

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

10/8/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33924
Name: ABARTA Oil & Gas Co., Inc.
Address 1: 1000 Gamma Drive, Ste. 400
Address 2: _____
City: Pittsburgh State: PA Zip: 15238 + 2 9 2 6
Contact Person: Kenneth J. Fleeman
Phone: (412) 963-6443
CONTRACTOR: License # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: W. Scott Alberg
Purchaser: NCRA

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
_____ Oil _____ SWD _____ SIOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
 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. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
7/28/10 8/7/10 8/7/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23607-0000
Spot Description: _____
SE SE NW NW Sec. 34 Twp. 15 S. R. 14 East West
990 Feet from North / South Line of Section
990 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: Nuss Well #: 1
Field Name: Nuss Northwest
Producing Formation: _____
Elevation: Ground: 1888 Kelly Bushing: 1895
Total Depth: 3431 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 912 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 PAUS 1079-10
(Data must be collected from the Reserve Pit)
Chloride content: 65,000 ppm Fluid volume: 1,000 bbls
Dewatering method used: Allow to dry and backfill
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: Terri J. Man

Title: Operations Analyst Date: 10/8/10

Commonwealth of Pennsylvania County of Allegheny
Subscribed and sworn to before me this 8th day of October

20 10

Notary Public: Tracey G. Mulert

Date Commission Expires: _____

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Tracey G. Mulert, Notary Public
O'Hara Twp., Allegheny County
My Commission Expires May 16, 2013
Member, Pennsylvania Association of Notaries

KCC Office Use ONLY
 Letter of Confidentiality Received 10/8/10 - 10/8/11
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution

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Operator Name: ABARTA Oil & Gas Co., Inc. Lease Name: Nuss Well #: 1
 Sec. 34 Twp. 15 S. R. 14 East West County: Russell

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 <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> 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 <i>(Submit Copy)</i> List All E. Logs Run: DIL, CNL/CDL/PE, MICRO	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>904</td> <td>+991</td> </tr> <tr> <td>Topeka</td> <td>2813</td> <td>-918</td> </tr> <tr> <td>Heebner Shale</td> <td>3045</td> <td>-1150</td> </tr> <tr> <td>Toronto</td> <td>3061</td> <td>-1166</td> </tr> <tr> <td>Douglas Shale</td> <td>3081</td> <td>-1186</td> </tr> <tr> <td>Lansing</td> <td>3358</td> <td>-1463</td> </tr> <tr> <td>Arbuckle</td> <td>3358</td> <td>-1463</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	904	+991	Topeka	2813	-918	Heebner Shale	3045	-1150	Toronto	3061	-1166	Douglas Shale	3081	-1186	Lansing	3358	-1463	Arbuckle	3358	-1463
Name	Top	Datum																							
Anhydrite	904	+991																							
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Douglas Shale	3081	-1186																							
Lansing	3358	-1463																							
Arbuckle	3358	-1463																							

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#	912	Class "A"	350	3% CC / 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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>P & A</u>	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 041737

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

SERVICE POINT:
Russell Ks.

DATE <u>8-1-2010</u>	SEC <u>34</u>	TWP. <u>15S</u>	RANGE <u>14W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:45 AM</u>	JOB FINISH <u>10:15 AM</u>
LEASE <u>NASS</u>	WELL # <u>1</u>	LOCATION <u>Russell South To Milberger Rd</u>			COUNTY <u>Russell</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>(12 mile) West 45 INTO,</u>					

CONTRACTOR Royal DRG Rig #

TYPE OF JOB Long SURFACE

HOLE SIZE 12 1/4 T.D. 915'

CASING SIZE 8 5/8 DEPTH 915'

TUBING SIZE 9 1/2 DEPTH 915'

DRILL PIPE 9 1/2 DEPTH 915'

TOOL BAFFLE Plate DEPTH 896'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 57.00 / BBL

OWNER _____

CEMENT AMOUNT ORDERED 350 Sx Comm.

270 GEL

370 CC

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

KCC

OCT 08 2010

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HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK # 398 CEMENTER Gleny

HELPER Shane

BULK TRUCK # 473 DRIVER JUSTIN

BULK TRUCK # _____ DRIVER _____

REMARKS:

Ray 22 1/2 New 8 5/8 SURFACE
PIPE, 23' CSG, SET @ 915'
Load Hole & received good circulation
M. Dex 350 Sx Comm 243 Cement
Release RUBBER Plug, & displaced plug
to BAFFLE plate, pumped 57 BBL H2O
SHUT IN @ 400#, Cement CIRCULATED

THANKS!

CHARGE TO: ABARTA OIL & Gas Co INC.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ RECEIVED

MANIFOLD _____ @ OCT 13 2010

_____ @ _____

_____ @ KCC WICHITA

TOTAL _____

PLUG & FLOAT EQUIPMENT

1-8 5/8 Solid RUBBER Plug @

1-8 5/8 BAFFLE Plate @

_____ @ _____

_____ @ _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 041845

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

KCC
OCT 08 2010

SERVICE POINT:
Russell KS

DATE <u>8-7-10</u>	SEC. <u>34</u>	TWP. <u>15</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>11:45</u>	JOB FINISH <u>12:15</u>
LEASE <u>Nuss</u>		WELL # <u>1</u>		LOCATION <u>Russell south on 281 to Michael's</u>		COUNTY <u>Russell</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)				<u>Rd 13/4 West South into</u>			

CONTRACTOR Royal Drilling Rig #2
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 3431'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE 4 1/2 XH DEPTH 3332'
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 200 60/40 4% Gel 1/4 #F10

COMMON	<u>120</u>	@	<u>13.50</u>	<u>1620.00</u>
POZMIX	<u>80</u>	@	<u>7.55</u>	<u>604.00</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
<u>Flo 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>110/56/mile</u>			<u>300.00</u>

TOTAL 3238.25

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts
 # 398 HELPER Richard TWS
 BULK TRUCK
 # 481 DRIVER Johnny Bill TWS
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

25sk @ 3332'
40sk @ 950'
80sk @ 400'
10sk @ 40'

30sk Rathole 15sk Mousehole

CHARGE TO: Abarta Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Dennis Border
 SIGNATURE

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>990.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>10</u>	@	<u>7.00</u>	<u>70.00</u>
MANIFOLD		@		
		@		
RECEIVED		@		

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TOTAL 1060.00

PLUG & FLOAT EQUIPMENT

	@		
<u>Dry Hole Plug</u>	@		
	@		
	@		
	@		

TOTAL N-C

SALES TAX (If Any) _____
 TOTAL CHARGES 3238.25
 DISCOUNT _____ IF PAID IN 30 DAYS

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, 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 willful 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.

ALBERG PETROLEUM, LLC

W. Scott Alberg

Petroleum Geologist, KS Lic 54

609 Meadowlark Lane

Pratt, Kansas 67124

Geologist Report

August 12, 2010

ABARTA Oil & Gas Co., Inc
1000 Gamma Dr Ste 400
Pittsburgh, PA 15238-2926

Contractor
Commenced
Completed
Elevations
Measurements
Casing Program

Samples

Drilling Time

Gas Detector

Electric Log

Formation Testing

Nuss #1
SE SE NW NW
990' FNL & 990' FWL
Section 34-T15S-R14W
Russell County, Kansas
Royal Drilling, Rig #2
July 29, 2010
August 7, 2010
GL 1888; KB 1895
All depths measured from Kelly
Bushing.
Surface: 8 5/8" set at 912'.
Production: None
Samples saved from 2800' to Total
Depth.
One(1) foot drilling time recorded by
geologist from surface to T.D.
None
Superior Well Services: DIL,
CNL/CDL/PE, MICRO.
Trilobite Testing, Four Tests Ran

<u>FORMATION</u>	<u>ELECTRIC LOG DEPTH</u>	<u>SUBSEA DATUM</u>
Anhydrite	904	+991
Topeka	2813	-918
Heebner Shale	3045	-1150
Toronto	3061	-1166
Douglas Shale	3081	-1186
Lansing	3110	-1215
Arbuckle	3358	-1463
LTD	3431	-1536

All samples corrected to Electric Log Depths.

SAMPLE ANALYSIS, SHOWS OF OIL, ECT.

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Toronto
3064 to 3069

Limestone, cream-white, very finely crystalline, chalky, trace fossils, fossil fragments, scattered vugular porosity, very slight show light oil. Trace of stain, Of No Value.

Lansing
'B Zone'
3132 to 3137'

Limestone, cream-white, finely crystalline, oolimoldic porosity, mostly barron, very slight show in one rock, slight odor when broken, chalky in part. Of No Value.

'D Zone'
3150 to 3154

Limestone, cream-white, tan, crystalline, trace of fossiliferous porosity, trace of crystalline porosity, no visible shows, Of No Value.

'F Zone'
3137 to 3141

Limestone, grey-white, tan, finely crystalline, very fossiliferous, fossiliferous porosity, friable, questionable odor, no visible shows. Of no value.

Arbuckle
3346 to 3353
3361 to 3364

Dolomite, tan, cream-white, slightly crystalline, granular, trace of scattered vugular porosity, slight show of oil, fair odor, dull fluorescence. Covered by DST #1, DST # 2, DST #3 and DST #4. OF NO VALUE

Log Total Depth

3431(-1536)

Drill Stem Tests

DST #1 3300 to 3357

Arbuckle – Times 30-30-30-45

Initial flow period, weak 1 1/4" blow, no blow back; Second flow period, no blow, no blow back.

IHP 1690# FHP 1538#

IFP 16-22# FFP 23-27#

ISIP 784# FSIP 748#

Recovery: 31 feet Mud w/ scum of oil

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DST #2 3302-3364

Arbuckle - Times 30-30-30-45

Initial flow period, blow built to 2" in 30 minutes, no blow back; Second flow period, 1" blow, no blow back.

IHP 1690# FHP 1588#

IFP 16-25# FFP 26-28#

ISIP 718# FSIP 713

Recovery: 31' Mud w/ oil spots.

DST #3 3303 to 3373

Arbuckle - Times 30-45-30-45

Initial flow, 8 1/4" blow, no blow back, Second flow, 7" blow, no blow back.

IHP 1685# FHP 1549#

IFP 24-55# FFP 56 to 90#

ISIP 1097# FSIP 1090#

Recovery: 31' Mud w/ scum of oil
126' Mud w/ oil spots

DST #4 3304 to 3383

Arbuckle - Times 30-45-30-45

Initial flow, BOB 7 1/2 min, no blow back, Second flow, BOB 8 1/2 Min, no blow back

IHP 1757# FHP 1555#

IFP 34-186# FFP 184-320#

ISIP 1093# FSIP 1089#

Recovery: 650' WM (5% W, 95% M)

RECOMMENDATIONS:

With the results of sample shows, structural position, results of the DST's and log calculations it was recommended this test well be plugged and abandoned.

Respectfully,



W. Scott Alberg, P.G. #54

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