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SEP 25 2006

KCC-WICHITA

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be TypedWELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32325
 Name: Popp Operating, Inc
 Address: PO Box 187
 City/State/Zip: Hoisington, KS 67544
 Purchaser: Semcrude, LLC
 Operator Contact Person: Rickey Popp
 Phone: (620) 786-5514
 Contractor: Name: Discovery Drilling Co., Inc.
 License: 31548
 Wellsite Geologist: Bob Stolzle

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☒ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ 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./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

8/9/06	8/18/06	9/20/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23,372-00-00
 County: Russell
 E/2 E/2 SE Sec. 36 Twp. 15 S. R. 14 ☐ East ☒ West
1320 feet from (S) / N (circle one) Line of Section
330 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SWLease Name: Michaelis "A" Well #: 1-SWDField Name: TrappProducing Formation: ArbuckleElevation: Ground: 1847' Kelly Bushing: 1855'Total Depth: 3580' Plug Back Total Depth: _____Amount of Surface Pipe Set and Cemented at 461 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1696 FeetIf Alternate II completion, cement circulated from 1696feet depth to 150' w/ 350 sx cmf.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 16,000 ppm Fluid volume 300 bblsDewatering method used evaporationLocation of fluid disposal if hauled offsite: KANSAS CORPORATION COMMISSION

Operator Name: _____

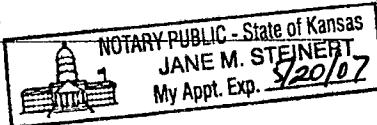
Lease Name: _____ License No.: _____

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: Rickey PoppTitle: President Date: 9/21/06Subscribed and sworn to before me this 22nd day of September20 06Notary Public: Jane M. SteinertDate Commission Expires: 9/20/07

KCC Office Use ONLY

☒ Letter of Confidentiality ReceivedIf Denied, Yes ☐ Date: _____☐ Wireline Log Received☐ Geologist Report Received☒ UIC Distribution (D-28,748)

Side Two

Operator Name: Popp Operating, Inc. Lease Name: Michaelis "A" Well #: 1-SWD
 Sec. 36 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 ☐ Yes ☒ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No
 (Submit Copy)

List All E. Logs Run:

Cement Bond Log

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Heebner	2966'	-1111
Douglas Sh	2998'	-1143
Langsing Gp	3032'	-1177
Base L-KC	3241'	-1386
Arbuckle	3277'	-1422
Regan SS	3525'	-1670
TD	3580'	-1725

CASING RECORD ☒ 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
surface csg	13-1/2"	10-3/4"	40.50	461.62'	a-servlite	250	2%gel&3%cc
production csg	9-7/8"	7"	23	3382'	econobond	125	
				D-V tool @ 1696'	a-con	350	3%cc&1/4#/sx celflake

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
	3382'-3580' open hole	1500 gal 28% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	4-1/2" SEALTITE	3364'	3368'	☐ Yes ☐ No
Date of First, Resumerd Production, SWD or Enh. upon states approval	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
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Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☒ Other (Specify) vac disposal

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Customer Popp Operating, Incorporated		Lease No.		Date 8-10-06	
Lease Michaelis "A"		Well # 1 S.W.D.			
Field Order # 13,859	Station Pratt	Casing 10 3/4"	Depth 462'	County Russell	State KS.
Type Job Surface - New Well			Formation	Legal Description 36-155-14W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 10 3/4"	Tubing Size 40.5 LB./FT.	Shots/Ft		Cement	RATE	PRESS	ISB
Depth 462'	Depth	From	To	125 sacks A-Serv. lite with 6% Gel, 3% C.C.			5 Min.
Volume 45.32 Bbl.	Volume	From	To	3.5 lb./sk. Cellflats	Max		
Max Press 200 P.S.I.	Max Press	From	To	13.57 lb./Gal. 8.21 Gal./sk., 1.61 cu. ft./sk.	Min		10 Min.
Well Completion 10 3/4" csg.	Annulus Vol.	From	To	125 sacks 60/40 Poz with 2% Gel, 3% C.C., 2.5 lb./sk. Cellflats	Avg		15 Min.
Plug Depth 452'	Packer Depth	From	To	14.72 lb./Gal. 5.71 Gal./sk., 1.25 cu. ft./sk.	HHP Used		Annulus Pressure
		From	To	44 Bbl. Fresh H ₂ O	Gas Volume		Total Load

Customer Representative Thom Alm	Station Manager David Scott	Treater Clarence R. Messick
Service Units 119	226	346
Driver Names Messick Andrews	Vonfeldt	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
2:00					Trucks on location and hold safety meeting
2:05					Discovery Drilling start to run 10 jts. 10 3/4"
					40.5 LB./FT. new casing.
4:45					Casing in well. Circulate 15 minutes
5:00	100			5	Start Fresh H ₂ O Pre-Flush
			15	5	Start mixing 125 sacks A-Serv lite cement
			50	5	Start mixing 125 sacks 60/40 Poz cement
5:10			77	4	Start Fresh H ₂ O Displacement
5:30	200		121		Stop pumping. Shut in well. Circulate 15 sks.
					Wash up pump truck cement to pit
6:00					Job Complete
					Thanks
					Clarence R. Messick & crew

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KCC WICHITA

TREATMENT REPORT

Customer POP OPER		Lease No. 1		Date 8-19-06	
Lease MICHAELIS A		Well # #15WD			
Field Order # 3246	Station PRATT, KS	Casing 7"	Depth 3382'	County RUSSELL	State KS
Type Job LONG STRING - NW			Formation TD-3580'	Legal Description 32-15-13	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative KEIK		Station Manager SCOTT		Treater GEORGEY	
Service Units	120	26	305	571	303
Driver Names	KG	COSY	ALGRAW	RAFEAL	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2130					ON LOCATION 8-18-06
					RUN 3382' 7" 23" CSG. 85 Jt.
					7" BASKET SHOE LATCH BATTLE
					DN 1 st COLLAR
					7" D.V. TOOL - #38 AT 1696'
					CENT - 1-2-3 - BOTTOM 39 - TOP 39
					BASKET - 2 - 37 - 38
					FALL 7" ON JT. #40
					BRAIL CIRC AT 3382
					DROP BALL TO SET BASKET SHOE
					AFTER 45 MIN IT WOULD
					NOT SET BUT WOULD CIRC
					TRY MOVE CASING - NO HELP
0200					DROP 3 MORE BALLS ONE
					AT A TIME - WAIT 15 MIN
	1100				PSI UP TO 1100# AND HOLD
0230	2000				TRY RAMP TRUCK TO 2000#
	1200				ON TRAIL TRY BASKET SHOE
	200				SET AT 1200# CIRC AT 200#
					NEXT PAGE

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TREATMENT REPORT

Customer	POPP OPER.		Lease No.	KCC WICHITA	
Lease	MICHAELIS 'A'		Well #	1 SWD	
Field Order #	Station	Casing	Depth	County	State
13746	PRATT, KS	7"	3382'	RUSSELL	KS
Type Job	LOW CSTRUNG - NW		Formation	TD-3580	
			Legal Description	32-15-13	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	KARL	Station Manager	SCOTTY	Treater	GORDLEY
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Service Units									
Driver Names									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					1 ST STAGE:
0300	200		12	5	PUMP 12 bbl MAINFURTH
	200		3	5	PUMP 3 bbl H ₂ O
	200		34	5	MIX 125.5K ECONOBOND
					STOP - WASH LINE - DROP PLUG
	0		0	6	START DISP W/ H ₂ O
	100		70	6	START DISP W/ MAINF
	200		110	6	LIFT CEMENT
0345	1500		131	4	PLUG DOWN - HELD
					DROP D.V. OPEN PLUG
0400	600				OPEN D.V. TOOL
					2 ND STAGE:
			160	5	MIX 350.5K A-CON CEMENT
					3% CC, 1/4 #/SK GELFLARE
					STOP - WASH LINE - DROP PLUG
0500	0		0	5	START DISP W/ H ₂ O
	200		30	5	LIFT PSI
0600	1500		66 1/2	3	PLUG DOWN - D.V. CLOSED
					DID NOT CIRC CEMENT
					PLUG RHT & MAH. 25SK 60/40 PZ
0700					JOB COMPLETE
					THANKS - KEVIN

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