s Rates					
Length (ft) Description 5.00 Mud	Volume (bbl) 0.02			Choke (in	nches) Pres	sure (psig)	Gas Rate (Mct/d)			
						6 @ 08:32:				

		DRI	LL STE	M TEST F	REPORT	-		FLUID S	UMMARY		
	RILOBITE	Dow nir	ng-Nelson Oil	Co Inc		Saxton Family Unit #1-19					
	ESTING , INC.		x 1019 ís 67601			19-20s-20v	w Pawnee				
		nays r	5 07001			Job Ticket: 4	13624	DST#:1			
		ATTN:	Ron Nelson			Test Start: 2	2011.07.15 @ 1	13:35:11			
Mud and Cu	shion Information										
• •	el Chem			ion Type:			Oil A PI:		deg API		
Mud Weight:	9.00 lb/gal			ion Length: ion Volume:		ft bbl	Water Salinity	:	ppm		
Viscosity: Water Loss:	62.00 sec/qt 11.11 in³			Cushion Type:		ומט					
Resistivity:	ohm.m			Cushion Pressure	:	psig					
Salinity: Filter Cake:	7000.00 ppm 1.00 inches										
Recovery In	formation										
			1	overy Table			7				
	Lengt ft	th	D	escription		Volume bbl					
		5.00	Mud			0.025	5				
	Total Length:	5	.00 ft To	otal Volume:	0.025 bbl						
	Num Fluid Samp	les: 0	N	um Gas Bombs:	0	Serial #	:				
	Laboratory Nam		La	aboratory Location	n:						
	Recovery Com	nents:									

Serial #: 6625 Inside Dow ning-Nelson Oil Co Inc

19-20s-20w Paw nee





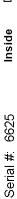
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Ref. No: 43624

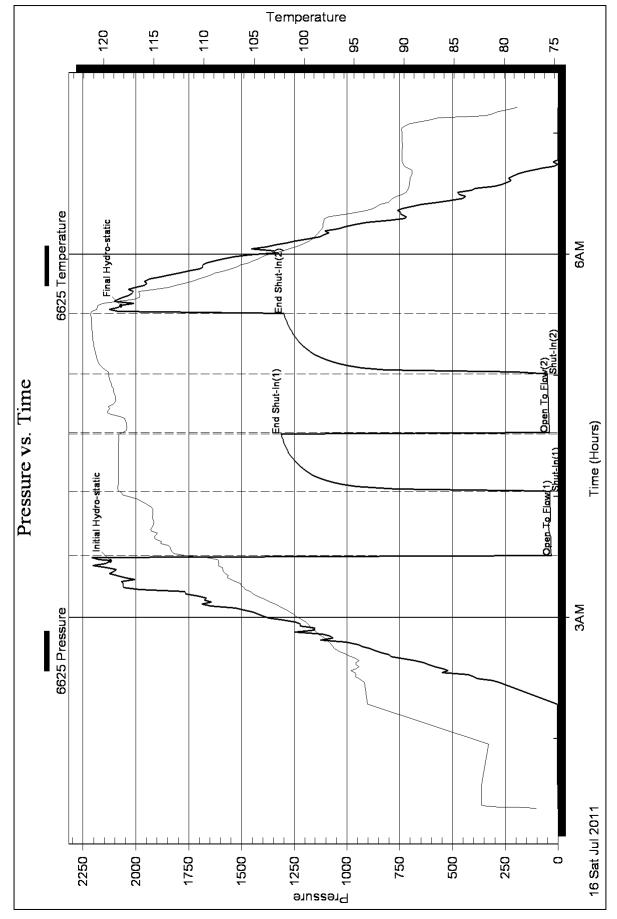
Trilobite Testing, Inc

		DRILL	STEM T	ES	TREP	ORT							
	RILOBITE		elson Oil Co Inc			Saxton Family Unit #1-19							
	ESTING , INC.	POBox 10 ⁻ HaysKs67				19-20s-20w Pawnee							
		ATTN: Ror					Ticket: 43		DST 6 @ 01:25:05				
		ATTN: NO	TNEISON			165		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 @ 01.25.00)			
GENERAL INI	FORMATION: Miss												
Deviated: Time Tool Opene Time Test Ended:	No Whipstock: d: 03:30:30	ft	(KB)			Tes	ter:	Convent Ray Sch 42	ional Bottom w ager	Hole			
Interval: A Total Depth: Hole Diameter:	4330.00 ft (KB) To 43 4343.00 ft (KB) (T\ 7.85 inchesHole	/D)				Ref	erence Ele	evations	2173.	00 ft (KB) 00 ft (CF) 00 ft			
Hole Diameter:	7.85 Incheshole						KBI		-: 8.	00 ft			
Serial #: 662 Press@RunDept Start Date: Start Time:		@ 4331.0 End Da End Til			2011.07.16 07:12:59	Capacity Last Cali Time On Time Off	b.: Btm: :		8000. 2011.07. .16 @ 03:28: .16 @ 05:34:	00			
TEST COMME	ENT: 30-IFP-w k bl 1/4 30-ISIP-no bl 30-FFP-surface 30-FSIP-no bl												
	Pressure vs. T					PI	RESSUF						
2250	6625 Pressure	6625 Tempe		- 120	Time (Min.)	Pressure (psig)	Temp (deg F)	Anno	otation				
2000				- 115	0	2119.91	108.55		lydro-static				
1750				- 110	3 34	30.92 39.80	111.88 118.32		To Flow (1) n(1)				
1500				- 105	63	1313.37	118.51	End Sh	nut-In(1)				
		Birth (2) Eur Birth (2)		Tempe	64	41.13			To Flow (2)				
² / ₂ 1000				- 100 emperature - 95 - 90	93 123 127	50.55 1300.57 2069.84	119.48 121.28 120.61	End Sh	nut-In(2) Iydro-static				
	3AM	1 THE FIELD		- 80 - 75									
16 Sat Jul 2011	3AM Time (Hours)	644	<i>"</i>										
	Recovery			-			Ga	s Rate	s				
Length (ft)	Description		Volume (bbl)	ļ			Choke (i	nches) F	ressure (psig)	Gas Rate (Mcf/d)			
70.00 N	MW 45%M55%W		0.71	ł									
				┦									
				†									
				†									
				1									
Trilobite Testi			h [.] 43625	+					7 16 @ 08.33				

100-		DRI	ILL STEM TEST REPOR	Т	F	LUID SUMMARY
Dow ning-Nelson Oil Co Inc Saxton Family Unit #1-19 Dow ning-Nelson Oil Co Inc Saxton Family Unit #1-19 P O Box 1019 19-20s-20w Pawnee Hays Ks 67601 Job Ticket: 43625 DST ATTN: Ron Nelson Test Start: 2011.07.16 @ 01:25:0 Mud and Cushion Information Cushion Type: Oil API:	RILUBITE	Dow nir	ng-Nelson Oil Co Inc	Saxton F	amily Unit #1-	19
	ESTING , INC.	P O Bo	x 1019	19-20s-20v		
	DST#:2					
Image: Construction of the second						
Mud and C	Image: Construction of the system of the					
			Cushion Type:		Oil A PI:	deg API
				ft		-
	-			bbl		
				ncia		
			Gas Cushion riessure.	psig		
Recovery I	nformation					
	·			-1	-	
	Leng ft	th	Description			
		70.00	MW 45%M55%W	0.70	9	
	Total Length:	70	0.00 ft Total Volume: 0.709 bb	I		
	Num Fluid Samp	les: 0	Num Gas Bombs: 0	Serial #	ŧ <u>:</u>	
	Recovery Com	nents: RV	W.28@70F			



Dow ning-Nelson Oil Co Inc



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Ref. No: 43625

Trilobite Testing, Inc

Marc	: Downing				DAIL	PENETRATION				BIT	RECORD		
	etroleum Geo	,		GEOLOGIC	DATE	DEPTH	NO	\$i2E	MAKE	TYPE	DEPTH OUT	FEET	НО
	ashington Circle			REPORT	 								
	s, Ks 67601				ļ		Į			ļ			
Phone: 620-428-		21-2286		LOG						·	<u>I.</u>		_
			201	204		·····	ŀ						
COMPANY Chusning - Nelso	· Oilla, Inc.												
			19										·
WELL Saxton Family U	N: + # 1-19			-\$: • • • • • • • • • • • • • • • • • • •	<u> </u>				
FIELD Steffen													
LOCATION 1546 FSL 6	1645' FEL	PRODUCTION							1	1		· · · · ·	1
SEC. 19 TWP. 205	RGE. 200	ELEVATION	KB_2 DF	179							<u> </u>		
COUNTY Pawner			GL_2	171									-
STATE Kansas		Drflfing Measured, Fr			FORMATION	INTERVAL]		ESCRIPTION O	f show	1	LOG AN	LYSIS
JINIC		Samples Saved From_										8	SW
		Drilling Time From					;						
OPERATOR DNOCT	0. 4 U	Samples Examined Fra Geological Supervisi											
CONTRACTOR RUISCOURS Drilling	Rig #7	Weilsite Geologist _	Marc Da		•								
CONTRACTOR Discovery Drilling COMM: 1-9-11 COMP: COMP: COMP: COMP: CASING RECOR)	Electrical Surveys			•								
SURF : 85/4" @ 1140 PROD: _	None												
TOTAL DEPTH DRILLERS:4340		**************************************											
TOTAL DEPTH LOG										•			
FORMATION T	OPS AND STR	JCTURAL POS	ITION										
FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL									-
Top Anhydrife Base Anhydrife	1364		1915	-2									
Base An hydrite	1392		- +7%7	-2			ļ	•					
HEERNER	3697		-1518	+2									
BKC	3749	- <u> </u>	-1570	+3									
Full SLOTT	4244		-2065	+2									
CHERDREE SH.	4242		-2683	+2							1		
Miss	4328		-2149	-16								<u>.</u>	
Osage	4335		-2156	NR				· · · · ·				·	
												-	
		<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>							<u>.</u>		
REFERENCE WELL FOR STRU	JCTURE GRENC	RSSQ CARA)	1								1	,
Saxton "A" Hy	E/2-5W-					1	· ·				L		

				DRILLS	TEM TES	STS							ļ				
0.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	I HAI-FHAI	RECOVERY										
											REMARKS						
+											REM						
	•								Dolomite								
										OIL SI	IOWS						
			•.				· · ·										Γ
		•		-					Ool.Lime		DESCRIPTIONS						
┢											SCRIP						
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						-	- -		r D D		SAMPLE						
╀								L L	CHARGE CONTROL		~~ <u>~</u>						
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											DEPTH						
L									Sandetone		DE	-					
RKS	AND RECOMMENDAT	10NS	Nise 1	ou li	set p	induct	ive and of				1 %						
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	<u></u>								Anhydrite						┠┼┼┼┤		
							······································		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TIME PER FC netration							·⊁-╊ ╋╋╋ ┣╋╋
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