

CONFIDENTIAL KANSAS CORPORATION COMMISSION ORIGINAL

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

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

WELL HISTORY - DESCRIPTION OF WELL & LEASE

4/15/13

OPERATOR: License # 34320
 Name: LASSO ENERGY LLC
 Address 1: P.O. BOX 465
 Address 2: 1125 SOUTH MAIN
 City: CHASE State: KS Zip: 67524 + 0465
 Contact Person: BRUCE D. KELSO
 Phone: (918) 633-9655
 CONTRACTOR: License # 34484
 Name: FOSSIL DRILLING LLC
 Wellsite Geologist: C. MICHAELS
 Purchaser: NCRA

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Designate Type of Completion:

New Well Re-Entry Workover

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: JEREL INC
 Well Name: SAYLER #1
 Original Comp. Date: 1/10/74 Original Total Depth: 4030'

Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW

Plug Back: - Plug Back Total Depth _____
 Commingled Permit #: -
 Dual Completion Permit #: -
 SWD Permit #: -
 ENHR Permit #: -
 GSW Permit #: -

03/16/2011	03/18/2011	04/06/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-20465-0001

Spot Description: C C NE NE
C C NE NE Sec. 3 Twp. 24 S. R. 14 East West
626 4620 Feet from North / South Line of Section
640 660 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: STAFFORD
 Lease Name: PETROS Well #: 1
 Field Name: WILDCAT
 Producing Formation: CONGLOMERATE
 Elevation: Ground: 1949' Kelly Bushing: 1954'
 Total Depth: 4090' Plug Back Total Depth: 4057'
 Amount of Surface Pipe Set and Cemented at: 250 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.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)

Chloride content: 55,000 ppm Fluid volume: 500 bbls
 Dewatering method used: VACUUM TRUCK & EVAPORATION

Location of fluid disposal if hauled offsite:
 Operator Name: LASSO ENERGY LLC
 Lease Name: HEYEN SE License #: 34320
 Quarter SE Sec. 3 Twp. 24 S. R. 14 East West
 County: STAFFORD Permit #: D30012

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
 Title: ENGINEER Date: 04/06/2011

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* Letter of Confidentiality Received
 Date: 4/15/11 - 4/15/13
 Confidential Release Date: APR 19 2011

* Wireline Log Received
 * Geologist Report Received **KCC WICHITA**
 UIC Distribution
 ALT I II III Approved by: _____ Date: _____

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APR 15 2011

Operator Name: LASSO ENERGY LLC Lease Name: PETROS Well #: 1
 Sec. 3 Twp. 24 S. R. 14 East West County: STAFFORD

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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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If no, Submit Copy) List All E. Logs Run: PETRO-LOG: RADIATION GUARD LOG (OPEN HOLE) LOG-TECH: SECTOR BOND/GAMMA RAY CCL LOG (CASED)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample</th> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">Top Datum</td> </tr> <tr> <td>ANHYDRITE</td> <td>874</td> <td style="text-align: center;">+1075</td> </tr> <tr> <td>HEEBNER</td> <td>3470</td> <td style="text-align: center;">-1516</td> </tr> <tr> <td>BROWN LIME</td> <td>3613</td> <td style="text-align: center;">-1569</td> </tr> <tr> <td>LANSING KANSAS CITY</td> <td>3630</td> <td style="text-align: center;">-1676</td> </tr> <tr> <td>CONGLOMERATE SHALE</td> <td>3956</td> <td style="text-align: center;">-2002</td> </tr> <tr> <td>VIOLA</td> <td>4057</td> <td style="text-align: center;">-2103</td> </tr> <tr> <td>RTD</td> <td>4090</td> <td style="text-align: center;">-</td> </tr> </table>	Name	Formation (Top), Depth and Datum	Sample			Top Datum	ANHYDRITE	874	+1075	HEEBNER	3470	-1516	BROWN LIME	3613	-1569	LANSING KANSAS CITY	3630	-1676	CONGLOMERATE SHALE	3956	-2002	VIOLA	4057	-2103	RTD	4090	-
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VIOLA	4057	-2103																										
RTD	4090	-																										

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
SURFACE	13"	8 5/8"	20 LBS/FT	250	60/40 POZ	185	2% GEL, 3% CC
PRODUCTION	7 7/8"	5 1/2"	17 LBS/FT	4080	AA-2	115	60/40 POZ (30 SX)
-	-	-	-	-	-	-	-

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Perforate	-	-	-	-
Protect Casing	-	-	-	-
Plug Back TD	-	-	-	-
Plug Off Zone	-	-	-	-

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 (90 DEG)	PERFORATION (10') 0.142" PERFORATION SIZE	1000 GALLONS OF 15% HCL ACID	4002'-4012'
-	-	4000 GALLONS OF 15% HCL GEL ACID	4002'-4012'
-	-	-	-
-	-	RECEIVED.	-
-	-	APR 19 2011	-

TUBING RECORD:	Size: 2 7/8" API J55 UPSET	Set At: 4039.67'	Packer At: NONE	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. APRIL 2011		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) -		
Estimated Production Per 24 Hours	Oil Bbls. 1.5	Gas Mcf 1.0	Water Bbls. 10.0	Gas-Oil Ratio N/A Gravity 30 d APT

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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) -	PRODUCTION INTERVAL: CONGLOMERATE 4002'-4012'
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COPY

WELL REPORT

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Date Commenced: 03/16/2011
Date Reached TD: 03/18/2011
Date Completed: 04/06/2011

Elevation: 1949'
KB: 1954'

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Lasso Energy LLC
Petros #1 (OWWO)
C C NE NE
3-T24S-R14W
Stafford County, Kansas

Formation Data and Tops:

KB: 5'

Formation Name	Determination	Top	Datum
Anhydrite	E-Log	874	+1080
Howard lime	E-Log	2992	-1018
Topeka	E-Log	3070	-1116
Heebner	E-Log	3470	-1516
Toronto	E-Log	3498	-1544
Brown lime	E-Log	3613	-1569
Lansing/KC	E-Log	3630	-1676
BKC	E-Log	3880	-1926
Marmaton	E-Log	3938	-1984
Conglomerate Shale	E-Log	3956	-2002
Conglomerate Chert	E-Log	4002	-2048
Kinderhook	Sample	4012	-2058
Maquoketa	Sample	4038	-2084
Viola	Sample	4057	-2103
RTD	Talley	4090	-

Surface Casing: 8 5/8" 20 lb/ft
new on 1/6/74 set at 250' with
185 sacks 60/40 poz-mix, 2% get
and 3% cc.

Production Casing: 5 1/2" 17 lb/ft
new on 4/6/11 set at 4080' with
115 sacks AA-2 cement with 30 SX
of 60/40 poz-mix and other
additives

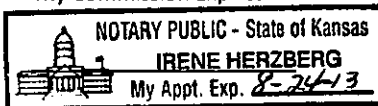
AFFIDAVIT

STATE OF KANSAS §
COUNTY OF RICE §

Bruce D. Kelso of lawful age does swear and state that the facts and statements herein contained are true and correct to the best of "his" knowledge.

Subscribed and sworn to before me this 8th day of April 2011.

My Commission Expires:



Notary Public

Irene Herzberg

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Static Bottom Hole Pressure

04/11/2011

Petros #1 – Stafford County, Kansas

4002'-4012' – Conglomerate: 1490 psig

Fluid level: 900' from the surface
Perforations: 4002'-4012'
Total fluid in hole: 3112' (4012' – 900')
Weight of fluid: 1.075 sg (67.08 lbs/ft³)
Gas pressure at surface: 40 psig
Static bottom hole pressure: $(3112 \text{ ft} \cdot 67.08 \text{ lbs/ft}^3) / 144 \text{ in}^2 / \text{ft}^2 = 1449.673 \text{ psig}$

 $1449.673 \text{ psig} + 40.0 \text{ psig} = \underline{1489.673 \text{ psig}}$

Bottom hole temperature: 108°F

Drill Stem Test Results

Shut in pressure reached on DST did not reach static level.

Initial Production Report

Attached

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COMPANY NAME: LASSO ENERGY LLC
 WELL: PETROS #1
 FIELD: WILDCAT
 COUNTY: STAFFORD, KANSAS

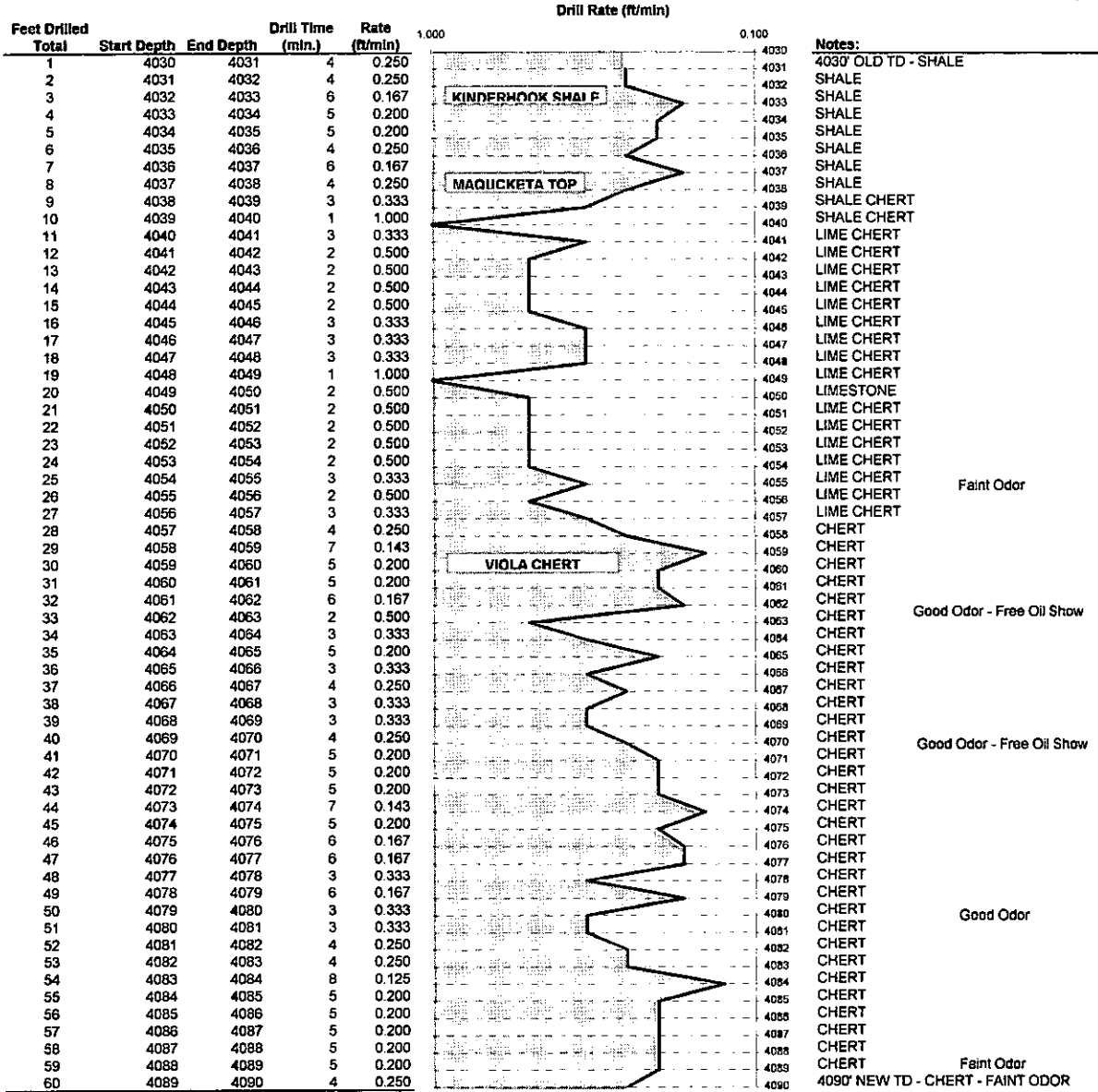
LOGGED BY: BRUCE D. KELSO
 INTERVAL LOGGED: 4030' to 4090'
 DATE LOGGED: 3/19/2011
 LOCATION: 3-T24S-R14W (C NE NE)

RIG: FOSSIL DRILLING - RIG #3
 KB: 1957'
 GL: 1949'
 DE:

LASSO PETROS #1

3/19/2011

Reached New TD at 9:30pm



60' 234 mins
 3.90 hrs

Average Drill Time: 0.256 ft/min

Notes: Drilling Force: _____ lbs on bit
 Utilized ten drill collars

Lasso Energy LLC - Chase, Kansas - USA

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5 1/2" X 2 7/8" TUBING HEAD
 KB: 5'
 1949'

NO TUBING SUBS

SURFACE CASING: 8 5/8" @ 250' w/185 SX
 CMT TO SURFACE

PUMPING UNIT: L - 114 -143 - 64 (64" SURFACE STROKE)
 LOW PROFILE UNIT (GABLE)
 18 HP - C-68 ENGINE OR 25HP ELECTRIC MOTOR
 1.25" X 18' POLISHED ROD
 1.50" X 7' HARD LINED POLISHED ROD LINER
 3/4" X 2' PONY ROD ON TOP (GRADE D)
 152 - 3/4" GRADE D SUCKER RODS ON TOP (3800')
 8 - 7/8" GRADE D SUCKER RODS ON BOTTOM (200' - SINKER)
 3/4" X 2' PONY ROD ON TOP OF PUMP W/ GUIDE (GRADE D)
 TOTAL ROD WEIGHT: 6690.44 LBS
 TOTAL ROD LENGTH: 4020'
 ESTIMATED SPEED: 4 SPM
 MAX. SPEED: 12 SPM
 MAX. DISPLACEMENT: 175 BPD (1.5" PUMP) INSTALLED
 MAX. DISPLACEMENT: 275 BPD (2.0" PUMP)
 NO TUBING ANCHOR

2 7/8" J55 API UPSET TUBING
 6.5#/FT - 2.441" ID, 2.875" OD
 129 JTS - 4039.67' (31.32' / JT AVG)
 NEW (4/6/2011)

TOC: 3516 (115 SX)

STATIC BOTTOM HOLE PRESSURE
 1489.7 PSIG (04/06/2011)

CONGLOMERATE PERFORATIONS
 4002' - 4012' (4 SPF)

1.50" INSERT PUMP
 PUMP LENGTH: 12' (NICARD AND SS)
 BOTTOM HOLD-DOWN TYPE
 TRAVELING BARREL
 8' GAS SEPERATOR ON THE BOTTOM
 2' X 3/4" PONY ROD ON TOP OF PUMP
 PUMP INTAKE DEPTH: 4048.67'
 PUMP IS SETTING 37' BELOW PERFS.

2 7/8" COUPLING
 2 7/8" x 1' SEATING NIPPLE (4039'-4040')
 2 7/8" COUPLING
 2 7/8" X 15' MUD ANCHOR (4040'-4055')

PRODUCTION CASING:
 5 1/2" @ 4090' - 17lb/ft
 7 7/8" HOLE (BIT)

DOWNHOLE TEMP: 108F

TD: 4080.0'
 PBDT: 4057.5'

RAT HOLE: 4057' - 4012' = 45'

DRAWN: BK 04/06/11	APPROVED:	LEASE: PETROS	WELL No: 1	REV.
	LassoEnergy uc		SCALE: N/A	
TOLERANCES (Unless Otherwise Specified)		LOCATION: 3-24S-14W - STAFFORD CO.		
Fractional..... ± 1/32"		RECEIVED		
2 Place Decimal..... ± .030		APR 19 2011		
3 Place Decimal..... ± .005		KCC WICHITA		
4 Place Decimal..... ± .001				



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

COPY FIELD SERVICE TICKET
1718 03421 A

DATE _____ TICKET NO. ~~CONF~~

DATE OF JOB: 3-20-11	DISTRICT: PRATT K.	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO. _____
CUSTOMER: LASSO ENERGY LLC	KCC	LEASE: Petros	1	WELL NO.:			
ADDRESS:	CITY:	STATE:	APR 15 2011	COUNTY: STATFORD	STATE: KS		
AUTHORIZED BY:	CONFIDENTIAL	SERVICE CREW: Sullivan, mason, Phye					
EQUIPMENT#		HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED: 3-19-11
33708-2012	35						DATE: 3-19-11
17765-17118	3						ARRIVED AT JOB: 3-20-11
19866							AM/PM: 10:30
							START OPERATION: 10:25
							FINISH OPERATION: 11:00
							RELEASED: 3-20-11
							AM/PM: 11:40
							MILES FROM STATION TO WELL: 25

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Clarence Michael*
(WELL-OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	Al-2 cont	SK	115		
CP 103	60/40 p22 con	SK	30		
CC 111	SALT	lb	527		
CC 115	gr. Blok	lb	82		
CC 129	74A-222	lb	80		
CC 201	g/b sand	lb	275		
CC 112	Front 4" x 1/2" Rod	lb	33		
CC 102	Cell - Halc	lb	29		
CC 105	De-foamer	lb	11		
CE 103	TOP Lub. Plug 5/2	SA	1		
PF 1451	Truss 2/2 x 1	SA	1		
CF 1651	Tubing	SA	10		
CC 155	Ruger Hook	SA	300		
F 100	Rucky molyb	mi	25		
C 101	Hammer	mi	50		
C 113	Bulk Polym	TON	169		
CE 205	Dress change 4000-5000	SA	1		
CE 240	Blenders - 10000	SK	145		
CE 504	Plug Gator - 1/2" J	SA	1		
5003	Salt	SA	1		

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CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

Thank you TOTAL 7,825.95

SERVICE REPRESENTATIVE: *Robert Johnson*
LD SERVICE ORDER NO. _____

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Clarence Michael*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer LA SSO ENERGY	Lease No.	Date 3-20-11
Lease Petros	Well # 1	
Field Order # 3421	Station PRATT KS	Casing 5 1/2
Type Job CNW 5 1/2 longstr.	Formation	Legal Description 3-24-14
	Depth	County STAFFORD
		State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 4094'	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 94 1/2	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4078	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager DAVE SCOTT	Treater Robert Fulton
Service Units 19866 23708 20920 19960 19918		
Driver Names Gulhaan Nelson Pyle		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0730					ON loc. Softy meeting
					Ran 124 JTS 5 1/2 12" CS9.
					cont. 1, 2, 10, 11, 14, 15, 19, 23, 34
0930					Casing and B. Hops
0940					Hook up T. case
1025	200		12	4	at Super Flush
			3		Spit out
			27	5	mix cont. 115 dk All cont
					cont mixed - w/wh pump 400
					Release Plug
				5	at Disp
	300		65		left Ps.
	500			4	Slow Rate
1100	1500		94 1/2	4	plug down
			7		plug R.H. w/ 200k 6/14/07
					503 complete
					Thank you

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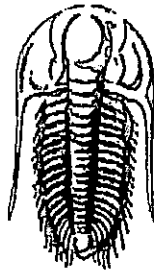
NO SURFACE CASING CEMENT RECORDS

OWWO

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COPY



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Lasso Energy LLC**

1125 S.Main
PO Box 465
Chase,KS 67524

ATTN: Clarence Michael/Bruc

3-24-14 Stafford,KS

Petros#1 OWWO

Start Date: 2011.03.18 @ 18:48:04

End Date: 2011.03.19 @ 04:40:34

Job Ticket #: 041618 DST #: 1

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Lasso Energy LLC

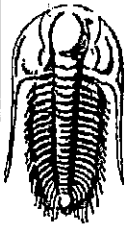
Petros#1 OWWO

3-24-14 Stafford,KS

DST # 1

Miss.

2011.03.18



**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lasso Energy LLC

Petros#1 OWWO

1125 S.Main
PO Box 465
Chase,KS 67524
ATTN: Clarence Michael/Bruc65

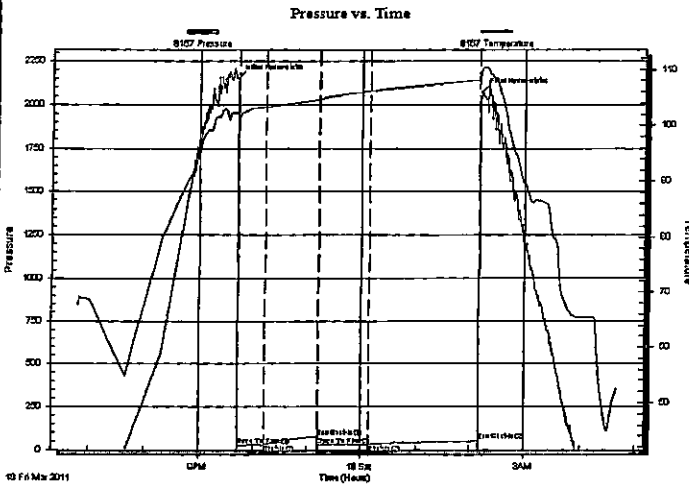
3-24-14 Stafford,KS
Job Ticket: 041618 DST#: 1
Test Start: 2011.03.18 @ 18:48:04

GENERAL INFORMATION:

Formation: Miss.
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:42:49
 Time Test Ended: 04:40:34
 Interval: 4003.00 ft (KB) To 4030.00 ft (KB) (TVD)
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole
 Tester: Gary Pavoteaux
 Unit No: 56
 Reference Elevations: 1957.00 ft (KB)
 1949.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8167 Inside
 Press@RunDepth: 32.36 psig @ 4004.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.03.18 End Date: 2011.03.19 Last Calib.: 2011.03.19
 Start Time: 18:48:09 End Time: 04:40:34 Time On Btm: 2011.03.18 @ 21:40:19
 Time Off Btm: 2011.03.19 @ 02:12:19

TEST COMMENT: IF: Strong blow . B.O.B. in 55 secs.
 IS: No blow .
 FF: Fair blow . 6 - 10".
 FS: No blow .



PRESSURE SUMMARY

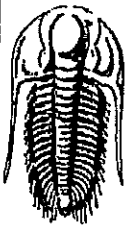
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2152.82	102.21	Initial Hydro-static
3	25.47	101.37	Open To Flow (1)
32	30.42	103.25	Shut-In(1)
92	77.91	104.55	End Shut-In(1)
92	24.80	104.50	Open To Flow (2)
149	32.36	106.13	Shut-In(2)
269	51.03	108.12	End Shut-In(2)
272	2074.85	110.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GOCVM 4%g 6%o 11%w 89%m	0.63
0.00	815 ft. of GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lasso Energy LLC

Petros#1 OWWO

1125 S.Main
PO Box 465
Chase,KS 67524
ATTN: Clarence Michael/Bruc65

3-24-14 Stafford,KS
Job Ticket: 041618 DST#: 1
Test Start: 2011.03.18 @ 18:48:04

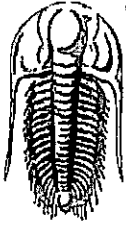
Tool Information

Drill Pipe:	Length: 4005.00 ft	Diameter: 3.80 inches	Volume: 56.18 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 56.18 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4003.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3986.00	
Shut in tool	5.00			3991.00	
HMV	5.00			3996.00	
Safety Joint	3.00			3999.00	
Packer	4.00			4003.00	18.00 Bottom Of Top Packer
Stubb	1.00			4004.00	
Recorder	0.00	8167	Inside	4004.00	
Recorder	0.00	8370	Outside	4004.00	
Perforations	21.00			4025.00	
Bullnose	5.00			4030.00	27.00 Anchor Tool
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lasso Energy LLC
1125 S.Main
PO Box 465
Chase,KS 67524
ATTN: Clarence Michael/Bruc65

Petros#1 OWWO
3-24-14 Stafford,KS
Job Ticket: 041618 DST#: 1
Test Start: 2011.03.18 @ 18:48:04

Mud and Cushion Information

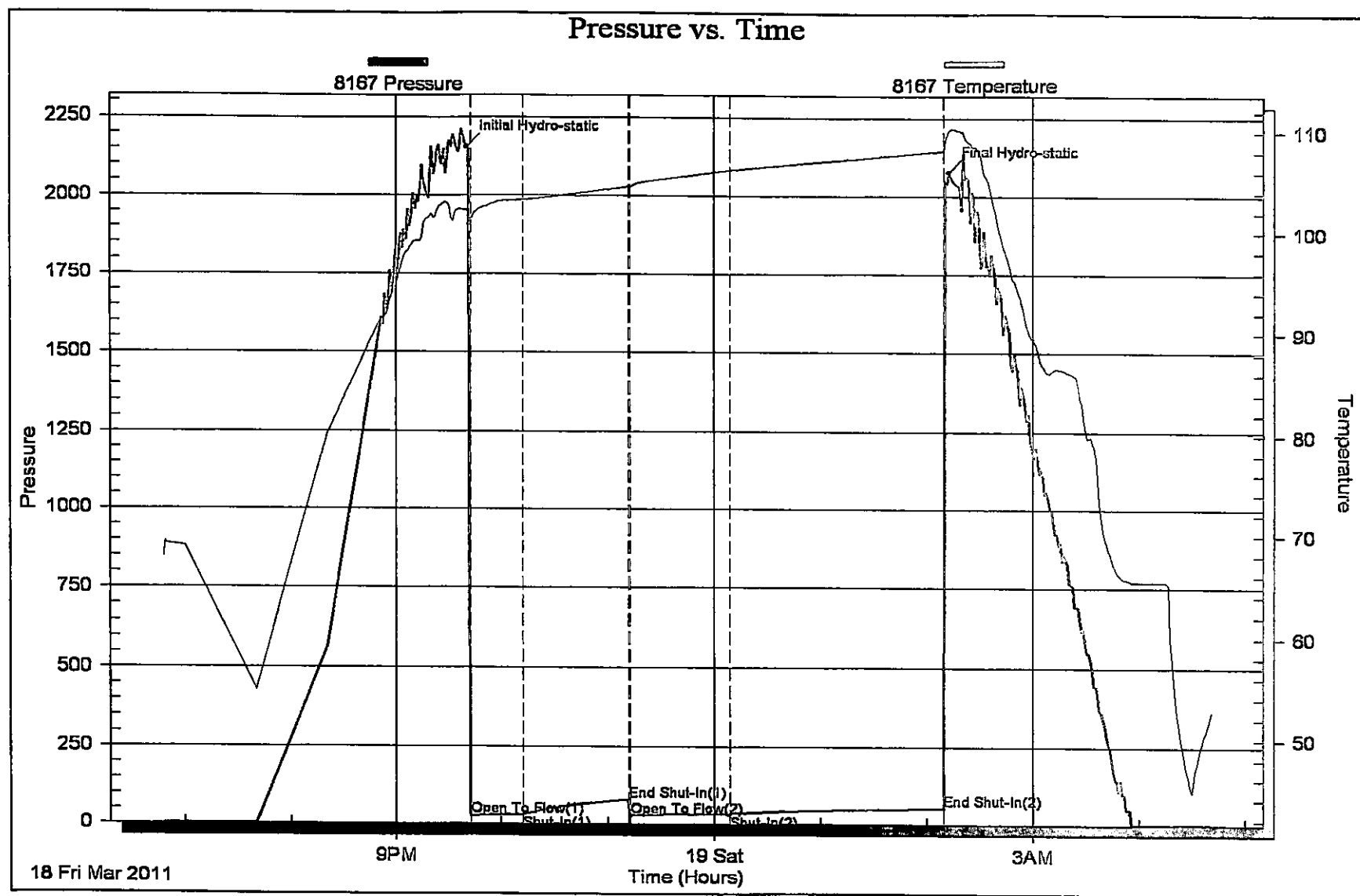
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	54000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 29.73 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 54000.00 ppm			
Filter Cake: 0.20 inches			

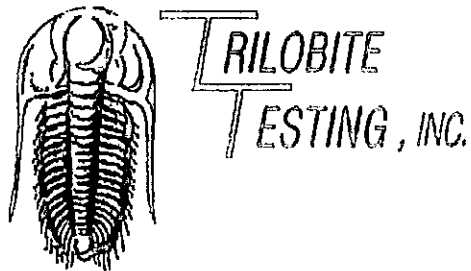
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	GOCWM 4%g 6%o 11%w 89%m	0.631
0.00	815 ft.of GIP	0.000

Total Length: 45.00 ft Total Volume: 0.631 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Lasso Energy LLC**

1125 S.Main
PO Box 465
Chase,KS 67524

ATTN: Clarence Michael/Bruc

3-24-14 Stafford,KS

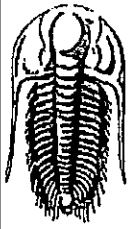
Petros#1 OWWO

Start Date: 2011.03.19 @ 05:42:15

End Date: 2011.03.19 @ 13:50:00

Job Ticket #: 041619 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lasso Energy LLC
1125 S.Main
PO Box 465
Chase,KS 67524
ATTN: Clarence Michael/Bruc65

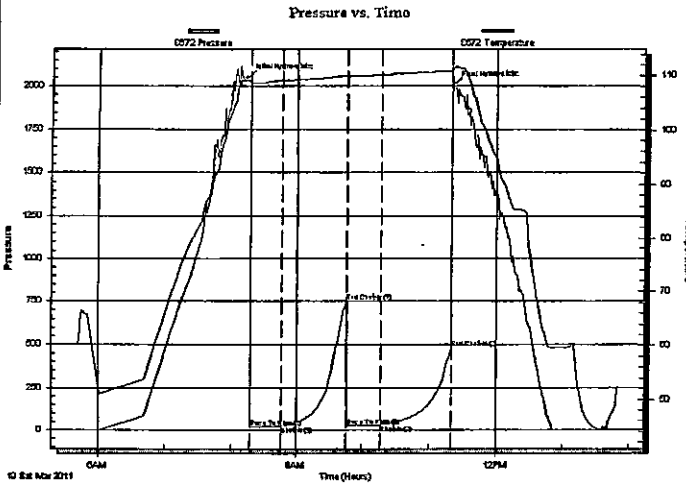
Petros#1 OWWO
3-24-14 Stafford,KS
Job Ticket: 041619 DST#: 2
Test Start: 2011.03.19 @ 05:42:15

GENERAL INFORMATION:

Formation: Lans. I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 08:17:15
Time Test Ended: 13:50:00
Interval: 3742.00 ft (KB) To 3770.00 ft (KB) (TVD)
Total Depth: 4030.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Straddle
Tester: Gary Pavoteaux
Unit No: 56
Reference Elevations: 1957.00 ft (KB)
1949.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8672 Inside
Press@RunDepth: 29.88 psig @ 3743.00 ft (KB)
Start Date: 2011.03.19 End Date: 2011.03.19
Start Time: 05:42:20 End Time: 13:49:59
Capacity: 8000.00 psig
Last Calib.: 2011.03.19
Time On Btm: 2011.03.19 @ 08:14:15
Time Off Btm: 2011.03.19 @ 11:22:00

TEST COMMENT: IF:Weak blow . 1/2 - 1".
IS:No blow .
FF:Weak blow . 1/2 - 1".
FS:No blow .



PRESSURE SUMMARY

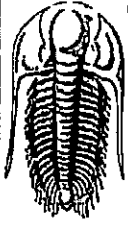
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.75	109.25	Initial Hydro-static
3	17.49	108.44	Open To Flow (1)
33	23.41	109.18	Shut-in(1)
91	747.02	110.10	End Shut-in(1)
92	25.46	109.84	Open To Flow (2)
123	29.88	110.24	Shut-in(2)
186	477.18	110.86	End Shut-in(2)
188	2006.71	111.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 3%o 97%m/Trace of GIP	0.42

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lasso Energy LLC
1125 S. Main
PO Box 465
Chase, KS 67524
ATTN: Clarence Michael/Bruc65

Petros#1 OWWO
3-24-14 Stafford, KS
Job Ticket: 041619 DST#: 2
Test Start: 2011.03.19 @ 05:42:15

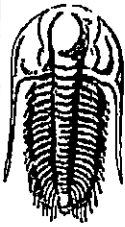
Tool Information

Drill Pipe:	Length: 3748.00 ft	Diameter: 3.80 inches	Volume: 52.57 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 52.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3742.00 ft			Final 47500.00 lb
Depth to Bottom Packer:	3770.00 ft			
Interval between Packers:	28.00 ft			
Tool Length:	311.00 ft			
Number of Packers:	3	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3720.00	
Shut in tool	5.00			3725.00	
HMV	5.00			3730.00	
Safety Joint	3.00			3733.00	
Packer	4.00			3737.00	23.00 Bottom Of Top Packer
Packer	5.00			3742.00	
Stubb	1.00			3743.00	
Recorder	0.00	8672	Inside	3743.00	
Recorder	0.00	8370	Outside	3743.00	
Perforations	23.00			3766.00	
Blank Off Sub	1.00			3767.00	
T.C.	3.00			3770.00	28.00 Tool Interval
Packer	0.00			3770.00	
Stubb	1.00			3771.00	
Recorder	0.00	8167	Below	3771.00	
Perforations	2.00			3773.00	
Blank Spacing	252.00			4025.00	
Bullnose	5.00			4030.00	260.00 Bottom Packers & Anchor

Total Tool Length: 311.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lasso Energy LLC
1125 S.Main
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Chase,KS 67524
ATTN: Clarence Michael/Bruc65

Petros#1 OWWO
3-24-14 Stafford,KS
Job Ticket: 041619 DST#: 2
Test Start: 2011.03.19 @ 05:42:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	54000 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 29.71 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 54000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 3%o 97% m/Trace of GIP	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

