

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. _____
6/6/06 6/7/06 8/2/06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121 281890000
County: Miami
SW SE NE Sec. 30 Twp. 17 S. R. 22 ☒ East ☐ West
2987 feet from (S) N (circle one) Line of Section
1077 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 #: 6A
Field Name: Paola-Rantoul
Producing Formation: Peru Sand
Elevation: Ground: n/a Kelly Bushing: n/a
Total Depth: 475 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: 470
feet depth to 0 w/ 72 112-D-8 11-19-08 ^{sx cmt.}

Drilling Fluid Management Plan

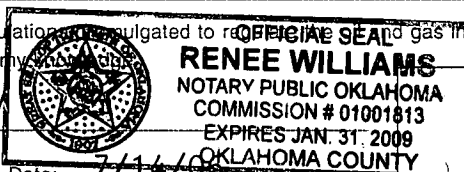
(Data must be collected from the Reserve Pit)

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

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: Lowe Well #: 6A
 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 290
 Peru Sand 426-445
 TD 475

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"		470	50/50 poz	72	sacks

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	426-445	spot acid on the perforations and breakdown formation with 250 gallons of acid	

TUBING RECORD	Size	Set At	Packer At	Liner Run
none				☐ Yes ☒ No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
waitning 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)

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

TICKET NUMBER 4286
LOCATION Ottawa KS
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-8-06	3776	Lowe # 6A	30	17	22	mi
CUSTOMER Robert Harwell						
MAILING ADDRESS 2801 NW Expy Ste 132						
CITY Oklahoma City	STATE OK	ZIP CODE 73112				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			506	Fred		
			164	Rick		
			195	New Hay		
			369	Martinez		

JOB TYPE long string HOLE SIZE 5 5/8 HOLE DEPTH 475' CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 470' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2 plug
DISPLACEMENT 2.7 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish Circulation. Mix & Pump 100# Premium Gel
Flush. Mix & Pump 72 SKS 50/50 Por Mix Cement w/ 2% Gel.
Cement to Surface. Flush pump & lines clean. Displace
2 1/2" rubber plug to casing TD w/ 2.7 BBLs Fresh Water
Pressure to 850# PSI. & Hold for 30 minutes for MIT.
Shut in casing.

Hughes Drilling

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE <u>Cement Pump</u>	164	800 ⁰⁰
5406	-0-	MILEAGE <u>Pump Truck</u>	164	164 ⁰⁰
5407A	1/2 minimum.	<u>Ton Mileage.</u>	175	137 ⁵⁰
5502C	2 hrs	<u>80 BBL Vac Truck</u>	369	180 ⁰⁰
1124	71 SKS	<u>50/50 Por Mix Cement</u>		626.35
1118B	240#	<u>Premium Gel</u>		33.60
4402	1	<u>2 1/2" rubber plug</u>		18.00
KCC WICHITA				
Sub Total				1797.95
Tax @ 6.55%				44.54
SALES TAX				
ESTIMATED TOTAL				1841.99

AUTHORIZATION _____

TITLE WO# 206076

DATE _____

HUGHES DRILLING REPORT

- John Herrick

SET IN PIPE

PERMANENT CSG.

TUBING

Well No. #6 A Size 7" (Circ) Size 6 5/8" Size 6 5/8"
 Farm Lowie Feet 20.45' Feet 658' Feet 658'
 Water Streak @ Cond. good Cond. Cond. Cond. Cond.
 Water Level @ Top Sand T. D. at Completion 475'
 Approved Superintendent Contractor HUGHES DRILLING CO.

S. 30, T. 17 S., R. 22
 2987 - FSL
 1077 FEL
 FORMATION DRILLED
 API # 15-131-28189

STRATA THICKNESS	FORMATION DRILLED	
7	clay	7
91	shale	91
19	Lime	11
24	Shale	14
7	Lime	14
41	shale	18
14	Lime	20
11	Shale	24
27	Lime	24
7	Shale	24
22	Lime	27
5	shale	27
5	Lime	28
2	shale	28
8	Lime	29
176	shale	416
2	Red Bed	418
1	Shale	41
2	sand	42
5	shy shale	42
19	sand	44
1	shale	44
14	Lime	46
12	shale	47
		TD

DATE	HOURS OF TOUR	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
		FROM	TO		
6/6/06		0	7	Clay + Sand stone	① 21.5-21.5
20'		7	98	shale	② 22.5-44.0
6/7		98	117	Lime	③ 22.5-66.5
5 5/8" Button Bit		117	141	shale	④ 22.5-89.0
		141	148	Lime	⑤ 22.5-111.5
		148	189	shale	⑥ 22.5-134.0
		189	203	Lime	⑦ 22.5-156.5
		203	214	Shale	⑧ 22.5-179.0
30'		214	241	Lime	⑨ 22.5-201.5
		241	248	Shale	⑩ 22.5-224.0
70'		248	270	Lime	⑪ 22.5-246.5
		270	275	shale (slate 274-275)	⑫ 22.5-269.0
		275	280	Lime	⑬ 22.5-291.5
		280	282	shale	⑭ 22.5-314.0
Herrick		282	290	Lime	⑮ 22.5-337.0
315' Trip		290	416	shale	⑯ 22.5-359.5
294'		416	418	Red Bed	⑰ 22.5-382.0
242'		418	419	shale	⑱ 22.5-404.5
316'		419	421	sand	⑲ 22.5-427.0
		421	426	shy shale	⑳ 22.5-449.5
Peru		426	445	sand (remains pg. 2)	㉑ 22.5-472.0
317' Trip		445	446	shale	
131'		446	460	Lime	
107' Trip		460	475	shale	
8A			TD		

RECEIVED

AUG 11 '95

KCC WICHITA

6/7/06 - Set 469.85' of 2 7/8" 8' up set pipe
 used 3 centralizers
 Flat shoe on bottom

6/6/06 - Set 20.45' of 7" surface pipe
 circulated 6 sacks cement to surface