

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 32278  
Name: Tengasco, Inc.  
Address 1: PO Box 458  
Address 2: 1327 Noose Rd  
City: Hays State: KS Zip: 67601 + 9744  
Contact Person: Gary Wagner  
Phone: ( 785 ) 625-6374  
CONTRACTOR: License # 33493  
Name: American Eagle Drilling LLC  
Wellsite Geologist: Mike Bair  
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- 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 #: \_\_\_\_\_

<u>2-7-11</u>	<u>2-14-11</u>	<u>2-24-11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23919-00-00

Spot Description: \_\_\_\_\_

S2 NE SE NE Sec. 28 Twp. 8 S. R. 19  East  West

1,815 Feet from  North /  South Line of Section

330 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Rooks

Lease Name: Veverka C Well #: 2

Field Name: Webster

Producing Formation: Arbuckle

Elevation: Ground: 2007' Kelly Bushing: 2012'

Total Depth: 3530' Plug Back Total Depth: 3486'

Amount of Surface Pipe Set and Cemented at: 263' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1442' Feet

If Alternate II completion, cement circulated from: 1442'

feet depth to: surface w/ 200 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 38000 ppm Fluid volume: 250 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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: Gary Wagner

Title: Production Manager Date: 4-15-11

KCC Office Use ONLY

**RECEIVED**

Letter of Confidentiality Received

**APR 15 2011**

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

**KCC WICHITA**

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: DG Date: 4/20/11

Operator Name: Tengasco, Inc. Lease Name: Veverka C Well #: 2  
 Sec. 28 Twp. 8 S. R. 19  East  West County: Rooks

**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 <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input 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 <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Neutron Density/PE, Micro. CBL</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>1429</td> <td>+583</td> </tr> <tr> <td>Topeka</td> <td>2953</td> <td>-941</td> </tr> <tr> <td>Heebner</td> <td>3160</td> <td>-1148</td> </tr> <tr> <td>Toronto</td> <td>3184</td> <td>-1172</td> </tr> <tr> <td>Lansing</td> <td>3200</td> <td>-1188</td> </tr> <tr> <td>BKC</td> <td>3415</td> <td>-1403</td> </tr> <tr> <td>Arbuckle</td> <td>3438</td> <td>-1426</td> </tr> </table>	Name	Top	Datum	Anhydrite	1429	+583	Topeka	2953	-941	Heebner	3160	-1148	Toronto	3184	-1172	Lansing	3200	-1188	BKC	3415	-1403	Arbuckle	3438	-1426
Name	Top	Datum																							
Anhydrite	1429	+583																							
Topeka	2953	-941																							
Heebner	3160	-1148																							
Toronto	3184	-1172																							
Lansing	3200	-1188																							
BKC	3415	-1403																							
Arbuckle	3438	-1426																							

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	12-1/4"	8-5/8"	23#	263'	Com	170	3% CC, 2% Gel
Production	7-7/8"	5-1/2"	14#	3526'	ASC	150	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
6	Arbuckle 3440-48'	300 gal 15% MA	

RECEIVED  
APR 15 2011

TUBING RECORD:	Size: <u>2-7/8"</u>	Set At: <u>3465'</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>2-28-11</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>6</u>	Gas Mcf	Water Bbls. <u>150</u>	Gas-Oil Ratio Gravity

KCC WICHITA

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>Arb 3440-48'</u>
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# ALLIED CEMENTING CO., LLC. 034110

PERMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell Ks.  
Wood

DATE <u>2-21-2011</u>	SEC. <u>28</u>	TWP. <u>8 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>Veyerska</u>	WELL # <u>C-3</u>	LOCATION <u>Zurich Ks, 60 1/2 N 1/4 W INTO</u>				COUNTY <u>ROCK'S</u>	STATE <u>KANSAS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Fisher Well Service (Frances) OWNER

TYPE OF JOB Part-Collar (Circ. Cement)

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH <u>3525'</u>
TUBING SIZE <u>2 7/8</u>	DEPTH
<del>PIPE</del> PIPE <u>8 5/8 Surface</u>	DEPTH <u>263'</u>
TOOL <u>Part Collar</u>	DEPTH @ <u>1442'</u>
PRES. MAX <u>800#</u>	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>8.35 - 7.50</u>	<u>BBL</u>

CEMENT

AMOUNT ORDERED 200 Sx Lite/WT  
w/ 1/4# F10-Seal Per Sx

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Lite 200</u>	@	<u>11.85</u>	<u>2370.00</u>
<u>Ft. Seal 50</u>	@	<u>2.45</u>	<u>122.50</u>
	@		
	@		
	@		
	@		
	@		
HANDLING <u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE <u>10 Mile/Trk</u>			<u>1000.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>GIFANN</u>
# <u>398</u>	HELPER <u>WOODY</u>
BULK TRUCK	
# <u>473</u>	DRIVER <u>Tony - Nick</u>
BULK TRUCK	
#	DRIVER

REMARKS:

Found Part Collar @ 1442' Test To  
800# (Held) Open & Received Circulation.  
mixed 200 Sx Cement, & Cement Circulated  
To Surface. Displaced 7 1/2 BBL, Closed  
Part Collar, & Check To 800# (Held).  
Ran 5 IT'S 2 7/8, & WASHED Clean.  
Came out of Hole w/ opening Tool.  
THANKS

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1159.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>50</u>	@	<u>7.00</u>	<u>350.00</u>
MANIFOLD <u>yes</u>	@		
	@		
	@		

TOTAL 1509.00

CHARGE TO: Tengasco Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Cement Did Circulate To Surface!  
STATE Rep. Pat Pedora (KCC)  
ON LOCATION:

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment  
and furnish cementer and helper(s) to assist owner or

PLUG & FLOAT EQUIPMENT

	@	RECEIVED
	@	APR 15 2011
	@	KCC WICHITA

# ALLIED CEMENTING CO., LLC. 034102

MIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell Ks.

DATE <u>2-14-2011</u>	SEC. <u>28</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30 PM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>VEVERKA</u>	WELL # <u>B-3</u>	LOCATION <u>ZURICH KS. 6 1/2 N 1/4 W INTO</u>			COUNTY <u>ROOKS,</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR AMERICAN EAGLE Rig #3  
 TYPE OF JOB PRODUCTION STRING  
 HOLE SIZE 7 7/8 T.D. @ 3528'  
 CASING SIZE 5 1/2 New 14" DEPTH @ 3526'  
 TUBING SIZE 8 5/8 SURFACE DEPTH @  
~~PIPE~~ PIPE PORT COLLAR DEPTH 1441  
 TOOL AFU INSERT DEPTH @ 3483'  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 42'  
 CEMENT LEFT IN CSG. 42'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ 85 / BBL

EQUIPMENT

PUMP TRUCK CEMENTER Glenn  
 # 398 HELPER Pax  
 BULK TRUCK  
 # 410 DRIVER MARK - Nick  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS: PORT COLLAR ON JT #50 (1441)

Run of JT's New 14" 5 1/2 CSG.  
Set @ 3528  
Circulate 1 HR on Bottom.  
Pump Flush Cement, Clean - Line Release  
Plug, Displace 85 BBL H<sub>2</sub>O LAND  
PLUG @ 1000 FT. Release + Float - Held!  
30 SX @ RAT Hole  
THANK'S

CHARGE TO: TENGASCO INC.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

OWNER \_\_\_\_\_  
 CEMENT  
 AMOUNT ORDERED 180 SX ASC.  
10% SALT 2% GAL  
500 GAL WFR-2 mod FLUSH

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	<u>3</u>	<u>20.25</u>
CHLORIDE	@	_____	_____
ASC	@	<u>180</u>	<u>16.70</u>
	@	_____	_____
<u>WFR-2</u>	@	<u>500</u>	<u>1.10</u>
	@	_____	_____
	@	_____	_____
	@	_____	_____
	@	_____	_____
	@	_____	_____
HANDLING	@	<u>180</u>	<u>2.25</u>
MILEAGE	@	<u>10.6</u>	<u>900.00</u>
TOTAL			<u>4921.75</u>

SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1957.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 50 @ 7.00 350.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 RECEIVED @ \_\_\_\_\_

APR 15 2011 TOTAL 2302.00

KCC WICHITA  
 PLUG & FLOAT EQUIPMENT

<u>Guide Shoe</u>		<u>101.00</u>
<u>AFU-INSERT</u>	@	<u>112.00</u>
<u>5-CENTRALIZERS</u>	@	<u>35.00</u>
<u>1-BASKET</u>	@	<u>161.00</u>
<u>1-PORT COLLAR</u>	@	<u>1750.00</u>
<u>1-T.R.P.</u>	@	<u>43.00</u>

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment  
 and furnish cementer and helner(s) to assist owner or

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>2-7-11</u>	SEC. <u>28</u>	TWP. <u>8</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00p</u>	JOB FINISH <u>11:30p</u>
LEASE <u>Veverka</u>	WELL # <u>3</u>	LOCATION <u>Zurich 5 1/2 N Wirt</u>			COUNTY <u>Rooks</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR American Esck Co #3  
TYPE OF JOB Surface Job

OWNER

HOLE SIZE 12 1/4 T.D. 266  
CASING SIZE 8 5/8 DEPTH 268.30  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG. 15'

CEMENT AMOUNT ORDERED 170 Con 31CC 2561

PERFS.  
DISPLACEMENT 15.8661

COMMON	<u>170</u>	@	<u>13.50</u>	<u>2295.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>6</u>	@	<u>51.50</u>	<u>309.00</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Shane  
# 417 HELPER Heath  
BULK TRUCK  
# 410 DRIVER Mark  
BULK TRUCK  
# DRIVER

HANDLING	<u>170</u>	@	<u>2.25</u>	<u>382.50</u>
MILEAGE	<u>11.56/mile</u>			<u>850.00</u>
TOTAL				<u>3897.25</u>

REMARKS:

Run 6 sts. + Landoff 5th  
Est Circulation  
Mixed 170 sts  
Cement Circulated

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>50</u>	@	<u>7.00</u>	<u>350.00</u>
MANIFOLD		@		

TOTAL 1341.00

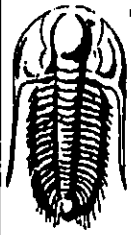
CHARGE TO: Tengasco Inc.  
STREET  
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or

*(Signature)*

@ RECEIVED  
@ APR 15 2011  
@ KCC WIGHITA



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Tengasco Inc  
P O Box 458  
Hays Ks 67601-9744  
ATTN: Rod Tremblay

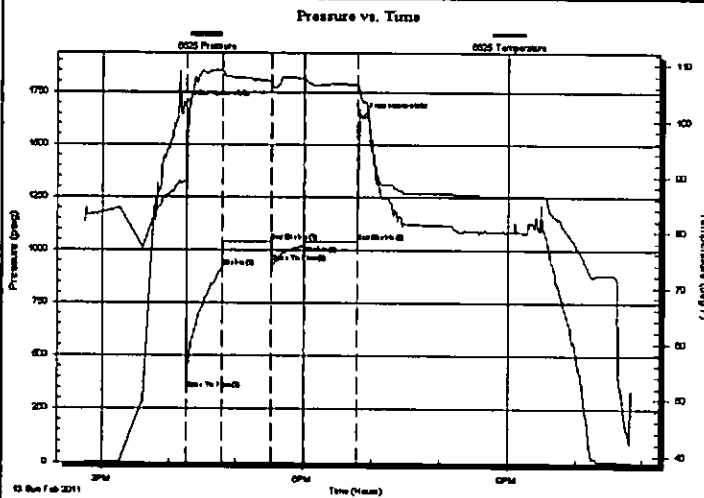
**Veverka C #3**  
**28-8s-19W Rooks**  
Job Ticket: 41883      DST#: 1  
Test Start: 2011.02.13 @ 14:44:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock:**      ft (KB)  
Time Tool Opened: 16:15:55  
Time Test Ended: 22:50:54  
Interval: **3412.00 ft (KB) To 3444.00 ft (KB) (TVD)**  
Total Depth: **3444.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Fair**  
Test Type: **Conventional Bottom Hole**  
Tester: **Ray Schwager**  
Unit No: **42**  
Reference Elevations: **2017.00 ft (KB)**  
**2012.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

Serial #: **6625**      Inside  
Press@RunDepth: **1020.17 psig @ 3416.00 ft (KB)**  
Start Date: **2011.02.13**      End Date: **2011.02.13**  
Start Time: **14:44:00**      End Time: **22:50:54**  
Capacity: **8000.00 psig**  
Last Calib.: **2011.02.13**  
Time On Btm: **2011.02.13 @ 16:13:55**  
Time Off Btm: **2011.02.13 @ 18:51:25**

TEST COMMENT: **IFP-strg bl thru-out**  
**ISIP-1/4"bl bk**  
**FFP-strg bl in 2 min**  
**FSIP-no bl bk**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1687.49	89.19	Initial Hydro-static
2	339.76	89.66	Open To Flow (1)
34	917.62	108.95	Shut-In(1)
77	1039.05	107.15	End Shut-In(1)
78	938.90	107.36	Open To Flow (2)
107	1020.17	107.45	Shut-In(2)
154	1039.70	106.54	End Shut-In(2)
158	1631.94	103.61	Final Hydro-static

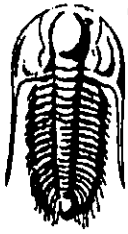
## Recovery

Length (ft)	Description	Volume (bbl)
2430.00	CO	34.09
120.00	O&GCMW 10%G20%O30%M40%W	1.68

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)

**RECEIVED**  
**APR 15 2011**  
**KCC WICHITA**



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc  
P O Box 458  
Hays Ks 67601-9744  
  
ATTN: Rod Tremblay

**Veverka C #3**  
**28-8s-19W Rooks**  
Job Ticket: 41883      DST#: 1  
Test Start: 2011.02.13 @ 14:44:00

### Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	21 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	36000 ppm
Viscosity:	61.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.96 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2600.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2430.00	CO	34.087
120.00	O&GCMW 10%G20%O30%M40%W	1.683

Total Length: 2550.00 ft      Total Volume: 35.770 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: RW .21 @ 61F

