

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

ORIGINAL

Operator: License # 30555 **RECEIVED**
Name: John Herrick
Address: 225 Megan Lane **JUN 01 2004**
City/State/Zip: Ottawa, KS 66067 **KCC WICHITA**
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 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. _____
4/24/04 4/26/04 4/26/04
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-27815-00-00
County: Miami
NE- SW NE Sec. 30 Twp. 17 S. R. 22 East West
3930 feet from (S) N (circle one) Line of Section
1680 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 #: 4A
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 KGR 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
Notary Public: [Signature]
Date Commission Expires: 5/18/05 #01020301

OFFICIAL SEAL
CHRISTY L. DICKER
NOTARY PUBLIC OKLAHOMA
OKLAHOMA COUNTY

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

X

Operator Name: John Herrick Lease Name: Low Well #: 4A
 Sec. 30 Twp. 17 S. 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 the Hertha		205
Peru Sand		338=359
TD		420

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		418	50/50 poz	86	

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 (Amount and Kind of Material Used)	Depth
2	342-358	spot acid on perforations and breakdown 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
Waiting On KCC Approval	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

ORIGINAL

ORIGINAL

R.S GLAZE DRILLING COMPANY

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

WELL LOG

LOWE 4 A

21	SURFACE	21
7	LIME	28
10	SHALE	38
1	LIME	39
11	SHALE	50
2	LIME	52
1	SHALE	53
10	LIME	63
38	SHALE	101
18	LIME	119
4	SHALE	123
17	LIME	140
1	SHALE	141
17	LIME	158
3	SHALE DRK	161
4	LIME	165
2	SHALE	167
23	LIME	190
3	SHALE DRK	193
3	LIME	196
4	SHALE	200
5	LIME	205
20	SHALE	225
15	SHALE SDY	240
98	SHALE	338
14	SAND	353
1	SHALE	354
1	LIME	355
4	SAND	359
2	LIME	363
58	SHALE	420

SHOW

LIMEY

T.D.

RECEIVED
JUN 01 2004
KCC WICHITA

ORIGINAL

ORIGINAL

R.S GLAZE DRILLING COMPANY

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

WELL LOG

LOWE 4 A

21	SURFACE	21	
7	LIME	28	
10	SHALE	38	
1	LIME	39	
11	SHALE	50	
2	LIME	52	
1	SHALE	53	
10	LIME	63	
38	SHALE	101	
18	LIME	119	
4	SHALE	123	
17	LIME	140	
1	SHALE	141	
17	LIME	158	
3	SHALE DRK	161	
4	LIME	165	
2	SHALE	167	
23	LIME	190	
3	SHALE DRK	193	
3	LIME	196	
4	SHALE	200	
5	LIME	205	
20	SHALE	225	
15	SHALE SDY	240	
98	SHALE	338	
14	SAND	353	SHOW
1	SHALE	354	
1	LIME	355	
4	SAND	359	LIMEY
2	LIME	363	
58	SHALE	420	T.D.

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

ORIGINAL
 TICKET NUMBER 31615

LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

DATE 4-26-04	CUSTOMER # 3554	WELL NAME Love 4-A	FORMATION
SECTION 30	TOWNSHIP 17	RANGE 12	COUNTY M.
CUSTOMER John Herrick			
MAILING ADDRESS 225 Megan Lane			
CITY Ottawa			
STATE KS		ZIP CODE 66067	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
389	A Mader		
369	B Zabel		
329	R Arb		
122	S Mans		

WELL DATA

HOLE SIZE 6 7/8	PACKER DEPTH
TOTAL DEPTH 420	PERFORATIONS
	SHOTS/FT
CASING SIZE 2 3/8 EUE	OPEN HOLE
CASING DEPTH 418	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

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 checked="" 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"/>

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Established circulation. Mixed & pumped 2 sec gel to flush hole followed by 5 bbl water. Mixed & pumped 86 sy 50/50 proz. 290 gal. Circulated cement. Pumped 2" plug to TD. Well held 850 PSI

AUTHORIZATION TO PROCEED

TITLE

DATE

TIME AM/PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
						300	DISPLACEMENT
						500	MIX PRESSURE
							MIN PRESSURE
						850 PSI	ISIP
			2:40 - 3:10			850 PSI	30 min MAT
						4 1/2 RPM	MAX RATE
							MIN RATE

Alan Mader

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

TICKET NUMBER **31616**

LOCATION Ottawa
 FOREMAN Alan Mader

TREATMENT REPORT

ORIGINAL

DATE 4-26-04	CUSTOMER # 3554	WELL NAME Loam 4-A	FORMATION
SECTION 30	TOWNSHIP 17	RANGE 12	COUNTY M.
CUSTOMER John Herrick			
MAILING ADDRESS 225 Megan Lane			
CITY Ottawa			
STATE KS		ZIP CODE 66067	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
389	A Mader		
969	B Zabel		
309	R A B		
122	S Mans		

WELL DATA	
HOLE SIZE 6 7/8	PACKER DEPTH
TOTAL DEPTH 420	PERFORATIONS
	SHOTS/FT
CASING SIZE 2 3/8 EUE	OPEN HOLE
CASING DEPTH 418	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

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 checked="" 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"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Established circulation. Mixed & pumped 2 bbl gel to flush hole followed by 5 bbl water. Mixed & pumped 8 bbl 50/100 #02 270 gel. Circulated cement. Pumped 2" plug to 70. Well held 850 PSI

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

TIME AM/PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
						300	DISPLACEMENT
						500	MIX PRESSURE
							MIN PRESSURE
						350 PSI	ISIP
				2.40 - 3.10		950 PSI	30 min MAT
						4 1/2 bpm	MAX RATE
							MIN RATE
Alan Mader							