

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 9855
Name: Grand Mesa Operating Company
Address 1: 1700 N. Waterfront Pkwy, Bldg 600
Address 2: _____
City: Wichita State: KS Zip: 67206 + 5 5 1 4
Contact Person: Ronald N. Sinclair
Phone: (316) 265-3000
CONTRACTOR: License # 31925
Name: QUALITY WELL SERVICE, INC.
Wellsite Geologist: Steven P. Carl
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Cons, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: Grand Mesa Operating Company
Well Name: Felder #1-20

Original Comp. Date: 11/03/2008 Original Total Depth: 4160'

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: PLUG WELL Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

10/11/2008 10/18/2008 03/25/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 165-21839-00-00

Spot Description: 540' FSL & 1490' FWL

NW SW SE SW Sec. 20 Twp. 18 S. R. 19 East West

540 Feet from North / South Line of Section

1,490 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Rush

Lease Name: Felder Well #: 1-20

Field Name: Nekoma

Producing Formation: Arbuckle

Elevation: Ground: 2040 Kelly Bushing: 2045

Total Depth: 4160 Plug Back Total Depth: 4135

Amount of Surface Pipe Set and Cemented at: 32jts. @ 1252' 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)

Chloride content: 15,300 ppm Fluid volume: 1,050 bbls

Dewatering method used: Haul free fluids, remainder evap. & backfill

Location of fluid disposal if hauled offsite:

Operator Name: H-D Oilfield

Lease Name: Jensen SWDW License #: 32970

Quarter SE/4 Sec. 27 Twp. 18 S. R. 21 East West

County: Ness Permit #: D-28,235

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: President Date: 04/27/2011

KCC Office Use ONLY

Letter of Confidentiality Received

Date: APR 28 2011

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: DJC Date: 5/10/11

RECEIVED

KCC WICHITA

Operator Name: Grand Mesa Operating Company Lease Name: Felder Well #: 1-20
 Sec. 20 Twp. 18 S. R. 19 East West County: Rush

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 complete copy of all Electric Wire-line 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Previously submitted	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Previously submitted
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CASING RECORD <input checked="" type="checkbox"/> New <input 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	12.25	8.625	24	1252	Common	450	2% Gel, 3% CC
Production	7.875	5.50	14	4160	EA-2	175	15.5 PPG

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 <input checked="" type="checkbox"/> Plug well	See ticket	60/40 Poz Mix	140	4% Gel, 400# Hulls

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
4	3949.5-3951.5		
4	3958-3960		

TUBING RECORD:		Size: <u>2 7/8</u>	Set At: <u>3948</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11/6/08</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>22</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
				-0-	

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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RECEIVED
APR 28 2011
KCC WICHITA

QUALITY WELL SERVICE, INC.

5198

Home Office 190th US 56-HWY, Ellinwood, KS 67526

Todd's Cell 620-388-5422
Darin's Cell 785-445-2686

620-727-3410

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	3-25-11	Sec.	20	Twp.	18	Range	19	County	Rush	State	KS	On Location		Finish	11:30	
Lease	Folder		Well No.		120		Location									
Contractor	Quality Well Service							Owner Grand Mesa Operating								
Type Job	PTM							To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	T.D.							Charge To								
Csg.	5 1/2							Depth								
Tbg. Size	Depth							Street								
Tool	Depth							City State								
Cement Left in Csg.	Shoe Joint							The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line	Displace							Cement Amount Ordered ¹⁴⁰ 51Ks 60/40 4%								
EQUIPMENT												400 # Hulls				
Pumptrk	6	No.	Drive				Common 84									
Bulktrk	5	No.	Dark				Poz. Mix 50									
Bulktrk		No.					Gel. 20									
Pickup		No.					Calcium									
JOB SERVICES & REMARKS												Hulls 2				
Rat Hole												Salt				
Mouse Hole												Flowseal				
Centralizers												Kol-Seal				
Baskets												Mud CLR 48				
D/V or Port Collar												CFL-117 or CD110 CAF 38				
1" n 1290' 15gal 50SKS												Sand				
60/40 4% 100 # Hulls												Handling				
												Mileage 30				
2" n 600 40SKS												FLOAT EQUIPMENT				
60/40 4% 100 # Hulls												Guide Shoe				
												Centralizer				
3" n 40' 20SKS to surface												Baskets Steve Duriant				
3-24-11												AFU Inserts 3-24-11				
												Float Shoe				
												Latch Down				
jumped 30SKS 200 # Hulls												RECEIVED APR 28 2011 KCG WICHITA				
Displaced to 3210 MAX PST																
1500'												Pumptrk Charge PTA				
												Mileage 30				
												Tax				
												Discount				
												Total Charge				
Signature																