

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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: 225 Megan Lane  
City/State/Zip: Ottawa, KS 66067  
Purchaser: Crude Marketing  
Operator Contact Person: John Herrick  
Phone: (785) 242 6423  
Contractor: Name Glaze Drilling Co.  
License: 5885  
Wellsite Geologist: none  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_  
5/2/04 5/3/04 5/4/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

**RECEIVED**  
**JUN 01 2004**  
**KCC WICHITA**

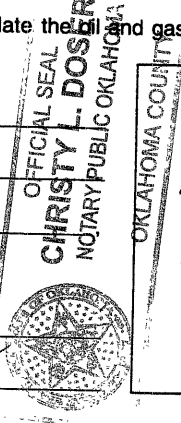
API No. 15 - 121-27814-00-00  
County: Miami  
NW - SE - NE Sec. 30 Twp. 17 S. R. 22  East  West  
3950 feet from (S) N (circle one) Line of Section  
1340 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Lowe Well #: 3A  
Field Name: Unknown  
Producing Formation: Peru  
Elevation: Ground: n/a Kelly Bushing: n/a  
Total Depth: 420 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 \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** ALT #2 KJR 6/8/07  
(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: 5/18/04  
Subscribed and sworn to before me this 18th day of May  
~~2004~~ Christy Doss  
Notary Public  
Date Commission Expires: 5/1/05 #01023101



**KCC Office Use ONLY**  
NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: John Herrick Lease Name: Low Well #: 3A  
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <p style="text-align: center;">Gamma ray/neutron</p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample Name Top Datum  Base of Hertha 226 Peru Sand 361-392 TD 420
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	# Sacjs Used	Type and Percent Additives
surface	6 5/8	6 1/4		20 ft.	portland	5	
production	6 1/4	2 3/8		415	50/50 poz	66	

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 <i>(Amount and Kind of Material Used)</i>	Depth
2	362-380	spot acid on perforations and breakdown formation with 250 gallons of acid (15%)	
	Waiting on KCC approval for injection		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Waiting on KCC Approval					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

**ORIGINAL**

**R.S GLAZE DRILLING COMPANY**

22139S. VICTORY RD.  
SPRING HILL, KS. 66083  
PHONE: (913) 592-2033  
EMAIL: GLAZEDRILLING2AOL.COM

WELL LOG

LOWE 3 A

30	SURFACE	30	
5	SHALE	35	
17	LIME	52	
24	SHALE	76	
7	LIME	83	
2	SHALE	85	
1	RED BED	86	
38	SHALE	124	
15	LIME	139	
9	SHALE	148	
27	LIME	175	WINTER SET
2	SHALE	177	
1	BLK SLATE	178	
5	SHALE	183	
26	LIME	209	
2	SHALE	211	
2	BLK SLATE	213	BETHANY FALLS
4	LIME	217	
4	SHALE	221	
5	LIME	226	HERTHA
131	SHALE	357	
2	RED BED	359	
2	SDY SHALE	361	
1	SAND	362	BROWN SHOW
4	SDY LIME	366	WHITE AND BROWN
14	SAND	380	SHALEY, SOME BROWN SHOW
12	LIME	392	WHITE
28	SHALE	420	T.D.

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**KCC WICHITA**

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ORIGINAL  
TICKET NUMBER 31626

JUN 01 2004

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

LOCATION Ottawa  
FOREMAN Bill Zabel

KCC WICHITA

TREATMENT REPORT

DATE 5-04-04	CUSTOMER # 3554	WELL NAME LOWE #3A	FORMATION
SECTION 30	TOWNSHIP 17	RANGE 12	COUNTY MI
CUSTOMER John Herrick			
MAILING ADDRESS 225 Megan Lane			
CITY Ottawa			
STATE Ks		ZIP CODE 66067	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
122	Steve M		
369	Harold K		
368	Rick A		
372	Bill Z		

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISP. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

WELL DATA

HOLE SIZE 6"	PACKER DEPTH
TOTAL DEPTH 420'	PERFORATIONS
	SHOTS/FT
CASING SIZE 2 3/4"	OPEN HOLE
CASING DEPTH 415'	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

Established Circulation Mixed + Pumped 2 sk Gel Followed By SBBL  
 INSTRUCTION PRIOR TO JOB Clean water Mixed + Pumped to base 50/50 Puz 2% Gel  
 circulated cement to surface. Flushed Pump + Pumped 2" Rubber plug to  
 TD. Well Held 800psi For MIT 30 min. 11:00 AM to 11:30 AM. shut in well.

AUTHORIZATION TO PROCEED

TITLE

DATE

5-4-04

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
						350 PSI	MIX PRESSURE
							MIN PRESSURE
						800 PSI	ISIP
						500 PSI	15 MIN.
						41 BPM	MAX RATE
							MIN RATE
						800 PSI	30 min.

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							BREAKDOWN PRESSURE
							DISPLACEMENT
						350 PSI	MIX PRESSURE
							MIN PRESSURE
						800 PSI	ISIP
						500 PSI	15 MIN.
						4 BPM	MAX RATE
							MIN RATE
						800 PSI	30 min.