

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30555
Name: John Herrick
Address: 3553 Oregon
City/State/Zip: Ottawa, KS 66067
Purchaser: CMT
Operator Contact Person: John Herrick
Phone: (785) 242-6423
Contractor: Name: Hughes Drilling
License: 5682
Wellsite Geologist: none
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. _____
6/5/06 6/6/06 8/20/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 121 281 91 0000
County: Miami
SE - SE SE NE Sec. 30 Twp. 17 S. R. 22 East ☒ West
2987 feet from (S) N (circle one) Line of Section
347 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Lowe Well #: 8A
Field Name: Paola-Rantoul
Producing Formation: Peru Sand
Elevation: Ground: n/a Kelly Bushing: n/a
Total Depth: 470 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 463
feet depth to 0 w/ 47 sx cmt.
Alt 2-DG-11-18-08

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content n/a ppm Fluid volume n/a 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.: _____

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: [Signature]

Title: Partner

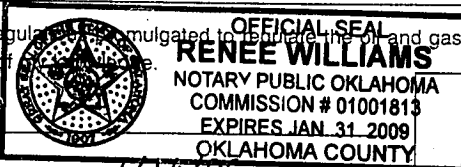
Date: 7/14/06

Subscribed and sworn to before me this 14 day of July

20 06

Notary Public: Renee Williams

Date Commission Expires: 1-31-09



KCC Office Use ONLY

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

RECEIVED

AUG 14 2006

KCC WICHITA

Operator Name: John Herrick Lease Name: Low Well #: 8A
 Sec. 30 Twp. 17 S. R. 22 ☒ East ☐ West County: Miami

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:

gamma ray/neutron

☒ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 Base of Hertha 269
 Peru Sand 405-424
 TD 470

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	8 1/2"	7"		20	portland	7	
production	6 5/8"	2 7/8"		463	50/50 poz	463	

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
2	401-422	spot acid on the perforations	
		and breakdown with 250 gallons	
		of acid	

TUBING RECORD		Size	Set At	Packer At	Liner Run
none					☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method			
waiting on KCC approval		☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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) _____

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KCC WICHITA

HUGHES DRILLING REPORT

John Herrick

SET IN PIPE

PERMANENT CSG.

TUBING

Job No. **8A** Size **7"** (Circ) Size **7 1/2"** Size **7 1/2"**
 Firm **Low** Feet **20 40** Feet **20 40** Feet **20 40**
 Water Streak @ Cond. **good** Cond. **good** Cond. **good**
 Water Level @ Top Sand T. D. at Completion **470'**
 Approved _____ Contractor **HUGHES DRILLING CO.**
 Superintendent _____

S 30, T 17, R 22e

2987-F5L

347 FEL

FORMATION DRILLED

API # 15-121-28191

STRATA THICKNESS	FORMATION DRILLED	T. D.
23	Clay	23
53	Shale	76
17	Lime	93
29	Shale	122
5	Lime	127
41	Shale	168
14	Lime	182
12	Shale	194
30'	27 Lime	221
8	Shale	229
20'	23 Lime	252
4	Shale	256
5	Lime	261
2	Shale	263
"Hortia" 6	Lime	269
129	Shale	398
2	Red Bed	400
1	Shale	401
1	Brk Sand	402
3	Sdy Shale	405
"Peru" 19	Sand	424
2	Shale	426
16	Lime	442
28	Shale	470
	TD	

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
5/26		0	23	Clay	① 22.0-22.0
20'		23	76	Shale	② 22.5-44.5
6/6		76	93	Lime	③ 22.5-67.0
30'		93	122	Shale	④ 22.5-89.5
		122	127	Lime	⑤ 22.5-112.0
		127	168	Shale (Red Bed 144-149)	⑥ 22.5-134.5
		168	182	Lime	⑦ 22.5-157.0
		182	194	Shale	⑧ 22.5-179.5
30'		194	221	Lime	⑨ 22.5-202.0
		221	229	Shale	⑩ 22.5-224.5
20'		229	252	Lime	⑪ 22.5-247.0
		252	256	Shale (Slate 255-256)	⑫ 22.5-269.5
		256	261	Lime	⑬ 22.5-292.0
		261	263	Shale	⑭ 22.5-314.5
"Hortia"		263	269	Lime	⑮ 22.5-337.0
		269	398	Shale (Brk 272-275) (Sdy 372-376)	⑯ 22.5-359.5
		398	400	Red Bed	⑰ 22.5-382.0
		400	401	Shale	⑱ 22.5-404.5
		401	402	Brk. Sand (oil show)	⑲ 22.5-427.0
		402	405	Sdy Shale Lime Break 404	⑳ 22.5-449.5
"Peru"		405	424	Sand (Remarks pg. 2)	
		424	426	Shale	
		426	442	Lime	
		442	470	Shale	
			TD		

Set 463.35' of 2 7/8" End upset pipe
 used 3 centralizers
 Float shoe on bottom

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AUG 14 1956

KCC WICHITA

6/6/66 - Set 20.40' of 7" surface pipe
 Circulated 7 sacks cement to surface

CONSOLIDATED OIL WELL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER **4260**
LOCATION Ottawa
FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-6-06	0534	Howe 8-A	30	17	22	Mi
CUSTOMER <u>John Herrick</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>3553 Oregon Rd</u>			<u>386</u>	<u>Ala Mader</u>		
CITY <u>Ottawa</u>	STATE <u>KS</u>	ZIP CODE <u>66067</u>	<u>164</u>	<u>Red Bus</u>		
			<u>369</u>	<u>Cas Ken</u>		
			<u>195</u>	<u>Ken Ham</u>		

JOB TYPE Long string HOLE SIZE 5 5/8 HOLE DEPTH 470 CASING SIZE & WEIGHT 2 1/8
CASING DEPTH 463 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 2.7 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Established circulation. Mixed & pumped 150# gel to condition hole, followed by 5661 water. Mixed & pumped 47 sx, 50/50 poz, 2% gel. Circulated cement to surface. Flushed pump clean. Pumped 2 1/2 plug to casing TD. Well held 800 PSI for 30 min MIT. Closed valve.

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1164	800.00
5406	20	MILEAGE pump		63.00
5402	463	casing footage		111
5407	min	ten miles		275.00
5502C	2 1/2	80 vac		225.00
11183	245	premium gel		34.16
1124	46	50/50 poz		407.10
4402	1	2 1/2 rubber plug		18.00
			546	1822.26
		RECEIVED		
		AUG 14 2006		
		KCC WICHITA	6.55	30.09
			SALES TAX	
			ESTIMATED	
			TOTAL	1852.35

AUTHORIZATION _____

TITLE WD# 206060

DATE _____