



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1261918
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: _____



1261918

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: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	OMU 401W
Doc ID	1261918

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	5208-5236 (Morrow)	Perf	5208-5236
	CIBP		5200
4	5168-5189 (Morrow)	Perfs	5168-5189
	CIBP		5100
4	4681-1353 (Marmaton)	Perfs	4681-4686
4	4070-4191 (Lansing)	Squeeze	4070-4191
4	4494-4500 (KC)	Squeeze	4494-4500



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 401W (HELMLEY B 2)**

Accounting ID 19541-01	Original Spud Date 10/28/1985 00:00	Operator MERIT ENERGY COMPANY	SAP API Number 150812038800	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft) 0.00	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name Eubank	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Job Category Completion/Workover	Primary Job Type Conversion	Job Start Date 3/30/2015	Job End Date 4/20/2015
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Daily Operations

Report Start Date 3/30/2015	Primary Activity Conversion of the well
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Operations Summary
Move rawhide Rig in to Loc. Filled up the JSA. Rig up the unit. Unhung the well. Unseat the pump. Show lite vacuum. well have high presence of H2S. pump 30 bbls of water with chemical to treat and clear the H2S. TOHW 16 x 1.25 PR 8 x 1.5 Liner. 2,6,6,8, 3/4 rods subs 58 3/4 w/ scrp. 110 3/4 rods plains 1-2 3/4 rods sub 2 x 1.5 x 16 RWBC Pump 6' GA.. Rigged up for tbg swab. make 1 r Run to SN. make sure tbg is clean from Parrafine. Prepared to pull tbg. NU BOP. TOHW 52 jts 2 3/8 stand back on derrick. SWIFN &SD.

Report Start Date 3/31/2015	Primary Activity
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Operations Summary
CRew Drove To Locv. Filled up the JSA. Not press on the well. Finish to TOHW with 2 3/8 tbg (production) pull: 133 jts 2 3/8 TAC 5.5 x 2 3/8 @ 4085' * 5 jts 2 3/8. SN @ 4238' * MA @ 4248' Open end. Rigged up the 3.5 sand pump tag bottom @ 4325'. rec. just water. Lay down the sand pump. TIHW 4 7/8 bit. 5.5 Scrp. 138' 2 3/8 to 4240'. TOHW 138 jts. and Change over sub. (left 5.5 scrp in wel coming unscrew.) lay down the 2 3/8 tbg. TIHW Change over Sub. to Screw back on on Bit. 136 jts 2 7/8. Tag @ 4323' screw back on on 5.5 scrapper. TOHW 136 jts 5.5 scrp. 4 7/8 bit. SWIFN &SD

Report Start Date 4/1/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. Not press on the well. TIHW PKR * SN * 135 jts of 2 7/8 tbg. Set PKR @ 4292'. load the tbg with 18 bbls of water. press test tools to 1000 psi. test good.. Move PKR @ 4013 with 126 jts of tbg. load the casing with 38 bbls. BOP & Fland was leaking. Fix the problem. Press up the casing to 500 psi. hold good for 30 Minutes. Release the PKR. Move the PKR up to 3851 w/ 121 jts. load the back side. test the back side. was leaking 100 psi per minute. release the PKR. TOHW PKR * SN * 121 Jts Rubbers was bad on PKR. SWIFN.

Report Start Date 4/2/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. not press on the well. TIHW PKR * SN * 121 Jts. 2 7/8. Set PKR @ 3851' load the back side with 38 bbls of water. press up to 500 psi. get pump rate. pump 1 BPM ,900 psi. mix cement. pump. 10 sx of Thoxitropic 90 sx of class H neat. Displaced with 13 bbls. of water. well squeeze up to 1000 psi. reverse out. with 35 bbls of water. release the PKR. pull 4 jts of tbg. Set PKR @3724 with 117 jts. pree up on the tbg up to 300 psi. and 300 psi on back side. SWIFD. rig down Cement truck. SD.

Report Start Date 4/6/2015	Primary Activity
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Operations Summary
Crew Drove To Loc, Filled up the JSA. prepared to release the PKR. Release the PKR. TOHW 117 Jts * SN * PKR. TIHW 4 7/8 Bit 4 x 3.5 Drill collars. 117 jts. Tag Cement @ 3851. dril cement from 3851 to 4062'. circulate the well clean. SWIFN. &SD.

Report Start Date 4/7/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. not press on the well start drilling cement from 4069 to 4278 with 130 jts and 25 in on jts 131. circulate the well clean. and press up to 500 psi. lost 25 psi. on 15 minutes. TIH with 2 jts and fill @ 4323 with 133 jts. clean up to top of CIBP. 4460 w/ 136 jts 10' on jts # 137. circulate the well clean. and press up to 500 psi for 45 minutes. lost 100 psi. TOHW 13 jts. leave tools swinging @ 4062' SWIFN &SD.

Report Start Date 4/8/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA., casing has light blow. tbg light blow. TOHW 124 jts 2 7/8 4 drill collras. 4 7/8 bit. TIHW PKR * SN * 140 jts set the PKR 4452' just above CIBP/. press up tool to 1000 psi . lost 100 psi on 15 Minutes. press up on back side. lost 15 psi on 15 minutes. release the PKR. move up to 4389 with 138 jts. test down tbg. 1000 psi . test good for 15 minutes. try to tes on back side. lost 15 psi on 15 minutes. Release the PKR and move up to check all perforation leak. from 4070 -4191. set the PKR above perf. @ 4042' test the above the Lansing perf. 500 psi good for 45 minutes. leak down the tbg press up to 1000 psi. lost 100 psi on 15 minutes. release the PKR. TOHW 127 jts 2 7/8. SN & PKR SWIFN &SD.

Report Start Date 4/9/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. filled up the JSA. not press on the well. Prepared for tbg. TIHW * 4 7/8 Bit 4 drill collars 136 jts. 10 ' in 137 jts tag @ 4450' drill out to 4468' had a lot metal return. wasn't making very much hole. circulate the hole clean. TOHW 137 jts 4 Drill collars. 4 7/8 Bit. left one cone off the Bit in the hole. SWIFN &SD

Report Start Date 4/10/2015	Primary Activity
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Operations Summary
Crew Drove To Loc. Filled up the JSA. not press on the well. rigged up magnet on the sand line. make couple trips. and rec. metal and cone of the Bit. lay down the Magnet. TIHW 4 7/8 New Bit. 4 drill collars. 137 jts tag @ 4468' drill CIBP out. Fell through at 4470'. TIHW and tag bottom @ 5100' with 156 jts 2 7/8 and 20' on jts # 157'. get Injection rate. pump 2.5 BPM at 500 psi. TOHW 157 jts Drill collars. and Bit. TIHW PKR * SN * 143 jts 2 7/8 set PKR @ 4548' laod the tbg with 7 bbls. press test tools. 700 psi. good. Release the PKR. Pull 22 jts. leave the PKR Swinging above all perforation @ 3851' SWIFN &SD



Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 401W (HELMLEY B 2)**

Accounting ID 19541-01	Original Spud Date 10/28/1985 00:00	Operator MERIT ENERGY COMPANY	SAP API Number 150812038800	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft) 0.00	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name Eubank	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Daily Operations

Report Start Date 4/13/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove to Loc. Filled up the JSA. not press on the well. TIHW 14 jts. Set PKR @ 4292' w/ 135 jts. 2 7/8. load the back side with 13 bbls. Rigged up Allied cement trucks.press up on back side to 500 psi. load the tbg and get injection Rate. pump 2 BPM at 500 psi. Mix cement and pump 50 sx of Thixotropic. 100 sx of class H Neat. wasl lines on pump truck. desplaced Cement with 5 bbls of water.. Squeeze off up to 1500 psi. open the by pass reverse tbg out clean with 40 bbls of water. Release the PKR. pull out 10 jts. Set PKR @ 3977' with125 jts. press up 300 psi on tbg. & casing SWIFD & SD.</p>	
Report Start Date 4/14/2015	Primary Activity
<p>Operations Summary</p> <p>Cre Drove to loc. Filled up the JSA. Check press. tbg has 100 psi. casing has 100 psi. blow the press down. release the PKR. TOHW * 125 jts * SN * PKR. lay down the PKR. TIHW 4 7/8 Bit. 4 drill collars 3.5" 131 jst & 12' on Jts # 132' @ 4292'. rigged up power Swivel. start drilling. drill out from 4292' to 4533'.(Squeeze perf@ 4494-4500). Circulate Clean and press test up 500 psi. lost 15 psi on 15 Minutes. called good. TIH to top CIBP @ 5100' 156 jts. Circulate the hole clean with leae water with 120 bbls TOHW 106 jts SWIFN &SD.</p>	
Report Start Date 4/15/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. Finish to POOH with 50 jts and Drill collars. lay down drill collars. prepared for casing swab. Tag IFL @ 100' all water. swab the well dry to 3500' rec. 80 bbls of water. Rigged up Halliburton Wire line.9. Perforate the Marmaton using 4" EXP, 38.5 gr, 0.43" E.H., 57.73" penetration perforating guns as follows: Marmaton perf @ 4681-4686 4 SPF 90 Phasing Rig down the Wire line. TIHW PKR * SN * 146 jts 2 7/8. Set the PKR @ 4643'. prepared for tbg swab. Tag IFL @ 3500' al water. swab the well for 2 hrs rec. 6 bbls. hr FI dry to SN. SWIFN &SD.</p>	
Report Start Date 4/16/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. Casing Press (0) PKR. tbg press. (0) Run tbg swab tools. to 4643' to top of SN. well dry. Rigged up Chaosland Acid truck. pump. b 2000 15% HCl Acid a. 2 gpt Al-101 Acid Inhibitor b. 2 gpt IC-767 Iron Control c. 2 gpt Zion 99 Wetting Agent d. 2 gpt NEA-100 Non Emulsion Agent 30 Blls of 4 % klc water flush Max Press 960 psi Ave Press 341 psi. Max rate 5.8 BPM Ave rate 3 BPM. ISIP 70 psi. and righ back on vacuum. Rig down chaosland Acid truck. start swabbing. tag IFL @ 175' all brown the first run. swab the well for 9 hrs rec. 63.5 bbls. last Hr FI was @ 4550' rec. 1 bbls all water. tbg on vacuum. SWIFN &SD.</p>	
Report Start Date 4/17/2015	Primary Activity
<p>Operations Summary</p> <p>Crew Drove To Loc. Filled up the JSA. check press on the well. casing (0) PKR. tbg has light blow. Tag IFL @ 4300' brown water. swab the well for 3 hrs rec. 5.5 bbls. last Hr FI Was 4550' rec. 1 bbls brown water. tbg on vacuum. Release the Packer. TOHW 146 jts 2 7/8 (wrk string) lay down. SN * PKR> SWIFN &SD</p>	



MERIT ENERGY COMPANY

Job Daily Summary- State Report

Support Line: 972-628-1700 #1

Report Date:
Report #

Well Name: **OMU 401W (HELMLEY B 2)**

Accounting ID 19541-01	Original Spud Date 10/28/1985 00:00	Operator MERIT ENERGY COMPANY	SAP API Number 150812038800	Lease Unassigned	Unit Name
Working Interest (%) 100.00	Original KB Elevation (ft) 0.00	SAP Latitude	SAP Longitude	Total Depth	KB Adjustment (ft)
Field Name Eubank	County HASKELL	State/Province KANSAS	Field Office ULYSSES	Accounting Group Ulysses E	Producing Status Shut In

Daily Operations

Report Start Date 4/20/2015	Primary Activity
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Operations Summary

Crew Drove To Loc. Filled up the JSA. Prepared for run IPC tbg. TIHW. 2 7/8 Pump out Plug. 5.5 x 2 7/8 Big Bore Model "AS1-X" 7 K Nickel Plated Packer. 5.5 x 2 7/8 x 1.87 "X" Model " T2" On & Off tool 13 Chrome. 127 EU J-55. Plastic Coated Tubing. Set th PKR @ 4049'. ND BOP. J- off the On& Off tool. Circulate PKR Fluid 80 bbls. J- On back on the PKR pull 10,000 ths. Lbs Over string weight. get the well pack off. press up the back side up to 500 psi. hold good for 45 minutes. Bleed the press off. Pump out. the pump out plug at 1100 psi. get Pump rate. pump 4.5 BPM at 500 psi SWI. Rig down clean loc. and Move out.

Tubing Detail

127 jts 2 7/8 IPC
On/Off Tool. 5.5 x 2 7/8 x 1.87 " X" Model "T2" 13 Chrome
5.5 x 2 7/8 Big Bore Model " AS1-X" 7 K Nickel Plated Packer.@ 4049'.

Lansing Sqzed

4070-4078

4112-4115

4188-4191.

Kansas city Sqzed

4494-4500

Producing Perf. (injecting)

Marmaton:

4681-4686.

CIBP @ 5100'

Morrow Perf.

5168-5178

5175-5183

5186-5189

CIBP @5200

Morrow Perf

5208'-5216

5228-5236'

TD @ 5570'