

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 6039
Name: L. D. DRILLING, INC.
Address: 7 SW 26 AVE.
City/State/Zip: GREAT BEND, KANSAS 67530
Purchaser: NCRA
Operator Contact Person: L. D. DAVIS
Phone: (620) 793-3051
Contractor: Name: VAL ENERGY, INC.
License: 5822
Wellsite Geologist: JIM MUSGROVE

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APR 04 2005

KCC WICHITA

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. _____

<u>1/11/05</u>	<u>1/16/05</u>	<u>1/24/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 053-21131-00-00

County: ELLSWORTH

¹⁰⁷E N/2 S/2 SE Sec. 30 Twp. 17 S. R. 10 East West
990 feet from (S) N (circle one) Line of Section
1212 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: HICKEL Well #: 8

Field Name: BLOOMER

Producing Formation: ARBUCKLE

Elevation: Ground: 1799' Kelly Bushing: 1809'

Total Depth: 3300' Plug Back Total Depth: ~~3285'~~

Amount of Surface Pipe Set and Cemented at 356 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

(Data must be collected from the Reserve Pit)

AH 1 NCR 7-18-08

Chloride content _____ ppm Fluid volume _____ 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: Jessie Newkirk

Title: SECRETARY/TREASURER Date: MARCH 31, 2005

Subscribed and sworn to before me this 1 day of April,
2005.

Notary Public: Rashell Patten
Rashell Patten

Date Commission Expires: 2-2-07

KCC Office Use ONLY

NO Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

NOTARY PUBLIC - STATE OF KANSAS
Rashell Patten
MY APPT. EXP. 2-2-07

X

Operator Name: L. D. DRILLING, INC. Lease Name: HICKEL Well #: 8
 Sec. 30 Twp. 17 S. R. 10 East West County: ELLSWORTH

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:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHMENT

CASING RECORD <input checked="" 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	# Sacks Used	Type and Percent Additives
SURFACE NEW	12 1/4"	8 5/8"	23#	356'	60/40 POZMIX	310	2% GEL 3% CC 1/4# CELL FLAKE
PRODUCTION	7 7/8"	4 1/2"		3288'	AA2	125	
					and POZMIX	25	

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

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TUBING RECORD	Size 2 3/8"	Set At 3296'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 1-24-05	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 70	Gas Mcf	Water Bbls. 112	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

METHOD OF COMPLETION

Production Interval

DAILY DRILLING REPORT

ORIGINAL

OPERATOR: L.D. DRILLING, INC. LEASE: Hickel #8
 N/2 S/2 SE Sec 30-17-10 W
 WELLSITE GEOLOGIST: Jim Musgrove Ellsworth County, Kansas
 CONTRACTOR: Val Energy, Inc. ELEVATION: GR: 1799
 KB: 1809
 SPUD: 1/11/05 5:45 A.M. PTD: 3325' raised 2 feet
 SURFACE: Ran 11 jts 8 5/8" Tally @ 343, set @ 356', w/ 310 sx 60/40 Pozmix 2% Gel
 3% Cal, 1/4 Cell flake, Did Circulate, Plug Down 3:00 P.M., by Acid Service

1/10/05 Move in and Rig Up
 1/11/05 200' WOC
 1/12/05 675' Drilling
 1/13/05 2250' Drilling
 1/14/05 2988' Drilling
 1/15/05
 1/16/05 3300' RTD
 Ran 81 jts new 4 1/2" Casing, set @ 3289
 w/ Packer Shoe, 150 sx cement
 15 sx in Rathole, 10 sx in Mouse Hole
 Job Done 9:45 p.m. 1-16-05
 WOCT

SAMPLE TOPS:
 Heebner 2860 -1051
 Brown Lime 2974 -1165
 Lansing 2988 -1179
 3 to 20' low to other wells

Not Here Yet

DST #1 3846 - 3291' (Mis-Run) Arbuckle

TIMES: 15-15-15-15
 BLOW: 1st Open: Weak (died 15 min)
 2nd Open: No Blow
 RECOVERY: 20' DM
 IFP: ISIP: Invalid Pressures
 FFP: FSIP:
 TEMP:

DST #2 3246 - 3300' Arbuckle

TIMES: 30-30-45-45
 BLOW: 1st Open: strong bb - 1 min
 2nd Open: strong bb - 2 min
 RECOVERY: 1750' cgo, 10%gas, 90%oil, 37%gr
 380' gcmo, 10%gas, 35% mud, 55% oil
 120' slwcmo, 10%w, 40% mud, 50%oil,
 Total fluid 2250'
 IFP: 27 - 590' ISIP: 1067
 FFP: 599 - 854 FSIP: 1086
 TEMP: 109 degrees

DST #3

TIMES:
 BLOW: 1st Open:
 2nd Open:
 RECOVERY:
 IFP: ISIP:
 FFP: FSIP:
 TEMP:

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ORIGINAL TREATMENT REPORT

Customer ID		Date	
Customer <i>L.D. DRAVINE</i>		<i>1-16-05</i>	
Lease <i>HICKEL</i>		Lease No.	Well # <i>8</i>
Field Order # <i>4588</i>	Station <i>PRATT, KS</i>	Casing <i>4 1/2</i>	Depth <i>3288</i>
Type Job <i>CONCRETE - NW</i>		County <i>LEWIS & CLARK</i>	State <i>KS</i>
Formation <i>11D-3300'</i>		Legal Description <i>30-17-10</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>3288</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative *L.D.* Station Manager *HAURY* Treater *GORSLEY*

Service Units	<i>120</i>	<i>26</i>	<i>46</i>	<i>71</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1630</i>					<i>ON LOCATION</i>
					<i>RECEIVED APR 04 2005 KCC WICHITA</i>
					<i>RUN 3307 4 1/2 CSG. PACKER SET (HOWCO), L.D. BAFFA (GWT) - 2-4-6-8-10-12-14 TAG BOTTOM - DROP PULL - CIRC. DROP BIG PULL - SET PER STORE</i>
<i>2100</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>PUMP 5 bbl H₂O</i>
	<i>250</i>		<i>12</i>	<i>5</i>	<i>PUMP 12 bbl MUD FLUSH</i>
	<i>250</i>		<i>5</i>	<i>5</i>	<i>PUMP 5 bbl H₂O</i>
	<i>250</i>		<i>32</i>	<i>5</i>	<i>MIX 125 SK HAZ</i>
					<i>10% SPT, 5 #/in GIBSONITE, 1/4% CF 8/10% FUA-322 3/4% GAS BLOC</i>
					<i>STOP - WAIT LONG - DROP PULL</i>
	<i>0</i>		<i>0</i>	<i>6 1/2</i>	<i>START DROP</i>
	<i>200</i>		<i>35</i>	<i>6 1/2</i>	<i>LEFT CEMENT</i>
	<i>500</i>		<i>45</i>	<i>4</i>	<i>SLOW RATE</i>
<i>2130</i>	<i>1500</i>		<i>52</i>	<i>4</i>	<i>PULL DOWN - HOLD</i>
					<i>PULL RH & WH</i>
<i>2230</i>					<i>JOB COMPLETE - THANKS - KEVIN</i>

TREATMENT REPORT



Customer ID		Date	
Customer L.O. Delg		1-11-05	
Lease HICKEL	Lease No.	Well # 8	
Field Order # 9185	Station PRATT	Casing 2 7/8	Depth 356'
		County ELLWORTH	State KS
Type Job 2 7/8 SURFACE NEW WELL		Formation TD: 361'	Legal Description 30-175-10W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 2 7/8	Tubing Size	Shots/Ft		Acid 310 SKs 60/40 Poz	RATE	PRESS	ISIP	
Depth 356	Depth TR: 358'	From	To	Pre Pad 2 1/2 GEL 3 1/2 CC 1/4" C.F.	Max		5 Min.	
Volume 21.82	Volume	From	To	Pad 14.7"/CAL	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac 1.25 #13	Avg		15 Min.	
Well Connection PC	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 341	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative RICK SMITH	Station Manager D. ATRY	Treater T. SEBA
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Service Units	123	380	457	381	571			
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:30					called out
12:00					on loc w/TCL's; SAFETY MTG Run 11 JTS 8 5/8 23" CSG.
12:05					START CSG
2:10					CSG ON BOTTOM
2:15					Hook up TO CSG & BREAK CIRC W/RTG.
2:25	100		10	4 1/2	START Pumping H2O
					START MIX! Pump 310 SKs 60/40 Poz 2 1/2 GEL 3 1/2 CC 1/4" C.F. & 14.7"/CAL
			69.		SHUT DOWN RELEASE PLUG
				4	START DISP
2:58	200		21.8	2	PLUG DOWN RECEIVED
2:59	200				CLOSE VALVE ON CSG. APR 04 2005
					Good CIRC THEN JDS KCC WICHITA
					CIRC 25 SKs CNT TO PIT
3:30					JOB Complete THANKS TODD