



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1130998
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 (Core, Expl., 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 Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1130998

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	M&M Farms SWD 1
Doc ID	1130998

Tops

Name	Top	Datum
Heebner	3132	-1437
Kansas City	3329	-1634
Stark Shale	3601	-1906
Hushpuckney Shale	3635	-1940
Mississippi	3941	-2115
Kinderhook Shale	3846	-2151
Viola	4030	-2335
Arbuckle	4194	-2499

Customer UNIT PETROLEUM CO.		Lease No.		Date	
Lease M&M FARMS		Well # SWD #1		12-13-2012	
Field Order # 7172	Station PRATT, Ks.	Casing 9 5/8"	Depth 1535	County KENO	State Ks.
Type Job CNW - 9 5/8" INTERMEDIATE			Formation TD-	Legal Description 20-245-9W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 9 5/8" X 36"	Tubing Size	Shots/Ft	325 SKS	Fluid	IF con Blend	RATE	PRESS	ISIP
Depth 1535	Depth	From	To 370 C.C.	Pre Pad	1/4# Cell Flake	Max		5 Min.
Volume 118.6	Volume	From	To	Pad		Min		10 Min.
Max Press 1000	Max Press	From 245 SKS	To	Frac	Common 1.20 yield	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To 290 C.C.		1/4# Cell Flake	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	117	Gas Volume		Total Load

Customer Representative LARRY	Station Manager D. SCOTT	Treater K. LESLEY S. Orlando
Service Unit 27283 27463	19826 19860 19886 21010	
Driver Names Orlando Mcbraw	LAURENCE	PERSON

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
9:00pm					ON LOCATION - SAFETY MEETING
					HOOK UP TO 9 5/8" X 36" CSG. Circ Down
					BROKE CIRC. W/ RIG PUMP
	300		123	6	MIX 325 SKS. A-CON @ 12.6 PPG
	300		53	6	MIX 245 SKS. COMMON @ 15.6 PPG
					DROP PLUG - T.R.
			0	6	START DISPLACEMENT
	400		55	5	LIFT PRESSURE Cement Top. +
	550		105	4	SLOW RATE
	600		117	4	PLUG DOWN - CLOSE IN @ HEAD
					CIRC. THRU JOB
					CIRC. 62 BBL CMT. TO PIT
					WASH UP PUMP TRUCK
					JOB COMPLETE,
					THANKS -
					KEVIN LESLEY
					Steve Orlando



TREATMENT REPORT

Customer: <u>Unit Petroleum</u>	Lease No.	Date: <u>12-18-12</u>
Lease: <u>M&M Farms</u>	Well #: <u>5WD 1</u>	
Field Order # <u>7574</u>	Station: <u>Pratt</u>	Casing: <u>7"</u>
	Depth: <u>4194</u>	County: <u>Reno</u>
Type Job: <u>CNW-7" LS</u>	Formation	Legal Description: <u>20-24-9</u>
State: <u>KS</u>		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size # <u>3.5</u>	Tubing Size	Shots/Ft	<u>200sx</u>	Acid	<u>AA2 Cement</u>	RATE	PRESS	ISIP
Depth <u>4195</u>	Depth	From	To	Pre Pad		Max		5 Min.
Volume <u>114.8</u>	Volume	From	To	Pad		Min		10 Min.
Max Press <u>2000</u>	Max Press	From	To <u>1/4"</u>	Frac	<u>cellflake</u>	Avg		15 Min.
Well Connection <u>PC</u>	Annulus Vol.	From	To		<u>Gilsonite</u>	HHP Used		Annulus Pressure
Plug Depth <u>4194</u>	Packer Depth	From	To	Flush	<u>164.8</u>	Gas Volume		Total Load

Customer Representative: <u>Larry Miller</u>	Station Manager: <u>Dave Scott</u>	Treater: <u>Steve Orlando</u>
Service Units: <u>27283</u>	<u>27463</u>	<u>19886</u>
Driver Names: <u>Orlando</u>	<u>Miller</u>	<u>Scott</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>6:30pm</u>					<u>On location - Safety Meeting</u>
					<u>Casing on Bottom Set @ 4194</u>
					<u>Br-ok Circ w/Rig</u>
<u>8:15</u>	<u>300</u>		<u>12</u>	<u>6</u>	<u>Mud Flush</u>
<u>8:19</u>	<u>300</u>		<u>5</u>	<u>6</u>	<u>H2O Spacer</u>
<u>8:20</u>	<u>250</u>		<u>511</u>	<u>6</u>	<u>mix 200sx AA2 @ 15#/G-1</u>
					<u>Shut Down - Clear pump & line</u>
					<u>Release Plug</u>
<u>8:40</u>	<u>0</u>		<u>0</u>	<u>6</u>	<u>Start H2O Displacement</u>
<u>8:50</u>	<u>600</u>		<u>125</u>	<u>6</u>	<u>lift pressure</u>
<u>8:55</u>	<u>700</u>		<u>150</u>	<u>5</u>	<u>Slow Rate</u>
<u>8:59</u>	<u>1000</u>		<u>164.8</u>	<u>4</u>	<u>plug Down - Held</u>
<u>9:00pm</u>	<u>1500</u>		<u>164.8</u>	<u>1</u>	<u>Bump Plug</u>
					<u>Job Complete</u>
					<u>Thanks, Steve</u>

Mid-Continent Conductor, LLC

P.O. Box 1570, Woodward, OK 73802
Ph. 580-254-5400 Fax 580-254-3242

CEMENTING REPORT

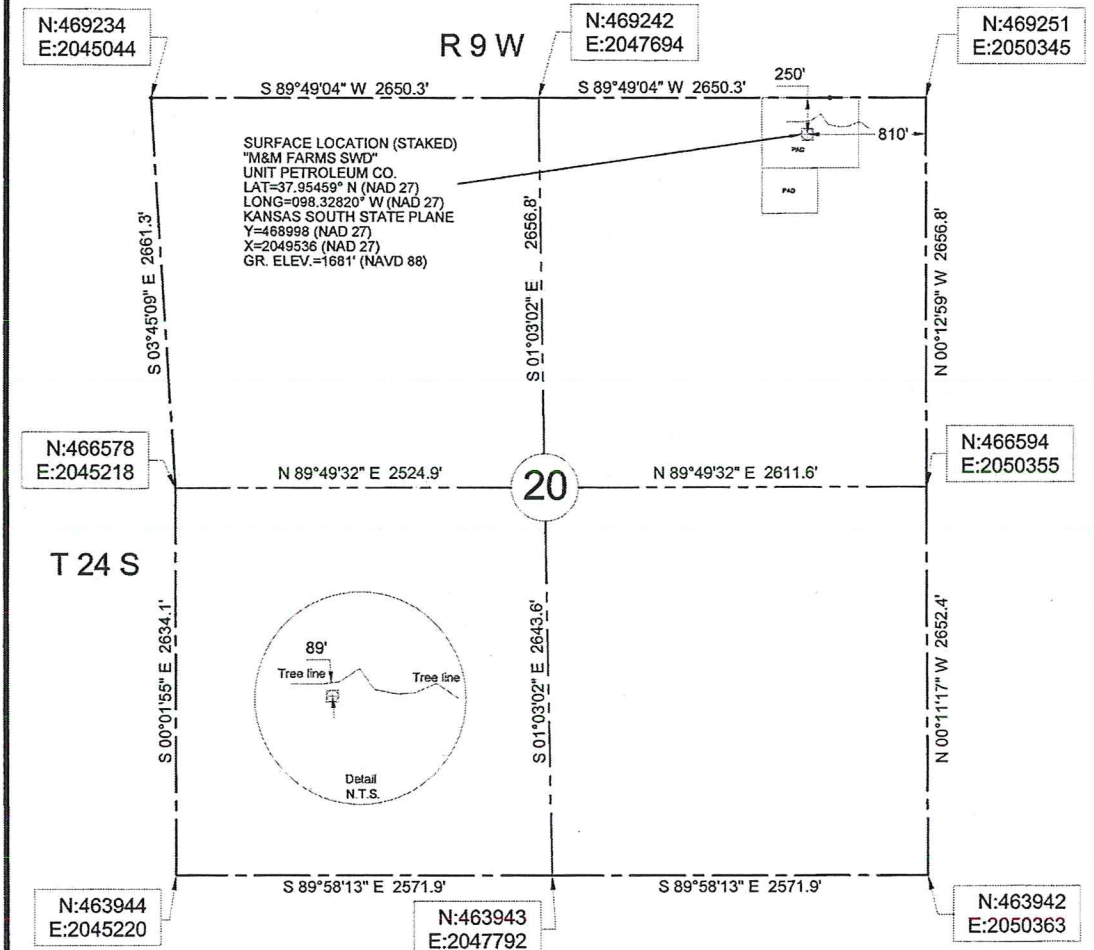
Operator: Unit Corporation
Well Name: M&M Farms SWD #1
Legal Description: Sec 20-24S-9W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	11-30-12
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	125
Type of Cement	Common Cement
Sacks of Cement Used	112
Was cement circulated?	Yes
Job witnessed by:	Ken Scofield



Jeff M. Owen
Mid-Continent Conductor, LLC

Section 20, T 24 S, R 9 W., Reno County, Kansas.



Description: Surface Hole Location Stake
"M&M Farms SWD" situated 250 feet from the north section line and 810 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Penetration Point
situated 250 feet from the north section line and 810 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

Description: Terminus Point
situated 250 feet from the north section line and 810 feet from the east section line of Section 20, T 24 S, R 9 W., Reno County, Kansas.

48 HOURS BEFORE YOU DIG...
CALL KANSAS ONE-CALL
1-800-344-7233

KANSAS ONE-CALL SYSTEM

Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services.

Contractor is responsible for contacting all utility companies prior to construction.

BEARINGS (NAD 27) KANSAS
SOUTH STATE PLANE
COORDINATES

LEGEND

- SECTION LINE
- 1/4 SECTION LINE

We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.



Survey is valid only if print has original seal and signature of surveyor present

<p>JIVIDENS LAND SURVEY CO., INC. 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 580-256-7174 - Fax 580-256-3424 roger@jividslandsurvey.com mike@jividslandsurvey.com</p>	<p>Survey For: Unit Petroleum Co. P.O. Box 2726 Woodward, OK 73802 Attn: Jason Rummery</p>	JOB 630-12	DATE OF PLAT 10-11-2012	SCALE 1"=1000'	SHEET 5 OF 5
		DRAWN BY D.W.K	OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012		

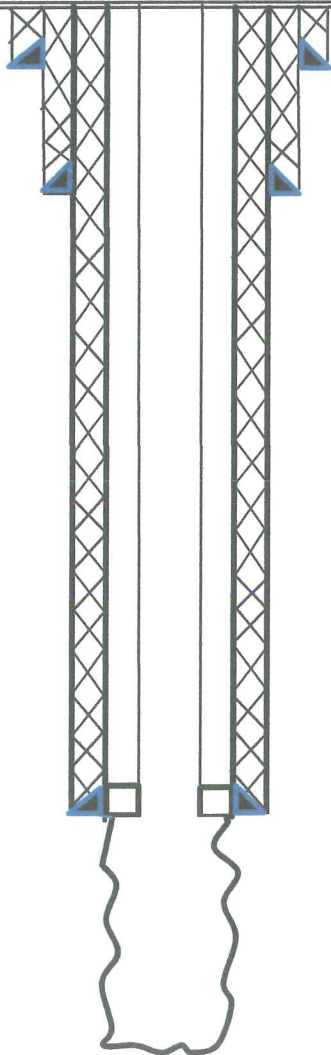


Unit Petroleum Company

Date of Last Revision:
2-Apr-13

Well: **M&M Farms SWD #1**
Location: **Sec. 20 - Twn 24S - Rng 9W**
County, State: **Reno County, KS**
Surface Location: **250' FSL & 810' FWL**

Rig: **Unit Drilling #331**
Engineer: **Brent Keys (918) 477-4510**



Conductor: 16" 65# H40 @ 125' (3 jts)
cmtd to surface w/ 112 sx

Surface: 9-5/8" 36# J-55 LTC @ 1,530' (37 jts)
cmtd to surface w/ 570 sx

Intermediate: 7" 23# J55 LTC @ 4,195' (108 JTS)
cmtd w/ 200 sx. TOC @ 2,830' (Bond)

3-1/2" tbg on Baker PKR @ 4,171'

Arbuckle
4,195'-4,962'

T.D. @ 4,962'

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

April 02, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO1
API 15-155-21609-00-00
M&M Farms SWD 1
NE/4 Sec.20-24S-09W
Reno County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Brent Keys