

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32204
Name: REDLAND RESOURCES, INC.
Address 1: 6001 NW 23RD STREET
Address 2: _____
City: OKLAHOMA CITY State: OK Zip: 73127 + _____
Contact Person: ALAN THROWER
Phone: (405) 789-7104
CONTRACTOR: License # 5929
Name: DUKE DRILLING
Wellsite Geologist: MIKE POLLOK
Purchaser: ONEOK/HIGH SIERRA CRUDE
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.: _____
05/22/09 05/30/09 08/18/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

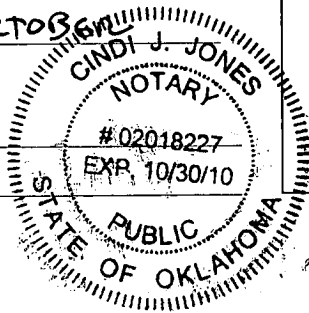
API No. 15 - 033-21555-00-00
Spot Description: _____
_____ NE SW Sec. 25 Twp. 31 S. R. 18 East West
2307 Feet from North / South Line of Section
1653 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: COMANCHE
Lease Name: JACK Well #: 25-11
Field Name: WILMORE
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 2177' Kelly Bushing: 2190'
Total Depth: 5300' Plug Back Total Depth: 5277'
Amount of Surface Pipe Set and Cemented at: 290 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 Air I NR 10-20-09
(Data must be collected from the Reserve Pit)
Chloride content: 5000 ppm Fluid volume: 1680 bbls
Dewatering method used: TRUCK TO DISPOSAL
Location of fluid disposal if hauled offsite:
Operator Name: OIL PRODUCERS
Lease Name: RICH C-9 SWD License No.: 8061
Quarter _____ Sec. 22 Twp. 32 S. R. 19 East West
County: COMANCHE Docket No.: 27178

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: Alan Thrower
Title: PRESIDENT Date: 10/14/09
Subscribed and sworn to before me this 14th day of OCTOBER
20 09.
Notary Public: [Signature]
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
OCT 16 2009

KCC WICHITA

Operator Name: **REDLAND RESOURCES, INC.** Lease Name: **JACK** Well #: **25-11**
 Sec. **25** Twp. **31** S. R. **18** [] East [x] West County: **COMANCHE**

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 [] Yes [x] No
 (Attach Additional Sheets)

Samples Sent to Geological Survey [x] Yes [] No

Cores Taken [] Yes [x] No

Electric Log Run [x] Yes [] No
 (Submit Copy)

List All E. Logs Run:
MICROLOG, DUAL INDUCTION, NEUTRON DENSITY ✓

[x] Log	Formation (Top), Depth and Datum	[x] Sample
Name	Top	Datum
CHASE	2553	-363
TOP PENN	3438	-1248
BS HEEBNER	4319	-2129
LANSING	4503	-2313
STARK SH	4775	-2585
CHEROKEE	5082	-2892
MISS UNCONFORM	5137	-2940

CASING RECORD [x] New [] 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
CONDUCTOR	30"	22"	100#	85'	REDIMIX GROUT	9.5 yds	
SURFACE	17.5"	13.375"	48#	290'	COMMON	250	3%CC/2% GEL
PRODUCTION	7.875"	4.5"	10.50#	5298'	SCAV/ASC	50/160	5# Kalseal, .25# Floseal, .5% FL160

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 (Amount and Kind of Material Used)	Depth
4	5174-5180 Set CIBP @ 5170'	1500 gal 15% NEFE	same
2	5159-5162 & 5142-5150'	1500 gal 15% NEFE	same

TUBING RECORD:	Size: 2.375"	Set At: 5070	Packer At: 5070	Liner Run: [] Yes [x] No
Date of First, Resumed Production, SWD or Enhr.	9/28/09	Producing Method:	[x] Flowing [] Pumping [] Gas Lift [] Other (Explain)	
Estimated Production Per 24 Hours	Oil 2 Bbls.	Gas 75 Mcf	Water 15 Bbls.	Gas-Oil Ratio 37,500:1

DISPOSITION OF GAS: [] Vented [x] Sold [] Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify)	PRODUCTION INTERVAL: 5159-5162' & 5142-5150'
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ALLIED CEMENTING CO., LLC. 34368

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

SERVICE POINT:
Medicine Lodge

DATE <u>5-31-09</u>	SEC. <u>31</u>	TWP. <u>18W</u>	RANGE <u>2S</u>	CALLED OUT <u>3:00 pm</u>	ON LOCATION <u>5:00 pm</u>	JOB START <u>9:30 pm</u>	JOB FINISH <u>10:30 pm</u>
LEASE <u>Jack</u>		WELL # <u>25-11</u>		LOCATION <u>1608 Wilmore Rd, 2 1/2 W, N/INTO</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Duke 7
 TYPE OF JOB Production
 HOLE SIZE 7 1/8 T.D. 5300
 CASING SIZE 4 1/2 10 1/2 # DEPTH 5300.71
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 2000 psi MINIMUM 100 psi
 MEAS. LINE _____ SHOE JOINT 21-04
 CEMENT LEFT IN CSG. 21-04'
 PERFS. _____
 DISPLACEMENT 85 1/2 Bbls 2% Kol water

OWNER Redland Resources
 CEMENT
 AMOUNT ORDERED 25 sk 40:40:4, 210 sk Class H Asc + 5th Kol seq, + .005% Fl-160 + 1/4" Flo Seal, 10 gal Clpro

EQUIPMENT

PUMP TRUCK CEMENTER Greg Griere
 # 372 HELPER Derrin F.
 BULK TRUCK
 # 052 356-252 DRIVER Michael N.
 BULK TRUCK
 # _____ DRIVER _____

COMMON <u>Class A 15 000</u>	@	<u>15.45</u>	<u>231.75</u>
POZMIX <u>10</u>	@	<u>8.00</u>	<u>80.00</u>
GEL <u>1</u>	@	<u>20.80</u>	<u>20.80</u>
CHLORIDE _____	@		
ASC <u>Class H 210</u>	@	<u>21.10</u>	<u>4431.00</u>
<u>Kol seq 1050</u>	@	<u>.89</u>	<u>934.50</u>
<u>Fl-160 99</u>	@	<u>13.30</u>	<u>1316.70</u>
<u>Flo Seal 52</u>	@	<u>2.50</u>	<u>130.00</u>
<u>Clpro 10</u>	@	<u>31.25</u>	<u>312.50</u>
_____	@		
_____	@		
_____	@		
_____	@		
HANDLING <u>235</u>	@	<u>2.40</u>	<u>564.00</u>
MILEAGE <u>235 x .10 x 20</u>			<u>470.00</u>
TOTAL			<u>8491.25</u>

REMARKS:

Rte on bottom, Break circulation, Plug Ret mouse, 25 sk, Pump cement 210 sk, Stop pumps, wash pump lines, Release plug, start drill, see lift, slow rate, bump plug, float held

RECEIVED

OCT 16 2009

KCC WICHITA

CHARGE TO: Redland Resources
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>5300</u>			
PUMP TRUCK CHARGE _____			<u>1400.00</u>
EXTRA FOOTAGE _____	@		
MILEAGE <u>20</u>	@	<u>7.00</u>	<u>140.00</u>
MANIFOLD <u>Head Rental</u>	@	<u>N/C</u>	
_____	@		
_____	@		
TOTAL			<u>1540.00</u>

4 1/2 PLUG & FLOAT EQUIPMENT

AFU Float Shoe	1 @	<u>198.45</u>	<u>198.45</u>
Latch Down Plug	1 @	<u>139.05</u>	<u>139.05</u>
Basket	1 @	<u>141.75</u>	<u>141.75</u>
Turbolizers	6 @	<u>36.45</u>	<u>218.70</u>
_____	@		
TOTAL			<u>697.95</u>

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.

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

PRINTED NAME DAVID HICKMAN
 SIGNATURE David Hickman

Thank You

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.

ALLIED CEMENTING CO., LLC. 34119

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

SERVICE POINT:
Medicine Lodge, KS

DATE <i>05-22-09</i>	SEC. <i>25</i>	TWP. <i>31s</i>	RANGE <i>18w</i>	CALLED OUT <i>5:30 PM</i>	ON LOCATION <i>9:00 PM</i>	JOB START <i>2:00 AM</i>	JOB FINISH <i>2:30 AM</i>
LEASE <i>Jack</i>		WELL # <i>25-11</i>		LOCATION <i>160 & Wilmore Rd, 2N, 1/2W</i>		COUNTY <i>Comanche</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)				<i>N/A</i>			

CONTRACTOR *Duke #7* OWNER *Redland Resources*

TYPE OF JOB *Surface* CEMENT

HOLE SIZE *17 1/2* T.D. *310* AMOUNT ORDERED *250 sx "A" + 3%cc + 2%gel*

CASING SIZE *13 3/8* DEPTH *290 + 19 1/2*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX *250* MINIMUM *-*

MEAS. LINE SHOE JOINT *N/A*

CEMENT LEFT IN CSG. *20'*

PERFS.

DISPLACEMENT *43 1/2 Bbls Fresh H₂O*

EQUIPMENT

PUMP TRUCK CEMENTER *D. Fazio*

372 HELPER *D. Franklin*

BULK TRUCK

364 DRIVER *D. Wright*

BULK TRUCK

DRIVER

REMARKS:

Pipe on Btm, Break Circ., Pump Spacer, Mix 250sx "A" 3%2 Cement, Start Disp. w/ Fresh H₂O, See increase in PST, Slow Rate, Stop at 43 1/2 Bbls total Disp., Shut in, Cement Did Circ.

RECEIVED

OCT 16 2009

KCC WICHITA

CHARGE TO: *Redland Resources*

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 *DAVID HICKMAN*

SIGNATURE *David Hickman*

COMMON *A 250 sx @ 15.45 3862.50*

POZMIX @

GEL *5 @ 20.80 104.00*

CHLORIDE *8 @ 58.20 465.60*

ASC @

@

@

@

@

HANDLING *250 @ 2.40 600.00*

MILEAGE *250/20/.10 500.00*

TOTAL *5532.10*

SERVICE

DEPTH OF JOB *307 290*

PUMP TRUCK CHARGE *950.00*

EXTRA FOOTAGE @

MILEAGE *20 @ 7.00 140.00*

MANIFOLD @

@

TOTAL *1090.00*

PLUG & FLOAT EQUIPMENT

None @

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES *[scribble]*

DISCOUNT *[scribble]* IF PAID IN 30 DAYS

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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.

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.



MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. BOX 106 ■ PURCELL, OKLAHOMA 73030
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/823-4493 ■ FAX 405/527-7692
■ E-MAIL: mapexpl@aol.com

GEOLOGICAL REPORT JACK 25-11 NW NE SW SECTION 25- T31S - R18W COMANCHE COUNTY, KANSAS

SUMMARY

The above captioned well was drilled to a total depth of 5,300 feet on May 30, 2009. A one-man logging unit was on location from approximately 4,000 feet to TD. The well was under the geological supervision of the undersigned from 4,200 feet to TD. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density, and Micro-log. From the data collected while drilling and analyzing, potential hydrocarbon shows were encountered in the Douglas Sandstone, the Altamont Limestone, the Pawnee Limestone, the Mississippian "Caprock", the Mississippian Limestone, and the Warsaw Dolomite. The decision was made to set production casing and complete the well in the Mississippian zones as well as the Warsaw. The Douglas, Altamont, and Pawnee intervals should be perforated before plugging the well.

DOUGLAS

The Douglas Sandstone was cut at 4,379 (-2,189) feet. Electric logs indicated a 4 foot productive zone with an average cross-plotting porosity of 17%. Samples were described as off white, clear, light grey, grey, argillaceous, very fine to fine granular, sub-round to sub angular, consolidated, and well sorted sandstone with calcite matrix and a trace of inter-granular porosity. Abundant free pyrite could be seen. A 6 drilling break was observed and the gas chromatograph registered a 180 unit kick.

ALTAMONT

The Altamont Limestone was encountered at 4,999 (-2,809) feet. Samples were described as white, off white, cream, tan, slightly sucrosic, very fine to fine inter-crystalline, argillaceous, and chalky oolitic limestone with good oomoldic porosity, as well as fragmented inter-crystalline porosity. A trace of free pyrite could be seen. Dull yellow fluorescence was observed along with a trace of dead oil stain. A 6 foot drilling break occurred with the gas chromatograph registering a slight gas kick of 26 units, 4 times greater than the background gas.

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PAWNEE LIMESTONE

The Pawnee Limestone was encountered at 5,038 (-2,848) feet. Samples were described as white, off white, cream, tan, very fine inter-crystalline, moderately hard to hard, slightly argillaceous limestone with scattered pyrite and shale. Scattered pin-point and inter-crystalline porosity could be seen. Dull yellow fluorescence and a trace of dead oil stain were observed. There was a 26 foot drilling break with the gas chromatograph registering a gas kick of 28 units. The electric logs indicated a 16 foot productive zone averaging a cross-plotting porosity of 5% and as high as 7%, with Micro log indicating good permeability through out.

MISSISSIPPIAN

The top of the Mississippian "caprock" was encountered at 5137 (-2,947) feet. The samples were described as off-white, cream, buff, tan, very fine inter-crystalline, dense, hard, brittle, slightly argillaceous limestone with traces of glauconite throughout. Milky white to opaque chert could be seen. Scattered inter-crystalline porosity was observed, along with bright yellow fluorescence and a slight trace of oil stain. A 7 foot drilling break occurred with the gas chromatograph recording a gas kick of 79 units. Electric logs indicated 4 foot porosity zone with an average cross-plotting porosity of 10%.

The Mississippian Limestone was encountered at 5,150 (-2,960) feet, with samples being described as off white, cream, tan, very fine to fine inter-crystalline, hard to moderately hard, chalky, slightly friable, very glauconitic, sucrosic, and slightly mottled. Some milky white to opaque chert was interbedded. Good inter-crystalline porosity was observed. Dull yellow whitish fluorescence, slight oil staining, very good streaming cut and fresh odor were also observed. The gas chromatograph registered an 83 unit gas kick. The electric logs indicated a 4 foot porosity zone with cross-plotting average of 12%

WARSAW DOLOMITE

The Warsaw was encountered at 5,174 (-2,984) feet. Samples were described as cream, buff, tan, very fine to fine inter-crystalline, sucrosic, glauconitic, limy and cherty in part, dolomite with good inter-crystalline and pin-point vugular porosity. Scattered bright yellow fluorescence, trace of light brown live oil stain, good streaming cut, and faint odor were observed. A 18 foot drilling break occurred. The electric logs indicated a 14 foot productive interval with average porosity of 10%.

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ELECTRIC LOG TOPS

	REDLAND JACK 25-11 NW NE SW 25-T31S-R18W	ANADARKO EMERICK B 1 C NW NE 25-T31S-R18W	WOOSLEY RAFLER 1 C SW SW 25-T31S- R18W
CHASE (Subsea)	2553 (-363)	2521 (-378)	2499 (-329)
TOP PENN (Subsea)	3438 (-1248)	3396 (-1253)	3430 (-1260)
BS. HEEBNER (Subsea)	4319 (-2129)	4283 (-2140)	4310 (-2140)
Lansing (Subsea)	4503 (-2313)	4464 (-2321)	4496 (-2321)
STARK SH. (Subsea)	4775 (-2585)	4739 (-2596)	4772 (-2602)
CHEROKEE SH. (Subsea)	5082 (-2892)	5040 (-2897)	5074 (-2904)
MISS. UNCON. (Subsea)	5137 (-2940)	5096 (-2953)	5130 (-2960)
WARSAW (Subsea)	5174 (-2984)	5120 (-2974)	4194 (-3024)

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CONCLUSION

The Jack 25-11 was drilled for the continued development of hydrocarbon production from the Mississippian Subcrop. After collecting and analyzing all the data, it was determined that the "caprock", upper limestone, and the Warsaw dolomite should be commercially productive as well as the Douglas, Altamont, and Pawnee zones. A decision was made to set production casing and attempt completion in all three zones in the Mississippian. However, before plugging of the well, the Douglas, Altamont and Pawnee should be perforated.

Respectfully submitted,



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6/01/09



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