

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED  
SEP 26 2006  
KCC WICHITA

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 5474  
Name: NORTHERN LIGHTS OIL CO., LC  
Address: P.O. BOX 164  
City/State/Zip: ANDOVER, KS 67002  
Purchaser: ---  
Operator Contact Person: KURT SMITH  
Phone: (316) 733-1515  
Contractor: Name: MALLARD JV  
License: 4958  
Wellsite Geologist: JEFF CHRISTIAN

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
9-12-06                      9-18-06                      9-18-06  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                                                Recompletion Date

API No. 15 - 195-22389-00-00  
County: TREGO  
s/2 se sw. Sec. 17 Twp. 15 S. R. 22  East  West  
160 feet from S N (circle one) Line of Section  
1950 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: JANIE Well #: 1  
Field Name: ---

Producing Formation: ---  
Elevation: Ground: 2316 Kelly Bushing: 2321  
Total Depth: 4267 Plug Back Total Depth: ---  
Amount of Surface Pipe Set and Cemented at 260' 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/ DA sx cmt.

Drilling Fluid Management Plan AH I MK  
(Data must be collected from the Reserve Pit) 11-25-08  
Chloride content 4000 ppm Fluid volume 2000 bbls  
Dewatering method used EVAPORATION  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ East West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: MANAGING PARTNER Date: 9-25-06  
Subscribed and sworn to before me this 25th day of SEPTEMBER, 2006.  
Notary Public: [Signature]  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
N Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
 SEP 26 2006  
 KCC WICHITA

Operator Name: NORTHERN LIGHTS OIL CO., LC Lease Name: JANIE Well #: 180sx  
 Sec. 17 Twp. 15 S. R. 22 East  West County: TREGO

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes No  Cores Taken Yes <input checked="" type="checkbox"/> No Electric Log Run Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Log Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1678</td> <td>+643</td> </tr> <tr> <td>LKC</td> <td>3715</td> <td>-1394</td> </tr> <tr> <td>FT SCOTT</td> <td>4174</td> <td>-1853</td> </tr> </tbody> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Anhydrite	1678	+643	LKC	3715	-1394	FT SCOTT	4174	-1853
Log Name	Formation (Top), Depth and Datum	Sample Datum											
Anhydrite	1678	+643											
LKC	3715	-1394											
FT SCOTT	4174	-1853											

CASING RECORD <span style="float: right;">New Used</span>							
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	24#	260'	common	175	3%gel2%cc

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
Estimated Production Per 24 Hours		Oil Bbls.	Gas Mcf	Water Bbls.	Gas Lift	Other (Explain)	

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

*(If vented, Sumit ACO-18.)*

# ALLIED CEMENTING CO., INC.

26653

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

SERVICE POINT:  
*Mass City*

DATE <i>9-13-06</i>	SEC. <i>17</i>	TWP. <i>15</i>	RANGE <i>22w</i>	CALLED OUT <i>10:00pm</i>	ON LOCATION <i>11:00pm</i>	JOB START <i>11:40pm</i>	JOB FINISH <i>12:30am</i>
LEASE <i>same</i>	WELL # <i>#1</i>	LOCATION <i>1/4 1/4 sec. 2 north</i>		COUNTY <i>rego</i>	STATE <i>KS</i>		

CONTRACTOR *Mallard Donly*  
 TYPE OF JOB *Surface Pipe*  
 HOLE SIZE *12 1/4"* T.D. *260'*  
 CASING SIZE *8 5/8"* DEPTH *260'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. *approx 10'*  
 PERFS.  
 DISPLACEMENT *16 BBls*

OWNER *Northern Lights*  
 CEMENT  
 AMOUNT ORDERED *175 ex Common*  
*37 1/2 & 29 1/2 gal*

EQUIPMENT  
 PUMP TRUCK CEMENTER *Jack*  
 # *224* HELPER *Jim*  
 BULK TRUCK  
 # *81218* DRIVER *Lannie*  
 BULK TRUCK  
 # DRIVER

COMMON	<i>175 net</i>	@	<i>10.65</i>	<i>1863.75</i>
POZMIX		@		
GEL	<i>4 net</i>	@	<i>16.65</i>	<i>66.60</i>
CHLORIDE	<i>5 net</i>	@	<i>46.60</i>	<i>233.00</i>
ASC		@		
HANDLING	<i>184 net</i>	@	<i>1.90</i>	<i>349.60</i>
MILEAGE	<i>184 net</i>	@	<i>32</i>	<i>529.92</i>
TOTAL				<i>3042.87</i>

REMARKS:

*Run 6 lbs of 8 5/8 casing cement with  
 175 ex cement - Displace plug with  
 16 BBls of fresh water -  
 Cement Deal Ciec  
 Plug Down @ 12:30 AM*

*Thanks*

CHARGE TO: *Northern Lights*  
 STREET  
 CITY STATE ZIP

SERVICE

DEPTH OF JOB	<i>260'</i>			
PUMP TRUCK CHARGE				<i>815.00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>32</i>	@	<i>6.00</i>	<i>192.00</i>
MANIFOLD		@		
RECEIVED		@		
SEP 20 2006				
KCC WICHITA				TOTAL <i>1007.00</i>

PLUG & FLOAT EQUIPMENT

<i>1-8 5/8 Wood</i>	@	<i>60.00</i>	<i>60.00</i>
	@		
	@		
	@		
	@		
TOTAL <i>60.00</i>			

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE *Kirk Urban*

*Kirk Urban*  
 PRINTED NAME

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

# ALLIED CEMENTING CO., INC.

26682

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

SERVICE POINT:

St Bend

DATE <u>9-18-06</u>	SEC. <u>17</u>	TWP. <u>15</u>	RANGE <u>22</u>	CALLED OUT <u>7:00AM</u>	ON LOCATION <u>11:00AM</u>	JOB START <u>11:30AM</u>	JOB FINISH <u>1:30 PM.</u>
LEASE <u>Jawie</u>	WELL # <u>1</u>	LOCATION <u>4 1/4 Jct 6N, 2 1/2 W 5 1/2 W/2</u>			COUNTY <u>Trego</u>	STATE <u>Ks</u>	
OLD OF <input checked="" type="radio"/> NEW <input type="radio"/> (Circle one)							

CONTRACTOR Mallard  
TYPE OF JOB Rotary Plug  
HOLE SIZE 2 7/8 T.D.  
CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
DRILL PIPE 4 1/2" DEPTH 1700'  
TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
CEMENT LEFT IN CSG. \_\_\_\_\_  
PERFS. \_\_\_\_\_  
DISPLACEMENT \_\_\_\_\_

OWNER Same  
CEMENT  
AMOUNT ORDERED 200 lbs 6/40 6% Mel  
1/4" flow/str

EQUIPMENT  
PUMP TRUCK CEMENTER Tom D  
# 181 HELPER Brandon R  
BULK TRUCK  
# 314 DRIVER Cody R  
BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>120 AL</u>	@	<u>10.65</u>	<u>1278.00</u>
POZMIX	<u>80 AL</u>	@	<u>5.80</u>	<u>464.00</u>
GEL	<u>10 AL</u>	@	<u>16.65</u>	<u>166.50</u>
CHLORIDE		@		
ASC		@		
<u>FROSEAL</u>	<u>50#</u>	@	<u>2.00</u>	<u>100.00</u>
HANDLING	<u>312 AL</u>	@	<u>1.90</u>	<u>402.80</u>
MILEAGE	<u>212 AL 09</u>		<u>32</u>	<u>610.56</u>
TOTAL				<u>3021.86</u>

REMARKS:

Mixed - 25 lbs @ 1700'  
100 lbs @ 820'  
40 lbs @ 310'  
10 lbs @ 40'  
15 lbs in Reel hole  
10 lbs in Manhole

Thanks

CHARGE TO: Northernlights oil co.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>1700'</u>			
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>32</u>	@	<u>6.00</u>	<u>192.00</u>
MANIFOLD		@		
RECEIVED		@		

SEP 26 2006

KCC WICHITA

TOTAL 1007.00

PLUG & FLOAT EQUIPMENT

<u>1- 8 5/8 Inflow Plug</u>	@	<u>35.00</u>	<u>35.00</u>
	@		
	@		
	@		
	@		
TOTAL <u>35.00</u>			

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TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE X Mall D Eber

X Mark D Eber  
PRINTED NAME

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(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

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3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

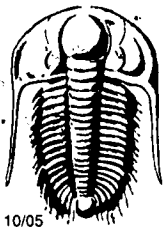
**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

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(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



# TRILOBITE TESTING INC.

15-195-22382 00-00

P.O. Box 362 • Hays, Kansas 67601

RECEIVED  
SE: 26 2006  
KCC WICHITA

## Test Ticket

Well Name & No. Janie #1 Test No. 1 Date 9-17-06  
 Company Northern Lights Zone Tested Cherokee  
 Address P.O. Box 164 Andover, KS 67002 Elevation 2321 KB 2316 GL  
 Co. Rep / Geo. Jeff Christian Rig Mcillard  
 Location: Sec. 17 Twp. 15<sup>s</sup> Rge. 22<sup>w</sup> Co. Trego State K  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4185-4267 Initial Str Wt./Lbs. 59,000 Unseated Str Wt./Lbs. 12,000  
 Anchor Length 82 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 80,000  
 Top Packer Depth 4180 Tool Weight 2500  
 Bottom Packer Depth 4185 Hole Size 7 7/8" --- Rubber Size 6 3/4" ---  
 Total Depth 4267 Wt. Pipe Run --- Drill Collar Run 249  
 Mud Wt. 9.2 LCM \_\_\_\_\_ Vis. 52 WL 8.0 Drill Pipe Size 4 1/2 X 14 Ft. Run 373  
 Blow Description IFP- BOB / min  
ISI- no blow back  
FFP- ---  
FSI- ---

Recovery - Total Feet 1100 GIP --- Ft. in DC 249 Ft. in DP 851  
 Rec. 440 Feet of WM %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water 99 %mud \_\_\_\_\_  
 Rec. 660 Feet of USOC MW %gas 5 %oil 85 %water 10 %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas \_\_\_\_\_ %oil \_\_\_\_\_ %water \_\_\_\_\_ %mud \_\_\_\_\_  
 BHT 124 °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW 1709 @ 47 °F Chlorides \_\_\_\_\_ ppm Recovery 14,000 Chlorides 3000 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1975</u> PSI	<u>6769</u>	<input checked="" type="checkbox"/>
(B) First Initial Flow Pressure		<u>365</u> PSI	(depth) <u>471</u>	Jars <input checked="" type="checkbox"/>
(C) First Final Flow Pressure		<u>556</u> PSI	Recorder No. <u>13548</u>	Safety Jt. <input checked="" type="checkbox"/>
(D) Initial Shut-In Pressure		<u>1212</u> PSI	(depth) <u>4264</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>---</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>---</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>---</u> PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1940</u> PSI	Initial Shut-In <u>15</u>	Shale Packer _____
			Final Flow <u>---</u>	Ruined Packer _____
			Final Shut-In <u>---</u>	Mileage <input checked="" type="checkbox"/> <u>80.3</u>

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Approved By Jeff Christian  
 Our Representative Brian Fairbank (Hicks)

T-On Location 2353  
 T-Started 0044  
 T-Open 0259  
 T-Pulled 0329  
 T-Out 0605  
 Sub Total: \_\_\_\_\_  
 Std. By \_\_\_\_\_  
 Acc. Chg: \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Total: \_\_\_\_\_