

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 3151  
Name Alexander Energy  
Address 501 Northwest Expressway  
Oklahoma City, Ok. 73123

Purchaser Mid-Plains Petroleum, Inc.

Operator Contact Person Kim Lockwood  
Phone 405-840-5020

Contractor: License # 9087  
Name R & C Drilling Co., Inc.

Wellsite Geologist  
Phone

Designate Type of Completion  
XX New Well Re-Entry Workover  
XX Oil SWD Temp Abd  
Gas Inj Delayed Comp.  
Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
XX Mud Rotary Air Rotary Cable  
8/25/87 9/1/87 10-9-87  
Spud Date Date Reached TD Completion Date  
3770 3709  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 209 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt  
Cement Company Name Halliburton  
Invoice #

API NO. 15-163-22-942-000  
County: Rooks  
NE SW NE Sec. 32 Twp. 10 Rge. 20 East X West

3630 Ft North from Southeast Corner of Section  
1650 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

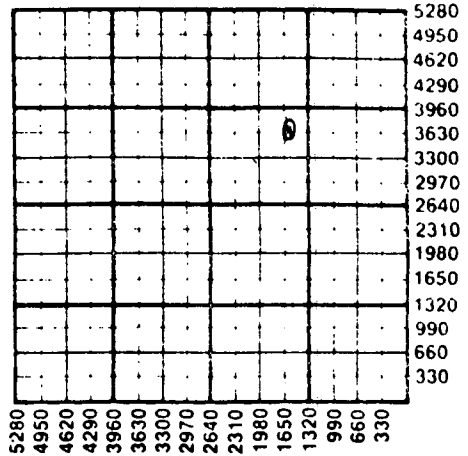
Lease Name Waite Well # 32-8

Field Name Alphin - Northwest

Producing Formation Topeka - Lansing-Kansas City

Elevation: Ground 2178' 2183' KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # App. Pending X Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West  
Surface Water Ft North from Southeast Corner (Stream, pond etc.) Ft West from Southeast Corner Sec Twp Rge East West  
Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on 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 drillers time log shall be attached with this form. 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 Kim A. Lockwood  
Title Production Manager Date 10-20-87

Subscribed and sworn to before me this 20th day of October 1987  
Notary Public Mary J. Myers  
Date Commission Expires 6-30-91

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
RCS Plug Other  
(Specify)  
OCT 28 1987  
KANSAS CORPORATION COMMISSION  
Wichita, Kansas  
Form ACO-1 (5-86)

Sec 32 Twp 10 Rge 2000

**SIDE TWO**

Operator Name Alexander Energy Lease Name Waite Well # 32-8

Sec. 32 Twp. 10 Rge. 20  East  West County Rooks

**WELL LOG**

**INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.**

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p align="center"><b>Formation Description</b></p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table border="0" style="width:100%"> <tr> <td style="width:60%">Name</td> <td style="width:20%">Top</td> <td style="width:20%">Bottom</td> </tr> <tr> <td>Stove Corral</td> <td>1628</td> <td></td> </tr> <tr> <td>Topeka</td> <td>3206</td> <td></td> </tr> <tr> <td>Lansing/Kansas City</td> <td>3451</td> <td></td> </tr> </table>	Name	Top	Bottom	Stove Corral	1628		Topeka	3206		Lansing/Kansas City	3451	
Name	Top	Bottom											
Stove Corral	1628												
Topeka	3206												
Lansing/Kansas City	3451												
<p>DST #1 - 2695-2716' (Neva)</p> <p>Rec 588' SW</p> <p>Initial Open 30 mins</p> <p style="padding-left: 40px;">SI 45 "</p> <p>Final Open 30 mins</p> <p style="padding-left: 40px;">SU 60 "</p> <p>IH 1444.6</p> <p>1st FP 42.4</p> <p>Final FP 99.6</p> <p>ISIP 933.3</p> <p>2nd FP 128.6</p> <p>Final FP 188.8</p> <p>Final SIP 933.2</p> <p>Final HP 1342.2</p> <p>30 min weak blow, strong in 21 mins</p> <p>30 min flow weak to strong in 22 mins - all air</p>													

<b>CASING RECORD</b> <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"	20 lb.	202'	60/40 Poz.	140	3% cc/2% gel
Production	7-7/8"	5-1/2"	15.5#	3770'	50/50 Poz.	450	2% gel 1 3/4%
<b>PERFORATION RECORD</b> Shots Per Foot   Specify Footage of Each Interval Perforated				<b>Acid, Fracture, Shot, Cement Squeeze Record</b> (Amount and Kind of Material Used)   Depth			
2SPF	Kansas-City Lansing 3488-96'			3800 gal.	15% HCL	NE	3488
	3575-81' : 3643-52' : 3677-86'						
2SPF	Topeka 3230-40'			1000 gal.	15% HCL		3230
<b>TUBING RECORD</b> Size <u>2-7/8"</u> Set At <u>3642'</u> Packer at <u>-</u>				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing Method						
9-28-87	<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	Gas	Water	Gas-Oil Ratio	Gravity		
	48 Bbls	TSTM MCF	96 Bbls	--	35		

**METHOD OF COMPLETION** Production Interval

Disposition of gas:  Vented  Open Hole  Perforation

Sold  Other (Specify) .....

Used on Lease  Dually Completed  Commingled

3230-3686'

15-163-22942-0000  
**WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA**

ATTACH TO INVOICE & TICKET NO. 415751

FORM 1908 R-5

A Halliburton Company

DISTRICT Hays Co DATE 9-1-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: ALEXANDER ENERGY INC (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. H 8-32 LEASE WASTE SEC. 32 TWP. 10S RANGE 20  
FIELD \_\_\_\_\_ COUNTY ROCKS STATE Ks OWNED BY SOMO

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>13.5</u>	<u>5/2</u>	<u>KPS</u>	<u>3769</u>	
LINER						
TUBING						
OPEN HOLE				<u>3769</u>	<u>3770</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

cut 5/2 long string

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- (j) Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (l) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT

SIGNED [Signature] CUSTOMER [Signature]  
DATE 9-1-87 TIME 1200 A.M. (P.M.)  
Wichita, Kansas

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

**WORK ORDER CONTRACT  
AND PRE-TREATMENT DATA**

FORM 1908 R-5

A Halliburton Company

ATTACH TO  
INVOICE & TICKET NO. 40751

DISTRICT 1174

DATE 7-1-87

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Halliburton 2 1/2 miles N.W. 7.10 (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 41 37 LEASE 128.14 SEC. 32 TWP. 10<sup>S</sup> RANGE 30

FIELD \_\_\_\_\_ COUNTY Roots STATE KS OWNED BY SOM

**THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT**

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
TOTAL DEPTH \_\_\_\_\_ MUD WEIGHT \_\_\_\_\_  
BORE HOLE \_\_\_\_\_  
INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>13.5</u>	<u>5 1/2</u>	<u>0</u>	<u>3769</u>	
LINER						
TUBING						
OPEN HOLE				<u>2767</u>	<u>2770</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED \_\_\_\_\_

cut 3/4 long sta.

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

**THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED**

As consideration, the above-named Customer agrees:

- (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
- (b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
- (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
- (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
- (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
- (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
- (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
- (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
- (j) Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
- (l) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER  
DATE 7-1-87  
TIME 1:00 A.M. (P.M.)

CONSULTING DIVISION  
Wichita, Kansas

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

# HALLIBURTON SERVICES JOB LOG

WELL NO. 4-32 LEASE Winn TICKET NO. 412752  
 CL. JMR Alexander Energy Inc PAGE NO. 1  
 JOB TYPE 5/2 L. Stn DATE 9-1-87

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	1530							called out
	1735							arrive w/ float equip. Rig laying down O.P. setting (Plan) Job.
	1830							out of hole w/ O.P. Break down Kelly & Tally 5/2 Pipe 15' & start to run eq. Run Guide shoe First JT. Howco weld First 3 JTs
	1915							cont. 1 on shoe JT 10' up. From shoe, 2, 4, 6, 8, 10, 12, 16, 18, 20 collars, basket on 20th
	2100							Pipe on Bottom
	2105							Hook up to mud Hog & air Ball 500# went through a 500#
	2111							START MIX 275 SKS Econalite 1/4" Flocculate/sk. - total slurry
			178					ST MIT 200 SKS 50-50 PZ 270 gal 10% coll 3/4" of 1 1/2" CFR2 - 6# K. L. 2. 1/sk. total slurry
			50					FIN mix washout Pump line, Release Plug.
	2217		89					st O.P.
	2245						1000	FIN O.P. - float held Plugdown
	2300							Washup equip Job complete
								Thank you Allen & Co
								Give 137 SKS to pit

RECEIVED  
 SEP 03 1987  
 Production Dept.

DEC 4 1987

CUSTOMER

Division  
 Wichita, Kansas

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC. N° 1071

Home Office P. O. Box 31

Russell, Kansas 67665

Date	8-25-87	Sec.	37	Twp.	10	Range	20	Called Out		On Location	3:00 PM	Job Start		Finish	5:00 PM																														
Lease	11/1/87	Well No.	37-8	Location	E 1/4 Sec 37 T 10 R 20			County	Harvey	State	Kan																																		
Contractor	A & P Dale											Owner																																	
Type Job	SURFACE											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 listed.																																	
Hole Size	12 1/4	T.D.	211'																																										
Csg.	8 5/8	Depth	210'																																										
Tbg. Size		Depth																																											
Drill Pipe		Depth																																											
Tool		Depth																																											
Cement Left in Csg.	15'	Shoe Joint																																											
Press Max.		Minimum																																											
Meas Line		Displace	<input checked="" type="checkbox"/>																																										
Perf.																																													
<b>EQUIPMENT</b>																																													
Pumptrk	No 197	Cementer	11/1/87																																										
		Helper	11/1/87																																										
Pumptrk	No	Cementer																																											
		Helper																																											
Bulktrk	160	Driver	Mike S.																																										
Bulktrk		Driver																																											
<table border="1" style="width: 100%;"> <tr> <td>DEPTH of Job</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Reference:</td> <td>Pumptrk</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Blug</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Sub Total</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Tax</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td></td> <td></td> </tr> </table>																DEPTH of Job					Reference:	Pumptrk					Blug						Sub Total					Tax					Total		
DEPTH of Job																																													
Reference:	Pumptrk																																												
	Blug																																												
		Sub Total																																											
		Tax																																											
		Total																																											
Remarks:																																													
Cement D.D. P. 11/1/87																																													

Charge To	Alexander Tamm		
Street	501 North 1st Street		
City	Oklahoma	State	OK
The above was done to satisfaction and supervision of owner agent or contractor.			
Purchase Order No.			
X			
<b>CEMENT</b>			
Amount Ordered	140 SKS	60/100	24% CC-701
Consisting of			
Common			
Poz. Mix			
Gel.			
Chloride			
Quickset			
Sales Tax			
Handling	700/100		
Mileage	30/100		
Sub Total			
Total			
Floating Equipment			

RECEIVED  
 SEP 11 1987  
 Production Dept.



A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73536

# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO. **418752**

DATE <b>9-1-87</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Waite #8-32</b>	COUNTY <b>Rooks</b>	STATE <b>Kansas</b>
CHARGE TO <b>Alenander Energy Corp.</b>		OWNER <b>Same</b>	CONTRACTOR <b>R &amp; C Drlg.</b>	No. <b>B 654556</b>
MAILING ADDRESS <b>501 North west Expressway</b>		DELIVERED FROM <b>Hays, Ks</b>	LOCATION CODE <b>50325</b>	PREPARED BY <b>Kuhn</b>
CITY & STATE <b>OK city, OK 73118</b>		DELIVERED TO <b>N Ellis, Ks.</b>	TRUCK NO. <b>8842</b>	RECEIVED BY <b>A. J. Wertz</b>
			<b>51252</b>	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
		L	D		QTY.	MEAS.	QTY.	MEAS.		
				<b>275 Cu. Ft. Pozmix XXX Cement 10% Gel</b>						
<b>504-308</b>	<b>516.00261</b>	<b>1</b>	<b>B</b>	<b>Standard Cement</b>	<b>179</b>				<b>5.45</b>	<b>975 55</b>
<b>506-105</b>	<b>516.00286</b>	<b>1</b>	<b>B</b>	<b>Pozmix 1A'</b>	<b>96</b>				<b>2.88</b>	<b>276 48</b>
<b>506-121</b>	<b>516.00259</b>	<b>1</b>	<b>B</b>	<b>5sk Halliburton Gel @2%</b>						<b>n/c</b>
<b>507-277</b>	<b>516.00259</b>	<b>1</b>	<b>B</b>	<b>19sk Halliburton Gel @8%</b>	<b>275</b>				<b>.74</b>	<b>203 50</b>
				<b>200 Cu. Ft. Pozmix Cement 2% Gel</b>						
<b>504-308</b>	<b>516.00261</b>	<b>1</b>	<b>B</b>	<b>Standard Cement</b>	<b>100</b>				<b>5.45</b>	<b>545 00</b>
<b>506-105</b>	<b>516.00286</b>	<b>1</b>	<b>B</b>	<b>Pozmix 1A'</b>	<b>100</b>				<b>2.88</b>	<b>288 00</b>
<b>506-121</b>	<b>516.00259</b>	<b>1</b>	<b>B</b>	<b>3sk Halliburton Gel @2%</b>						<b>n/c</b>
<b>509-968</b>	<b>516.00315</b>	<b>1</b>	<b>B</b>	<b>Salt Blended</b>	<b>58</b>	<b>lb</b>			<b>.073</b>	<b>69 93</b>
<b>507-145</b>	<b>70.15329</b>	<b>1</b>	<b>B</b>	<b>CFR-2 Blended</b>	<b>126</b>	<b>lb</b>			<b>3.70</b>	<b>466 20</b>
<b>507-210</b>	<b>890.50071</b>	<b>1</b>	<b>B</b>	<b>Flocele Blended</b>	<b>70</b>	<b>lb</b>			<b>1.21</b>	<b>84 70</b>
<b>507-285</b>	<b>70.15250</b>	<b>1</b>	<b>B</b>	<b>Econolite Blended</b>	<b>500</b>	<b>lb</b>			<b>.80</b>	<b>400 00</b>
<b>508-291</b>	<b>70.15573</b>	<b>1</b>	<b>B</b>	<b>Gilsonite Blended</b>	<b>1200</b>	<b>lb</b>			<b>.33</b>	<b>396 00</b>
<b>RECEIVED</b>										
<b>SEP 8 3 1987</b>										
<b>Production Dept.</b>										
					TOTAL WEIGHT		LOADED MILES		TON MILES	
					SERVICE CHARGE ON MATERIALS RETURNED		CU. FEET			
<b>500-207</b>		<b>B</b>		<b>SERVICE CHARGE</b>			<b>513</b>		<b>.95</b>	<b>487 35</b>
<b>500-306</b>		<b>1 B</b>		<b>Mileage Charge</b>	<b>46,270</b>	<b>33</b>	<b>763</b>		<b>.70</b>	<b>534 52</b>
<b>No. B 654556</b>					CARRY FORWARD TO INVOICE			SUB-TOTAL		<b>4,727 23</b>

FORM 1911-R5 REV. 9-81

CUSTOMER

DEC 4 6 1987  
CONSERVATION DIVISION  
Wichita, Kan.

**WELL DATA**

FIELD \_\_\_\_\_ SEC. 22 TWP. 18 RING. 20<sup>W</sup> COUNTY Rooks STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ BPD. GAS \_\_\_\_\_ MCFD \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH 3770

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>W</u>	<u>15.5</u>	<u>5 1/2</u>	<u>KB</u>	<u>3769</u>	
LINER						
TUBING						
OPEN HOLE				<u>3769</u>	<u>3770</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**JOB DATA**

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9-1-87</u> TIME <u>1537</u>	DATE <u>9-1-87</u> TIME <u>1705</u>	DATE <u>9-1-87</u> TIME <u>0945</u>	DATE <u>9-1-87</u> TIME <u>2530</u>

**TOOLS AND ACCESSORIES**

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>1 1/2" - 5/8"</u>	<u>1</u>	<u>Hawco</u>
GUIDE SHOE <u>5/8"</u>	<u>1</u>	<u>Hawco</u>
CENTRALIZERS <u>4 5/8"</u>	<u>10</u>	<u>Hawco</u>
BOTTOM PLUG		
TOP PLUG <u>5 9/16" 5/8"</u>	<u>1</u>	<u>Hawco</u>
HEAD		
PACKER <u>1 1/2" - 5/8"</u>	<u>1</u>	<u>Hawco</u>
OTHER		

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
<u>A. F. Worth</u>	<u>3477</u> <u>PT</u>	<u>Nays Ks</u>
<u>R. B. ...</u>	<u>BLK</u>	
<u>D. ...</u>	<u>5123</u>	
<u>R. K. ...</u>	<u>0818</u>	

**MATERIALS**

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API \_\_\_\_\_

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ % \_\_\_\_\_

SURFACTANT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

ME AGENT TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ IN \_\_\_\_\_

FLUID LOSS ADD. TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

GELLING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

FRIC. RED. AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BREAKER TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

BLOCKING AGENT TYPE \_\_\_\_\_ GAL.-LB. \_\_\_\_\_ IN \_\_\_\_\_

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

OTHER \_\_\_\_\_

**DEPARTMENT** COI

DESCRIPTION OF JOB 5/8" casing string

JOB DONE THRU: TUBING  CASING  ANNULUS  TBO./ANN.

CUSTOMER REPRESENTATIVE X DR. ...

HALLIBURTON OPERATOR A. F. Worth COPIES REQUESTED \_\_\_\_\_

**CEMENT DATA**

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>375</u>	<u>Standard</u>	<u>4</u>	<u>Pact</u>	<u>B</u>	<u>1/4" flow of 1st</u>	<u>3.63</u>	<u>10.7</u>
	<u>300</u>	<u>505</u>	<u>1</u>	<u>Pact</u>	<u>B</u>	<u>1 1/2" gel to 10% of 2 1/4" of 1 1/2" step 2</u>	<u>1.91</u>	<u>13.55</u>

**PRESSURES IN PSI**

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

FEET 40' REASON Shut It

**SUMMARY - VOLUMES**

FRESH: BBL-GAL. \_\_\_\_\_ TYPE \_\_\_\_\_

LOAD & BKDN: BBL-GAL. \_\_\_\_\_ PAD: BBL-GAL. \_\_\_\_\_

TREATMENT: BBL-GAL. \_\_\_\_\_ DISPL: BBL-GAL. 95.7

CEMENT SLURRY: BBL-GAL. 222

TOTAL VOLUME: BBL-GAL. \_\_\_\_\_

REMARKS See Job Log & Chart

CUSTOMER: Alex Andor Energy, Inc. Lease Unit # 4-33 JOB TYPE: 5/8" Casing String DATE: 9-1-87





A DIVISION OF HALLIBURTON COMPANY

TICKET NO. 418752-4

PAGE 1 OF 2 PAGES

FORM 1906 R-10

WELL NO. - FARM OR LEASE NAME 9-27 Wate		COUNTY Boothe	STATE KS	CITY/OFFSHORE LOCATION	DATE 4-1-87
CHARGE TO Alexander Energy Corp		OWNER SAME		TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>	NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS 501 North West Expressway		CONTRACTOR RSC Oils #2		LOCATION 1 Nays KS	CODE 52325
CITY, STATE, ZIP OK City, OK 73118		SHIPPED VIA 2412 Pt	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
DUNCAN USE ONLY		DELIVERED TO Loc		LOCATION 3	CODE
		ORDER NO.		REFERRAL LOCATION	
WELL TYPE 01		WELL CATEGORY 01		WELL PERMIT NO. B-654556	
TYPE AND PURPOSE OF JOB 035					

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished. Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT
					QTY	MEAS	QTY	MEAS		
000-117		1		MILEAGE 3472	23	MA			2.10	69.30
001-016		1		Pump Service	3769	PT				957.40
12A	835 005	1		Guide Shoe	1	EA	5 1/2	103.00	103.00	103.00
24A	812 192.51	1		2nd Hand Float	1	EA		83.00	83.00	83.00
27	815 193.11	1		Fill up	1	EA		27.50	27.50	27.50
40	807.9302	1		cont. 5-4	10	EA		44.00	440.00	440.00
020	200.9983	1		cont Basket	1	EA		90.00	90.00	90.00
350	870 1402	1		Handed Weld	1	EA		11.00	11.00	11.00
030 023		1		3rd Hand Plug	1	EA		50.00	50.00	50.00

RECEIVED  
APR 5 1987  
HALLIBURTON

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B- 654556

4727 23

WAS JOB SATISFACTORILY COMPLETED? OK

WAS OPERATION OF EQUIPMENT SATISFACTORY? OK

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? OK

X ALEXANDER FAIRLEY  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X A. F. Worth  
CUSTOMER OR HIS AGENT (SIGNATURE)

TAX REFERENCES

SUB TOTAL

TAX

TAX

TAX

TOTAL

HALLIBURTON OPERATOR

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

HALLIBURTON APPROVAL

CUSTOMER