

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

ORIGINAL

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34110
Name: Teton North America LLC
Address 1: 600 17th St. Suite 1600
Address 2: _____
City: Denver State: CO Zip: 80202 + _____
Contact Person: Steve Godfrey
Phone: (303) 565-4600
CONTRACTOR: License # 5142
Name: Sterling Drilling Company
Wellsite Geologist: Bruce Ard
Purchaser: Plains Marketing, LP
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.: _____
9/15/08 9/25/08 10/20/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-25262-00-00
Spot Description: _____
SE _____ NE _____ NW _____ Sec. 20 Twp. 17 S. R. 13 ☐ East ☒ West
1005 Feet from ☒ North / ☐ South Line of Section
2120 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☒ NW ☐ SE ☐ SW
County: Barton
Lease Name: Hoffman Ranch Well #: 21-20
Field Name: Hoisington Northwest
Producing Formation: Arbuckle-LKC
Elevation: Ground: 1929 Kelly Bushing: 1938
Total Depth: 3550 Plug Back Total Depth: 3495
Amount of Surface Pipe Set and Cemented at: 896 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/ _____

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

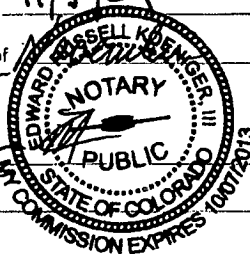
Chloride content: 70000 ppm Fluid volume: 1000 bbls
Dewatering method used: Evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: N/A
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

Alt 1 - Dig - 11/12/09

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: Steve Godfrey
Title: VP - OPS Date: 11/5/09
Subscribed and sworn to before me this 5th day of _____
20 09
Notary Public: Edward Russell Koeniger III
Date Commission Expires: _____



KCC Office Use ONLY

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

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WICHITA, KS

Operator Name: Teton North America LLC

Lease Name: Hoffman Ranch

Well #: 21-20

Sec. 20 Twp. 17 S. R. 13 East ☐ West ☒

County: Barton

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:

DIL-POR-SON-MEL-Bond

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

Name	Top	Datum
Chase	1740	+198
Tarkio	2641	-703
Topeka	2858	-920
Toronto	3113	-1175
Lansing	3191	-1253
Arbuckle	3405	-1467

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	12-1/4	8-5/8	23	896	Common	425	2%gel 3%CC
Production	7-7/8	5-1/2	15.5	3528	Class A	175	10% salt

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
4	3432-38	Acid with 250 gal 20% mud acid	3432-38

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2-3/8	3467	none	☐ Yes ☐ No

Date of First, Resumed Production, SWD or Enhr. 10/20/08			Producing Method:					
			☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	9		0		15			40

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)	

QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2084

Job No.	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2084-08							10/15/11
Hoffman		Well No. 21-20		Location Susank 55 3/4 W Barton County		State KS	
For Sterling Drilling Co. Inc.				Owner 1145			
Production Sterling				To Quality Oilwell Cementing, Inc.			
7 7/8 T.D. 3550				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed			
5 1/2 Depth 3527				Charge To Teton North America LLC			
Depth				Street			
Depth				City State			
Depth				The above was done to satisfaction and supervision of owner agent or contractor			
Left in Csg. 23				Shoe Joint 23'			
Minimum							
Displace 15.5 #							
				CEMENT 500 gal mud Clear 48			
EQUIPMENT				Amount Ordered 175 Class A 10% salt			
No.	Cement	Brandon		Consisting of			
No.	Helper	Blake		Common 175 @ 13.10			
No.	Driver	Dave		Poz. Mix			
No.	Driver			Gel.			
JOB SERVICES & REMARKS				Chloride			
Charge Production Sterling 1700.00				Hulls			
4.6 @ 7.00				Salt 32 @ 11.25			
Total				Flowseal			
				Mud Clear 48 500 gal @ 1.00			
Plug Rod hole 15				Sales Tax			
Basket on #2				Handling 207 @ 2.10			
Centralizers on 4, 6, 8, 10, 12				Mileage 9¢ per mile per mile			
				Sub Total			
Total @ 350.4				Total			
Pumped 500 BBI				Floating Equipment & Plugs Latch Down plug 425.00			
Flash Follow w/				Squeeze Manifold AFV Float Shoe 450.00			
Cement Shut in Clear				Rotating Head 10 Baskets 175.00			
was Released plug				5 centralizers 250.00			
Pumped displacement							
Latched plug @ 1300 PSI							
Float Hold							
K. J. Clark				Thanks			

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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2036

Date	9-16-08	Sec.	20	Twp.	17	Range	13	Called Out		On Location		Job Start		Finish	
Lease	Hoffman Ranch	Well No.	2120	Location					County		State				
Contractor								Owner							
Type Job								To Quality Oilwell Cementing, Inc.							
Hole Size								You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Csg.								Charge To							
Tbg. Size								Street							
Drill Pipe								City							
Tool								State							
Cement Left in Csg.								The above was done to satisfaction and supervision of owner agent or contractor.							
Press Max.															
Meas Line															
Perf.															
EQUIPMENT								CEMENT							
Pumptrk								Amount Ordered							
Bulktrk								Consisting of							
Bulktrk								Common							
Bulktrk								Poz. Mix							
JOB SERVICES & REMARKS								Gel.							
Pumptrk Charge								Chloride							
Mileage								Hulls							
Footage								Salt							
Total								Flowseal							
Remarks:															
Sales Tax															
Handling															
Mileage															
Sub Total															
Total															
Floating Equipment & Plugs															
Squeeze Manifold															
Rotating Head															
Circulated to Pit															
Signature															
Tax															
Discount															
Total Charge															

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