

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31000
Name: Prater Oil & Gas Operations Inc
Address 1: 1303 N Main
Address 2: _____
City: Pratt State: KS Zip: 67124 + _____
Contact Person: Ron Prater
Phone: (620) 672-7600, cell 620-770-0856
CONTRACTOR: License # 34233
Name: Maverick Drilling, LLC
Wellsite Geologist: Scott Alberg
Purchaser: High Sierra

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Cora, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: Donald Slawson

Well Name: #Shea B OWWO

Original Comp. Date: 4/28/87 Original Total Depth: 4684
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

4/19/2011 4/27/2011 7/22/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 193-20435 · 00 · 01

Spot Description: _____
NE SW NW SW Sec. 14 Twp. 10 S. R. 31 East West
1,930 Feet from North / South Line of Section
4,660 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Thomas

Lease Name: Shea B Well #: 1-OWWO

Field Name: Triangle Northwest

Producing Formation: KS

Elevation: Ground: 2974 Kelly Bushing: 10

Total Depth: 4669 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 280 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2573 Feet

If Alternate II completion, cement circulated from: 2573
feet depth to: Surface w/ 475 60/40 POZ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: Dry Naturally

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____

County: _____ Permit #: _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]

Title: Pres. Date: 10/20/11

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: Dog Date: 11/4/11

Operator Name: Prater Oil & Gas Operations Inc Lease Name: Shea B Well #: 1-OWWO
 Sec. 14 Twp. 10 S. R. 31 East West County: Thomas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction Log, Dual Compensated Porosity Log, Microresistivity, Sonic Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Pawnee</td> <td>4424</td> <td>-1440</td> </tr> <tr> <td>KC J Zone</td> <td>4230</td> <td>-1246</td> </tr> <tr> <td>KC E</td> <td>4110</td> <td>-1126</td> </tr> </table>	Name	Top	Datum	Pawnee	4424	-1440	KC J Zone	4230	-1246	KC E	4110	-1126
Name	Top	Datum											
Pawnee	4424	-1440											
KC J Zone	4230	-1246											
KC E	4110	-1126											

CASING RECORD <input 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	24	280		195	
Production	7 7/8	5 1/2-	14	4656	Bottom DV-Surface	125, 475	OWC 60/40 POZ

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	4424-4428 BP & PKR	250 MCA 15%	
4	4230-4232 BP & PKR	250 MCA 15%	
4	4110-4112 BP & PKR	250 MCA 15%	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4535</u> Packer At: <u>None</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>7/23/2011</u>		Producing Method: <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 Bbls. <u>10</u>	Gas Mcf <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio _____ Gravity <u>37</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4424-28, 4230-32</u> <u>4110-12</u>
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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER **30452**

LOCATION **DARTY**

FOREMAN **Kevin McCoy**

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4.27.11		Shea B #1 OWWO	14	105	31W	THOMAS
CUSTOMER Pratt Oil & Gas Operations, Inc. MAILING ADDRESS 1303 N. MAIN CITY Pratt STATE KS ZIP CODE 67124			Mitterrick Datg. Rq 108			
TRUCK #	DRIVER	TRUCK #	DRIVER			
463	Mikes S.					
558	Josh G. - Corey D					
528 7127	Kelly G.					

JOB TYPE <u>Logging</u>	HOLE SIZE <u>7 7/8"</u>	HOLE DEPTH <u>4670 RB</u>	CASING SIZE & WEIGHT <u>5 1/2 14" New</u>
CASING DEPTH <u>4656</u>	DRILL PIPE	TUBING	OTHER <u>DV Tool @ 2573'</u>
SLURRY WEIGHT <u>13.8 - 12.5</u>	SLURRY VOL	WATER gal/sk <u>8 - 10.8</u>	CEMENT LEFT in CASING <u>33.92</u>
DISPLACEMENT <u>114 cu ft 63.2</u>	DISPLACEMENT PSI <u>700 PSI</u>	MIX PSI	RATE

REMARKS: Safety Meeting: Rig up to 5 1/2 Csg. Circulate w/ mud pump for 1 hr. Rig up to pump truck. Pump 12 BBL (500 gals) mud flush, 5 BBL water spacer. Mixed 125 sks DWG w/ 10% salt. 5 1/2" @ 13.8" / gal, yield 1.42. Wash out pump & lines. Shut down. Release latch down. Plug w/ 1 1/4" Flossal (50 H2O 64 mud) FINAL Pumping Pressure 700 PSI. Bump Plug to 1200 PSI. Wait 2 hrs. Release pressure. No flow back. Float & Plug Hold. Drop trap bomb. Wait 15 minutes. Operate tool @ 800 PSI. Circulate w/ mud pump for 2 hrs. Stage #1 Complete. Plug R.H. w/ 30 sks Stage #2. Pump 10 BBL water. Mixed 445 sks 60/40 Pozmix w/ 8% Gel. 1 1/4" Flossal / sk @ 12.5" / gal, yield 1.89. Wash out pump & lines. Shut down. Release closing Plug. Displace w/ 63" BBL water. Final Pumping Pressure 800 PSI. Bump Plug to 1500 PSI. DV Tool Closed. Release Pressure. No flow back. Returns to surface = 50% mud 50% cement. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 C	1	PUMP CHARGE	2850.00	2850.00
5406	10	MILEAGE	5.00	50.00
1126	125 sks	DWG	21.48	2685.00
1113 A	625 "	Kol-Seal 5" / sk	.53	331.25
1131	475 sks	60/40 Pozmix Cement	14.35	6816.25
1118.B	3270 "	Gel 8%	.24	784.80
1107	120 "	Flossal 1 1/4" / sk	2.66	319.20
	500 gals	Mud flush	1.00	500.00
5407		Tom Mikasa Bulk Delv.	MIC	410.00
4159	1	5 1/2 AFU Float shoe	413.00	413.00
4104	1	5 1/2 Cement Basket	276.00	276.00
4172	8	5 1/2 Turboliner Centralizers	72.00	576.00
4289	1	5 1/2 DV TOOL w/ Plugs (LATCH DOWN)	3850.00	3850.00
				19861.50
		RECEIVED	Less 15%	2,979.23
		OCT 24 2011	Sub Total	16,882.27
		THANK YOU	SALES TAX	1,208.26
		KCC WICHITA	ESTIMATED TOTAL	18,090.53

AUTHORIZATION Dale Chrysler TITLE _____ DATE _____
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price. A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (i) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, 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; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to confine pumping of cement plug, including dehydration of cement slurry or fishing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting data furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research, analysis, recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that COWS shall not be liable for any damage arising from the use of such information except in cases due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B pickers, and Customer agrees that COWS is not an agent or dealer for the company that manufactures such items, and further agrees that COWS shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR USE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer or credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

ALBERG PETROLEUM, LLC

W. Scott Alberg
Petroleum Geologist, Ks Lic #54
609 Meadowlark Lane
Pratt, Kansas 67124
620-388-3780

4590-1095
Butin compared to
Othly 1-ft higher

May 16, 2011

Mr. Ron Prater
Prater Oil & Gas Operations, Inc.
906 W. William Way
Pratt, Kansas 67124

Re: Shea Review, Thomas County, Kansas

Dear Mr. Prater:

Attached is a copy of sample review completed for the Shea 'B' #1 OWWO. Listed below are the potential zones of interest found after log review and sample examination.

Primary Pay Zone – 4110-4112 (F Zone)

Limestone, cream to tan-white, crystalline, scattered pieces with oolitic porosity, some vugular porosity, some light brown staining. This zone was originally tested, and should be a primary producer.

Secondary Pay Zones – 4230-4232 (J Zone)

Limestone, tan-white, fine to medium crystalline, trace of scattered pin point porosity, traces of light staining. This zone was previously tested and did recover a percentage of oil with good bottom hole pressures. The log looks tite, but this zone should be tested prior to abandonment.

4424- 4428 Pawnee

Limestone, tan, cream-white, finely crystalline, trace of scattered vugular porosity, some pin point porosity, porosity was scattered, some light brown staining near pour space. This zone was also tested and recovered a percentage of oil with decent pressures. The pressures decreased approximately 182# during the final shut in. The logs indicate this zone to be tite, but it should give up a little bit of oil. It is recommended this zone be tested prior to abandonment.

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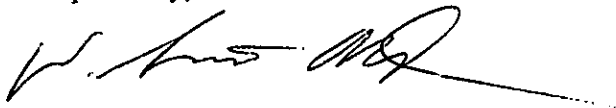
4584-4588 Johnson Lime

Limestone, cream-tan, crystalline, scattered pin point porosity, very faint staining, no heavy stain, shaley in part, some tan cherts. This zone calculates wet on the log, but it also should be tested prior to abandonment.

The zones mentioned above should be evaluated in this well for potential production.

Should you have any questions, please contact me at 620-388-3780.

Respectfully,

A handwritten signature in black ink, appearing to read 'W. Scott Alberg', with a long horizontal line extending to the right.

W. Scott Alberg

enclosure

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