

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 # 5193
Name: Barnard Oil Operations
Address 1: PO Box 535
Address 2: _____
City: Madison State: Ks Zip: 66860 + _____
Contact Person: Dick Barnard
Phone: (620) 437-6343
CONTRACTOR: License # 30567
Name: Rig 6 Drilling Co.
Wellsite Geologist: Bill Stout
Purchaser: Maclaskey Oilfield Services

Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SLOW _____
_____ 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.: _____

Spud Date or 8-27-09 Date Reached TD _____ Completion Date or
Recompletion Date 8-28-09 Recompletion Date 9-21-09

API No. 15 - 073-24117-0000
Spot Description: _____
S/2 NE NW _____ Sec. 14 Twp. 22 S. R. 11 East West
990 Feet from North / South Line of Section
1980 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Greenwood
Lease Name: McClelland Well #: B #4
Field Name: Seeley-Wick
Producing Formation: Bartlesville Sand
Elevation: Ground: 1199' Kelly Bushing: GL
Total Depth: 1959 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 40' to surface Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1959'
feet depth to: surface w/ 230

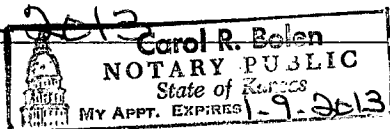
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: N/A ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

APR 2 - 17 2010 SX CRT

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: Dick Barnard
Title: Owner Date: Jan. 25, 2010
Subscribed and sworn to before me this 25th day of January,
20 10.
Notary Public: Carol R. Bolen
Date Commission Expires: 1-9-2013



KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
_____ UIC Distribution
RECEIVED
JAN 28 2010

KCC WICHITA

Operator Name: Barnard Oil Operations Lease Name: McClelland Well #: B #4
 Sec. 14 Twp. 22 S. R. 11 East West County: Greenwood

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
Production String	2 1/8"						
Long String	6 3/4	4 1/2"	10.5 lb.	1959'	Cemented to Surface	230 sks.	Cemented to surface

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
2' per shot	1873' - 1883'; 1886' - 1896'; 1898' - 1908'; 1910' - 1920'	15,000 lb. Sand Frac	Perfs.

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TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>Perfs.</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr. <u>10-7-2009</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 <u>5</u>	Oil Bbls. <u>5</u>	Gas Mcf <u>N/A</u>	Water Bbls. <u>150</u> Gas-Oil Ratio <u>38</u> Gravity <u>38</u>

DISPOSITION OF GAS: <input checked="" type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5 BOPD</u>
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RIG 6 DRILLING, CO. INC.

PO BOX # 227
IOLA, KANSAS 66749

R.K. (Bud) Sifers
(620) 365-6294

John J. Barker
(620) 365-7806

COMPANY Barnard Oil Operations
ADDRESS: Madison, KS

LEASE: McClelland
COUNTY: Greenwood
LOCATION 990'FNL/1980'FWL
Sec 14, Twshp 22, Rng 11e

COMMENCED: 8/21/2009
COMPLETED: 8/27/2009
WELL #: B-4
API#: 15-073-34117
STATUS: Oil Well
TOTAL DEPTH: 1959'-6 3/4"
CASING: 40'-8 5/8" cmt w/ 20 sx
1957'-4 1/2"
Consol. Cmt

DRILLER'S LOG

4	SOIL AND CLAY	1493	SH
5	Sandstone	1531	LS
10	Shale (SH)	1580	Sh
13	Limestone (LS)	1628	Sh w/ ls strks
35	SH	1652	Sh
39	LS	1654	Ls
172	SH w/LS Brks	1657	Sh (blk)
189	LS	1660	SH
267	SH	1665	Sh (blk)
300	LS	1750	SH
357	SH w/LS Brks	1753	LS
365	LS w/SH Brks	1756	Sh (blk)
560	SH	1847	Sh
459	LS	1855	Sa (upper light odor)
486	SH and SA SH	1867	Ls w/ sh strks
494	LS	1918	Sa (good odor)
518	Sh	1959	SH
524	Ls	1959	T.D.
556	SH		
561	Ls		
577	Sh		
604	LS		
779	Sh w/ ls brks		
906	Sa		
937	Sh w/ ls strks		
1077	Ls		
1200	Sh		
1370	Ls		

*pd
9-16-09
ck #895*

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KCC WICHITA



CONSOLIDATED
CEMENT CO. LLC

ENTERED

TICKET NUMBER 23554

LOCATION EUREKA

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
8-27-09	1642	McClelland B-4	14	22S	11E	GW
CUSTOMER BARNARD OIL Operations			Rig 6 Drig.			
MAILING ADDRESS P.O. Box 535						
CITY Madison	STATE Ks	ZIP CODE 66860				
TRUCK # DRIVER TRUCK # DRIVER						
			445	Justin	436	John G.
			479	John S		
			515	CHRIS		
			437	Jim		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1959' G.L. CASING SIZE & WEIGHT 4 1/2 10.5# NEW
 CASING DEPTH 1966' KB DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 12.8-13.5 SLURRY VOL 65 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 4.5
 DISPLACEMENT 31.6 BBL DISPLACEMENT PSI 900 PSI 1400 Bump Plug RATE

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 5 BBL Fresh water. Mixed 170 sks 60/40 Pozmix Cement w/ 6% Gel, 1/4" Pheno Seal @ 12.8#/gal, yield 1.55. Tail in w/ 60 sks Thick Set Cement w/ 5" Kol-Seal @ 13.5#/gal, yield 1.75. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 31.6 BBL Fresh water. Final Pumping Pressure 900 psi. Bump Plug to 1400 psi. wait 2 minutes. Release Pressure. Float Held. Good Cement Returns to Surface = 12 BBL Slurry (43 sks) to Pit. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	870.00	870.00
5406	30	MILEAGE	3.45	103.50
1131	170 sks	60/40 Pozmix Cement	10.70	1819.00
1118 A	880 #	Gel 6% RECEIVED	.16 #	140.80
1107 A	40 #	Pheno-Seal 1/4" /sk JAN 28 2010	1.08 #	43.20
1126 A	60 sks	Thick Set Cement KCC WICHITA	16.00	960.00
1110 A	300 #	Kol-Seal 5" /sk	.39 #	117.00
5407 A	10.60 TONS	30 miles BULK TRUCKS	1.16	368.88
5502 C	2.5 Hrs	80 BBL VAC TRUCK #436	94.00	235.00
5502 C	2.5 Hrs	80 BBL VAC TRUCK #437	94.00	235.00
1123	5500 gals	City water	14.00/1000	77.00
4404	1	4 1/2 Top Rubber Plug	43.00	43.00
			Sub Total	5012.38
			SALES TAX 6.3%	201.60
			ESTIMATED TOTAL	5213.98

Ravin 3737

THANK YOU
M
831000

AUTHORIZATION witnessed By Dick Barnard TITLE OWNER _____ DATE 8-27-09