

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION TO AMEND INJECTION PERMIT

20220908163257  
Filed Date: 09/08/2022  
State Corporation Commission  
of Kansas July 2014  
Form U-8  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

- Salt Water Disposal
- Repressuring
- Other Enhanced Recovery

Permit Number: E-12571 1-7B

SE 1/4 Sec. 33 Twp. 34 S. R. 41  East  West

5156 Feet from  North /  South Section Line

4776 Feet from  East /  West Section Line

Lease: Wilburton Morrow Sand Unit

Well #: 1108W

Morton County, Kansas

Originally granted to: Cities Services Oil & GAs Corporation

(All information above this line taken from the original permit)

Current Operator: License # 32446 Contact Person: Katherine McClurkan

Company Name: Merit Energy Company, LLC  
*(As listed on operator license)*

Address: 13727 Noel Road, Suite 1200 Dallas, TX 75240

Phone: 972-628-1660

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**JUN 17 2022**  
CONSERVATION DIVISION  
WICHITA, KS

It is requested that the (caption) (paragraph # \_\_\_\_\_) of the original permit be amended as follows:

- A. Change the authorized injection pressure to: \_\_\_\_\_ psi maximum from the current permitted pressure of \_\_\_\_\_ psi.
- B. Change the authorized injection rate to: \_\_\_\_\_ bbl/day maximum from the current rate of \_\_\_\_\_ bbl/day.
- C. Add ( \_\_\_\_\_ ) or delete ( \_\_\_\_\_ ) the following leases/facilities supplying produced saltwater or other fluids approved by the Conservation Division.

Company Name	Lease Name	Lease Description
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____
7. _____	_____	_____
8. _____	_____	_____

(Attach additional sheets if necessary)

- D. Change the permit by: ( X ) add the following repressuring wells: WMSU 1602 (15-129-20675) ;  
( \_\_\_\_\_ ) change the injection formation; or ( \_\_\_\_\_ ) change well construction; or ( \_\_\_\_\_ ) other:

Add WMSU 1602 with dual completions inject into Morrow & product from Topeka

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, Kansas 67202-1513

KCC CONSERVATION  
PAID

JUN 20 2022

AMT. \$ 100.00  
CK# 0080597799

6/22/22 Revd- VIC/CO-BL/cm

Offset Operators, Unleased Mineral Owners and Landowners

Form U-8

(Attach additional sheets if necessary)

Name Wilburton Morrow Sand Unit Legal Description of Leasehold All of Sec 28,29,32,33 T34-R41 S1/2 Sec 4 35-41

Elkhart Forest Service (Surface Owner) P.O. Box 300, Elkhart, Kansas, 67950 All NE/4 & NE-SE Sec 32 T34S-R41W

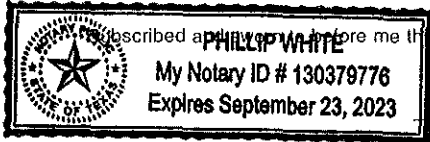
Merit Energy Company, LLC 13727 Noel Road, Suite 1200, Dallas, Texas 75240 All Sec 28,29,32 & 33 T34S-R41W; All Sec 4 & S/2 Sec 5 T35S-R41W

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

*Katherine McClurkan*

Katherine McClurkan

Applicant or Duly Authorized Agent



Subscribed and sworn to before me this

13th day of June, 2022

*Phillip White*

Notary Public

Phillip White

My Commission Expires: September, 23, 2023

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Instructions for Form U-8

Application to Amend Injection Permit

1. All requested changes in injection authority must be submitted with this form.
2. Complete the top portion, (side 1) of the form with the information requested for the pilot well, as shown on the original order or permit.
3. Complete the current operator information, listing the license number, current name and address, contact person and phone number.
4. Fill in the type of change or amendment desired. Leave blank any sections not applicable.
5. For amendments adding additional input wells to enhanced recovery permits, the following information must be submitted in addition to pages 1 and 2 of form U-8:
  - a) pages 1 and 2 of form U-1
  - b) an updated map, showing the new well(s) and all existing wells; page 4 of the form U-1.
  - c) a complete log of the well(s) to be added;
  - d) verification of cement (cement tickets, bond log, etc.)
6. Attach Affidavit of Notice Served, page 5 of form U-1.
7. Attach Affidavit of Publication from the official county newspaper.
8. This form must be signed by the applicant or an authorized agent. A notarization of the signature is required.
9. All applicable fees must accompany this application.

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR INJECTION WELL**

Form U-1  
August 2020  
Form must be Typed  
Form must be Signed  
All blanks must be Filled

Disposal

Enhanced Recovery:  Repressuring  
 Waterflood  
 Tertiary

Date: 6/13/2022

Operator License Number: 32446

Operator: Merit Energy Company, LLC  
Address: 13727 Noel Road, Suite 1200  
Dallas, TX 75240

Contact Person: Katherine McClurkan  
Phone: 972-628-1660  
Email: Kathy.mcclurkan@meritenergy.com

Permit Number: E-12,571  
API Number: 15-129-20675

**Well Location**  
NE-SE Sec. 32 Twp. 34 S. R. 41  E  W  
1980 feet from  S /  N Line of Section  
660 feet from  E /  W Line of Section

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

Datum:  NAD27  NAD83  WGS84

Lease Description: Wilburton Morrow Sand Unit  
All Sec 28,29,32 & 33 34S-41W; All Sec 4 & S/2 5 T25S-R41W

Lease Name: WMSU Well Number: 1602

Field Name: Wilburton  
County: Morton

**Deepest Usable Water**  
Formation: Ogallal  
Depth to Bottom of Formation: 320

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Check One:  Old Well Being Converted  Newly Drilled Well  Well to be Drilled

Surface Elevation: 3464 feet Well Total Depth: 5011 feet Plug Back Depth: 4928 feet

Datum of top of injection formation: -1254 feet (reference mean sea level)

**Injection Formation Description:**

Name	top / bottom	perf / open hole	depth
<u>Morrow</u>	<u>4720</u> / <u>4981</u>	<u>Perfs</u> at <u>4828</u>	to <u>4850</u> feet
_____	_____ / _____	_____ at _____	to _____ feet

**List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:**

(attach additional sheets if necessary)

Lease Operator	Lease/Facility Name	Lease/Facility Description	Well ID & Spot Location
1. <u>See Attached</u>	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____

Producing Formation	Strata Depth	Total Dissolved Solids (if available)
1. <u>See Attached</u>	_____ to _____ feet	_____ mg/l
2. _____	_____ to _____ feet	_____ mg/l
3. _____	_____ to _____ feet	_____ mg/l

Maximum Requested Liquid Injection Rate: 3500 bbls / day; or

Maximum Requested Gas Injection Rate: \_\_\_\_\_ scf / day. Type of Gas: \_\_\_\_\_

Maximum Requested Injection Pressure: 1500 psig

# MERIT ENERGY COMPANY

## WELBORE DIAGRAM

LEASE & WELL NO. Pearson C-2/WMSU 1602  
 FIELD NAME Wilburton  
 LOCATION 32 - 34S - 41W

FORMER NAME Odell U 2, WMSU 1602  
 COUNTY & STATE Morton, KS  
 API NO. 15-129-20675  
 WBS DATE 1/31/2022 CIA

KB 11'

SURFACE CASING

SIZE 8 5/8" WEIGHT 24.# DEPTH 1457'  
 GRADE K-55 SX. CMT. 800 sx TOC surface

PRODUCTION CASING

SIZE 5 1/2" WEIGHT 14.# DEPTH 5010'  
 GRADE K-55 SX. CMT. 175 sx TOC 3754'

PBTD@ 4850'  
 TD@ 5011'

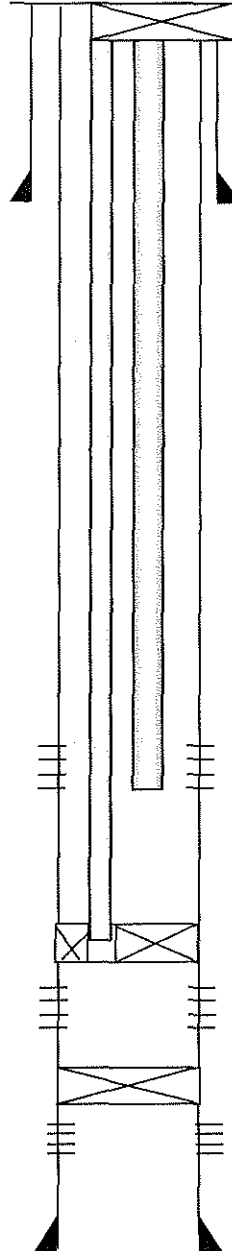
Tubing Strings

Pearson C2 Topeka Gas completion:

SIZE 2 1/16" SET DEPTH 3200'  
 GRADE J55

WMSU 1602w Morrow B Injection completion:

SIZE 2 1/16" SET DEPTH 4790'  
 GRADE J55



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Topeka (4/11/1989)  
 3121'-25', 3130'-46', 3168'-71',  
 3224'-26', 3242'-44', 3256'-58'  
 total 29' & 116 holes

Dual completion packer - 4790'  
 Injection tubing depth 4790  
Morrow B (unitized interval):  
 Proposed: 4828-4850'

CIBP @ 4850'. Set 4/5/1989.  
L Morrow (8/10/85)  
 4915'-34' 4 SPF, 76 holes

WMSU Supply Wells

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division

Lease Operator	Lease/Facility Name	Lease Description/Spot Location	Well ID	County
Merit Energy Company	WMSU 302	630' FSL, 630' FWL NW-NW sec 28-T34S-R41W	15-129-10234	Morton
Merit Energy Company	WMSU 303	3080' FNL, 4620' FWL SW-NW sec 28-T34S-R41W	15-129-21432	Morton
Merit Energy Company	WMSU 2A01	2010' FSL, 600' FEL NE-NE-SE sec 29-T34S-R41W	15-129-21502	Morton
Merit Energy Company	WMSU 604	660' FSL, 4620' FEL SW-SW sec 28-T34S-R41W	15-129-20438	Morton
Merit Energy Company	WMSU 1702	1980' FNL, 660' FEL NW-SW sec 33-T34S-R41W	15-129-00425	Morton
Merit Energy Company	WMSU 1105	660' FSL, 1980' FEL NE-NW sec 33-T34S-R41W	15-129-20712	Morton
Merit Energy Company	WMSU 1104	3333' FSL, 4593' FEL SW-NW sec 33-T34S-R41W	15-129-20307	Morton
Merit Energy Company	WMSU 1107	2640' FNL, 100' FWL SW-SW sec 28-T34S-R41W	15-129-21718	Morton
Merit Energy Company	WMSU 1704	660' FNL, 660' FWL SW-SW sec 33-T34S-R41W	15-129-20689	Morton
Merit Energy Company	WMSU 902	4290' FSL, 1500' FEL SE-NW-NE sec 32-T34S-R41W	15-129-21518	Morton
Merit Energy Company	WMSU 1001	2000' FNL, 650' FEL SE-NE sec 32-T34S-R41W	15-129-10338	Morton
Merit Energy Company	WMSU 1204 WSW	2650' FNL, 1570' FWL SE-SW-NE sec 33-T34S-R41W	15-129-11110	Morton

Lease/Facility Name	Formation	Perforations
WMSU 302	Morrow	4853' - 4863'
WMSU 303	Morrow	4866' - 4861'
WMSU 2A01	Morrow	4832'-4839'
WMSU 604	Morrow	4820'-4857'
WMSU 1702	Morrow	4814' - 4863'
WMSU 1105	Morrow	4840' - 4850'
WMSU 1104	Morrow	4824'-4905'
WMSU 1107	Morrow	4828' - 4908'
WMSU 1704	Morrow	4882' - 4900'
WMSU 902	Morrow	4856'-4872'
WMSU 1001	Morrow	4825'-4900'
WMSU 1204 WSW	Cimarron River	

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**Well Completion**

Type:  Tubing & Packer     Packerless     Tubingless

	Conductor	Surface	Intermediate	Production	Tubing
Size	N/A	8.6250"	N/A	5.5"	2.0625"
Setting Depth		1457'		5010'	4790'
Amount of Cement		800		175	
Top of Cement		Surface		3754'	
Bottom of Cement		1457'		5010'	

Dual completion production in to the Topeka pefs @ 3121'-3258' w/2.0625" IPC J-55 tbg set @ 3200'

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at \_\_\_\_\_ feet, cemented to \_\_\_\_\_ feet with \_\_\_\_\_ sx.

Tubing: Type IPC Grade J-55

Packer: Type Arrowset Depth 4790'

Annulus Corrosion Inhibitor: Type PF 1-440 CO2, HS, Oxygen & Brine Water Concentration 1.2 Gals/100 Brine

List Logs Enclosed: Compensated Density Dule Spaced Neutron Log

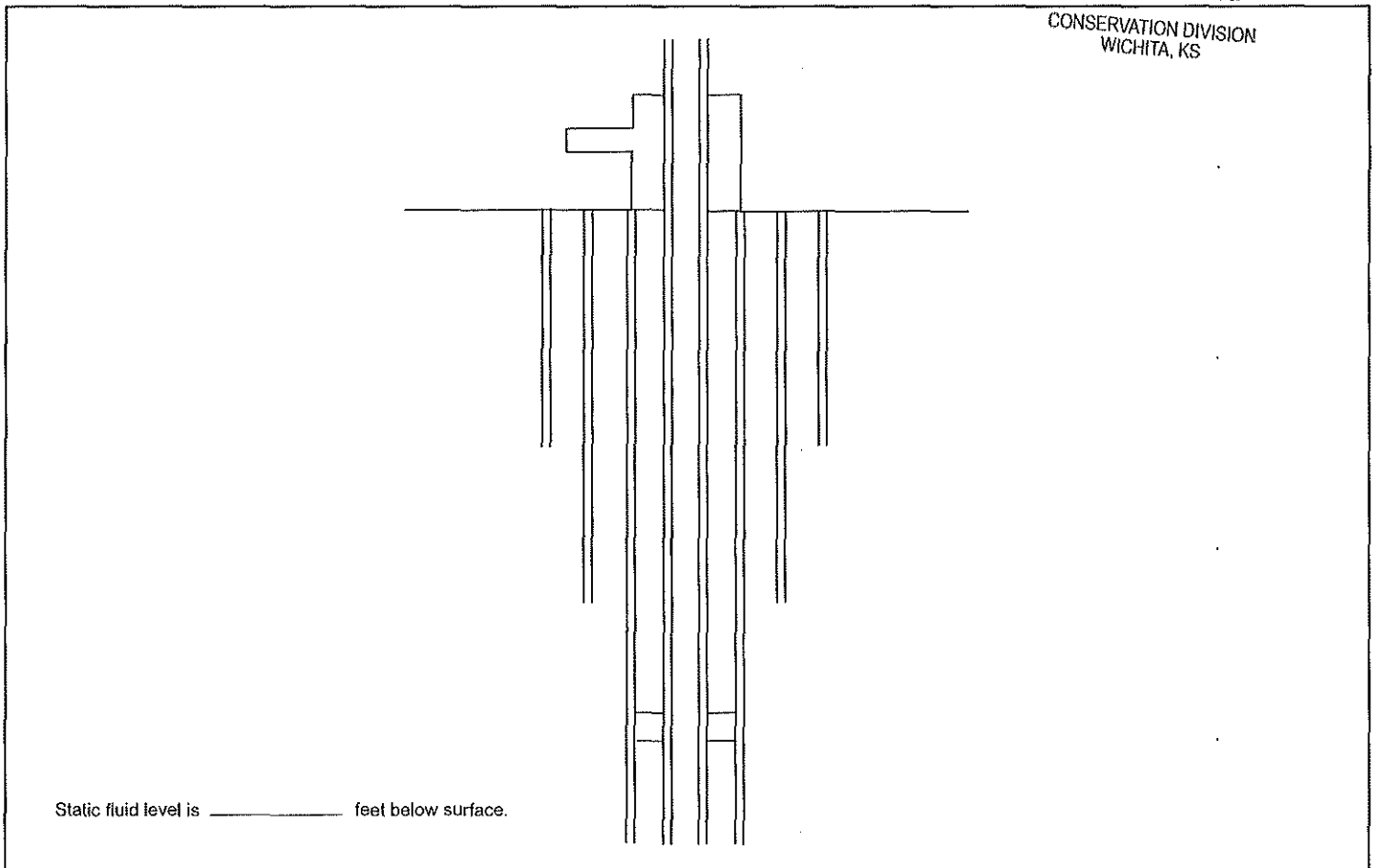
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**Well Sketch**

(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



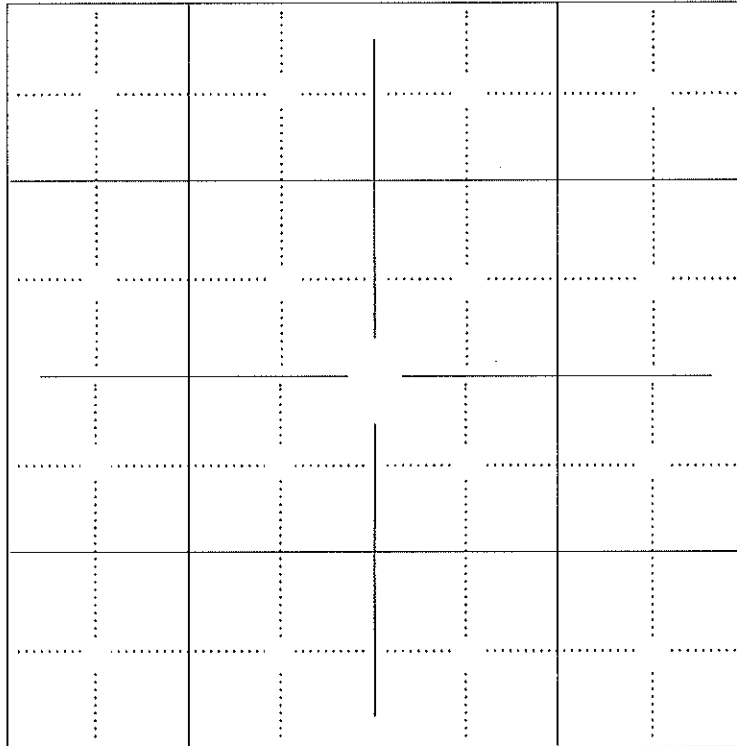


Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Merit Energy Company. LLC Location of Well: CNE-SE  
 Lease: WMSU 1980 feet from  S /  N Line of Section  
 Well Number: 1602 660 feet from  E /  W Line of Section  
 County: Morton Sec. 32 Twp. 34 S. R. 41  East  West

Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.

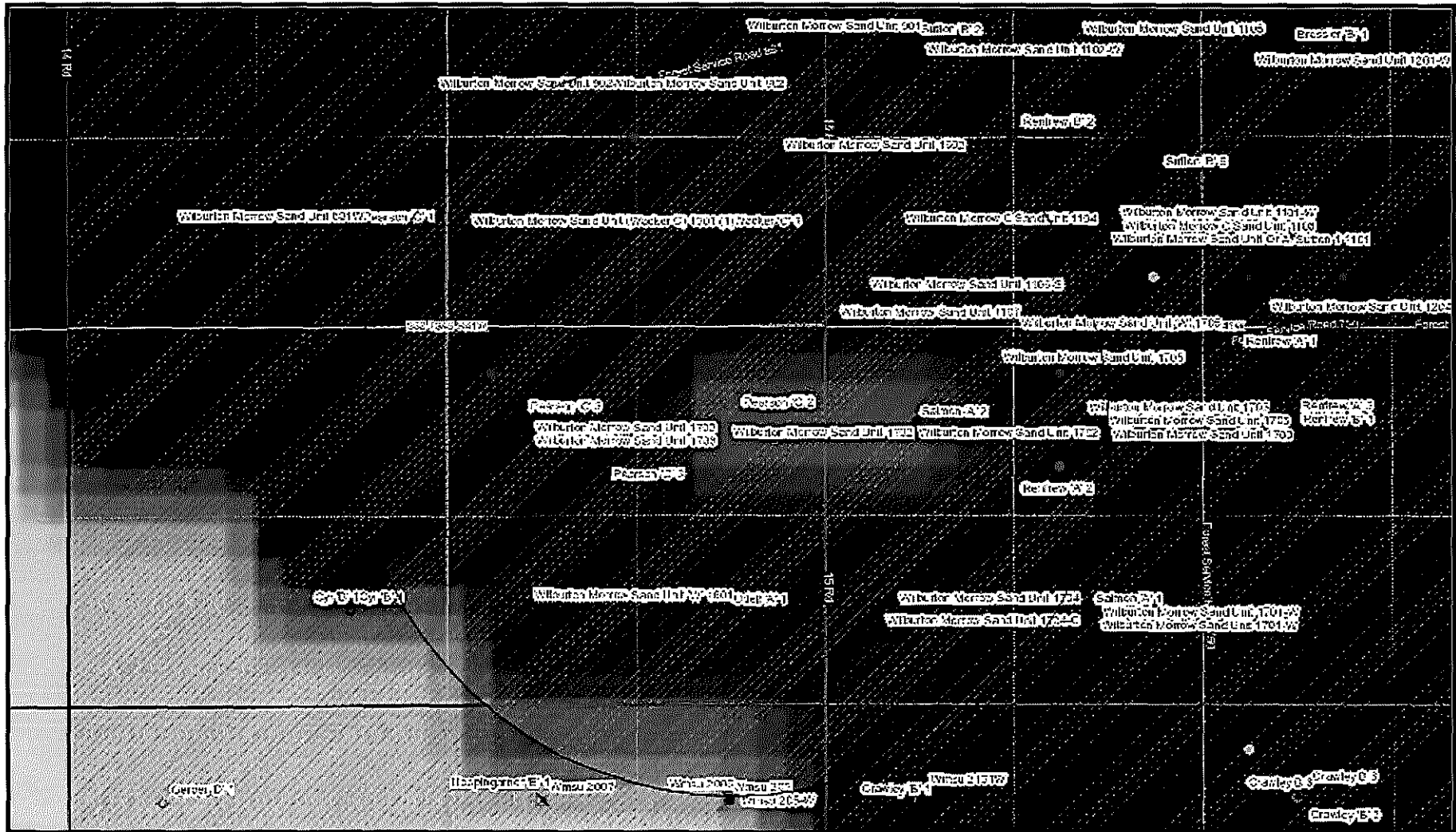


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- applicant well
- producing well
- plugged injection well
- D & A well
- other injection well
- temporary abandoned well
- plugged producer
- water supply well



# WMSU 1602 1/2 Mile AOR Map



## Oil and Gas Wells

- |                                       |  |                                |                                  |  |
|---------------------------------------|--|--------------------------------|----------------------------------|--|
| ● Coal Bed Methane                    | ✕ Enhanced Oil Recovery, Plugged-Abandoned | ✕ Injection, Plugged-Abandoned | ✕ Oil and Gas, Plugged-Abandoned | ⊙ Other, Plugged-Abandoned               |
| ● Coal Bed Methane, Plugged-Abandoned | ⊙ Gas                                      | ○ Intent                       | ● Oil                            | ▲ Salt Water Disposal                    |
| ✕ Dry and Abandoned                   | ✕ Gas, Plugged-Abandoned                   | ○ Location                     | ✕ Oil, Plugged-Abandoned         | ✕ Salt Water Disposal, Plugged-Abandoned |
| ✕ Enhanced Oil Recovery               | ✕ Injection                                | ✕ Oil and Gas                  | ⊙ Other                          |  |

5/31/2022

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<https://maps.kgs.ku.edu/oilgas>

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**Affidavit of Notice Served**

Re: Application for: Merit Energy Company, LLC

Well Name: WMSU 1602 Legal Location: All Sec 28,29,32 & 33 34S-41W; All Sec 4& S/2 5-25S-41W

Note: A copy of this affidavit must be served as a part of the application.

Name:

Address: (Attach additional sheets if necessary)

Elkhart Forest Service (Surface Owner)  
Merit Energy Company, LLC

P.O. Box 300, Elkhart, Kansas, 67950  
13727 Noel Road, Suite 1200, Dallas, Texas 75240

Multiple horizontal lines for additional information or notes.

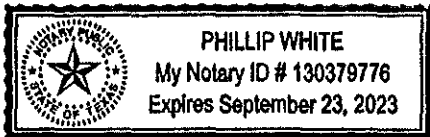
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**JUN 17 2022**

CONSERVATION DIVISION  
WICHITA, KS

I certify that the statements and information contained in this application are true and correct to the best of my knowledge, and that a true and correct copy of this application was delivered or mailed to all required persons, and that such persons are identified on Page 5 of this application.

Katherine McClurkan Katherine McClurkan  
Applicant or Duty Authorized Agent



Subscribed and sworn before me on: June 13th 2022

Phillip White  
Notary Public

My Commission Expires: September 23, 2023

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protester and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protester in the proceeding, including specific allegations as to the manner in which the grant of the application will cause waste, violate correlative rights, or pollute the water resources of the state of Kansas. Protesters shall serve the protest upon the applicant by mail or personal service at the same time or before the protester files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

ORIGINAL

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

Operator: License # 5447  
Name: OXY USA Inc.  
Address: P.O. Box 2528  
City/State/Zip: Liberal, KS 67905  
Purchaser: ONEOK  
Operator Contact Person: Vicki Carder  
Phone: (620) 629-4200  
Contractor: Name: Best Well Service  
License: NA  
Wellsite Geologist: NA

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl, Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Cities Service Oil & Gas  
Well Name: Wilburton Mor. Sand Unit 1602

Original Comp. Date: 11/29/83 Original Total Depth: 5011

~~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. \_\_\_\_\_  
07/27/04 08/10/04  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 129-20675-0002  
County: Morton  
\_\_\_\_\_ - \_\_\_\_\_ - CNE - SE Sec 32 Twp. 34 S. R. 41W  
1980 feet from (S) N (circle one) Line of Section  
660 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Pearson C Well #: 2  
Field Name: Greenwood  
Producing Formation: Topeka  
Elevation: Ground: 3464 Kelly Bushing: Unknown  
Total Depth: 5011 Plug Back Total Depth: 3306  
Amount of Surface Pipe Set and Cemented at 1457 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan OWW 0 KGR 2/11/08  
(Date 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 No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp, \_\_\_\_\_ S. R.  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

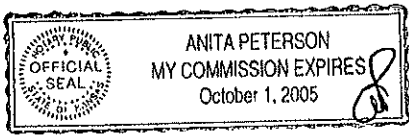
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 6702, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Vicki Carder  
Title: Capital Projects Date December 8, 2004  
Subscribed and sworn to before me this 8<sup>th</sup> day of Dec  
20 04  
Notary Public: Anita Peterson  
Date Commission Expires: Oct. 1, 2005

KCC Office Use Only  
NO Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
\_\_\_\_\_  
Wireline Log Received  
\_\_\_\_\_  
Geologist Report Received  
\_\_\_\_\_  
UIC Distribution Received  
KANSAS CORPORATION COMMISSION

RECEIVED  
DEC 13 2004  
KCC WICHITA



JUN 17 2022  
CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

Side Two

Operator Name: OXY USA Inc. Lease Name: Pearson C Well #: 2

Sec. 32 Twp. 34 S. R. 41W East West County: Morton

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 (Attach Additional Sheets) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy) Yes No
List All E. Logs Run:

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

Received KANSAS CORPORATION COMMISSION JUN 17 2022 CONSERVATION DIVISION WICHITA, KS

CASING RECORD Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set, Weight, Setting Depth, Type of Cement, # Sacks Used, Type and Percent Additives. Rows include Conductor, Surface, and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD Table with columns: Purpose, Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Includes sub-sections for Perforate, Protect Casing, Plug Back TD, and Plug off Zone.

PERFORATION RECORD - Bridge Plugs Set/type Specify Footage of Each Interval Perforated. Includes Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) and Depth.

TUBING RECORD Table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Date of First, Resumed Production, SWD or Enhr. Producing Method (Flowing, Pumping, Gas Lift, Other).

Estimated Production Per 24 Hours Table with columns: Oil Bbbls, Gas Mcf, Water Bbbls, Gas-Oil Ratio, Gravity.

Disposition of Gas (Vented, Sold, Used on Lease) METHOD OF COMPLETION (Open Hole, Perf., Dually Comp., Commingled) Production Interval

JUN 17 2022

CONSERVATION DIVISION  
WICHITA, KS



**COMPENSATED DENSITY  
DUAL SPACED  
NEUTRON LOG**

COMPANY: CITIES SERVICE OIL & GAS CORP  
 WELL: 15129206250000  
 FIELD: WILBURTON  
 COUNTY: MORTON STATE: KANSAS  
 Location: C-NE-SE  
 Sec: 32 Twp: 34S Rge: 3E  
 Well: W.M.S.U. #1602  
 Perm. Datum: GRAVEL LEVEL Elev: 3763  
 Log Measured from: KELLY CASING 12 1/2" ABOVE FORM DATUM  
 Drilling Measured from: KELLY CASING  
 Date: 11-12-83  
 Run No: ONE  
 Depth: 5005'  
 Depth: 5011'  
 Depth: 5009'  
 Top Log Inter: 3000'  
 Casing: 5 1/2" x 14.5#  
 Casing: 7 1/8" x 14.5#  
 Bit Size: 12 1/8" x 14.5# 7 3/8" x 5005'  
 Type Fluid in Hole: CHEMOGELS  
 Gens: 1 Visc: 1.74  
 pH: 11.74 ml  
 Source of Sample: CHEMOGELS  
 R. of Meas. Temp: 2.8 @ 36"  
 R. of Meas. Temp: 4.2 @ 36"  
 R. of Meas. Temp: 11.8 @ 118"  
 Time Since Circ: 246  
 Max. Rec. Temp: 118 F @ 4950  
 Equip. Location: MSR2, LOGS&M  
 Recorded By: K.A. SECK  
 Witnessed By: MA. STANLEY

Fold Here

EQUIPMENT DATA				
GAMMA RAY		NEUTRON		DENSITY
Run No.	ONE	Run No.	ONE	ONE
Tool Model No.	2145	Log Type	DBH	DBH
Diameter	3-3/8"	Tool Model No.	2145	1275-T2
Detector Model No.	2145	Diameter	3-3/8"	3-3/8"
Type	SCINT.	Detector Model No.	2145	125
Length	4"	Type	HE3	5.0146-1000
Distance to N. Source	12"	Length	---	---
" " " "	30"	Source Model No.	024	065
GENERAL		Serial No.	03716	0624B
Hoist Truck No.	4542	Spacing	---	---
Instrument Truck No.	4542	Type	AMDB	CA127
Tool Serial No.	ASW-10633 PRO-17064X	Strength	4.210^213	0.561
	RUST-17166			

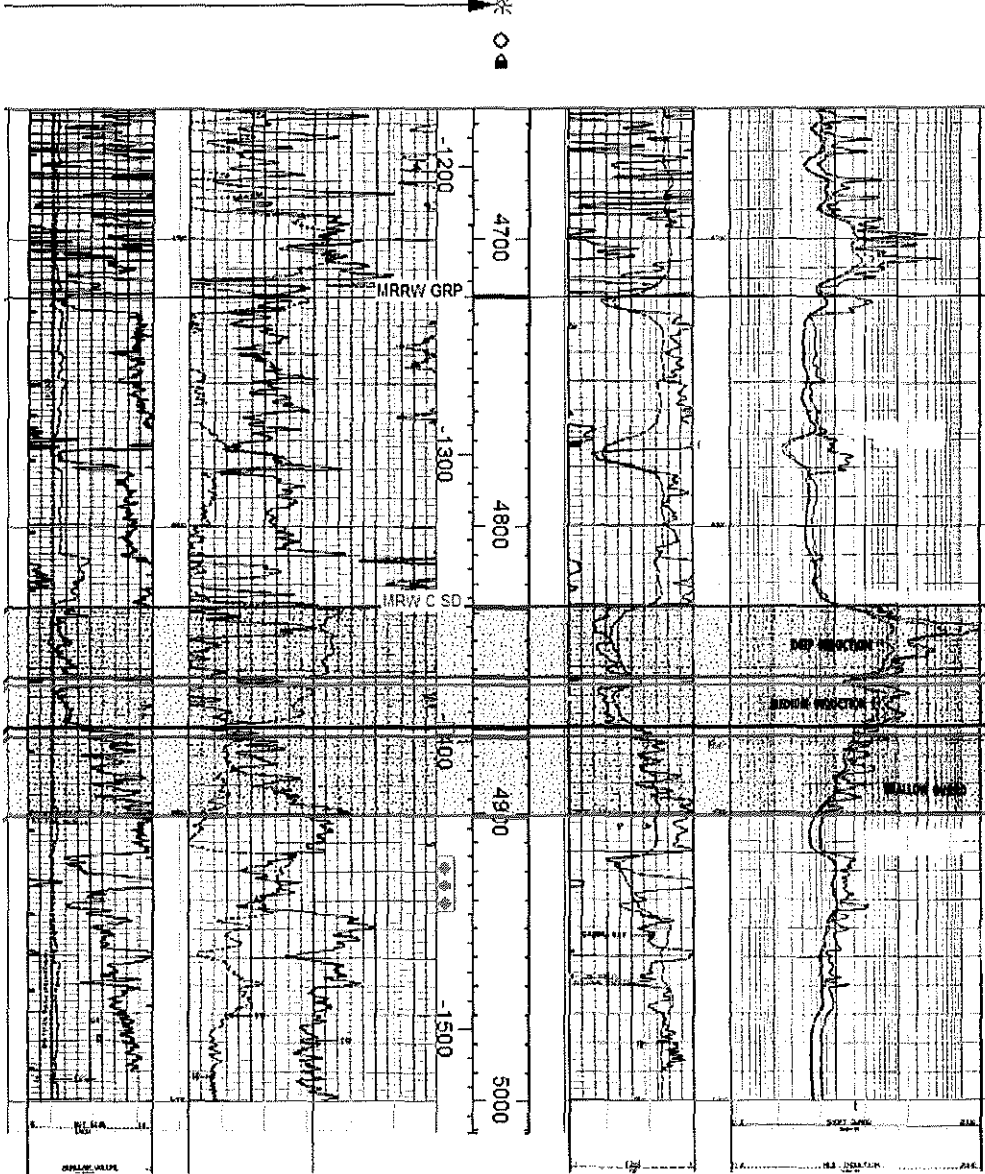
LOGGING DATA											
Run No.	GENERAL		GAMMA RAY				DENSITY				
	From	To	Speed	T.C.	Sens.	Zero	API G.R. Units	T.C.	Sens.	Zero	Units
			ft. Min	Sec	Settings	Div. L or R	per Log Div.	Sec	Settings	Div. L or R	per Log Div.
1	5000	9000	20	2	0-150	LEFT	15	4	1.5-2.0	---	0.05 gm/cc

Reference Literature:

Service Ticket No. 178945 Remarks: V.S.T.S. 1.3  
5 1/2" CASING  
USED FOR ANNULAR HOLE VOLUME

Fold Here

Pearson C 21602



Received  
KANSAS CORPORATION COMMISSION

JUN 17 2022

CONSERVATION DIVISION  
WICHITA, KS



MERIT ENERGY COMPANY

13727 Noel Road · Suite 1200 · Dallas, Texas 75240  
Ph 972.701.8377 · Fx 972.960.1252 · www.meritenergy.com

June 13, 2022

Todd Bryant  
Kansas Corporation Commission  
Oil & Gas Conservation Division  
266 N. Main St, Suite 220  
Wichita, KS 67202

Received  
KANSAS CORPORATION COMMISSION

JUN 17 2022

CONSERVATION DIVISION  
WICHITA, KS

Re: Merit Energy Company  
WMSU 1602 (Wilburton Morrow Sand Unit)  
Sec 32 T34S-R41W  
Morton Co., KS

To Ms. Metcalf:

Enclosed you will find the revised Form U-1 for the WENU 302W 604W & 606W. With the as drilled information. The legal notice affidavits are included. Notice has also been resent to the surface owner. Please let me know if you need any other information regarding this Form U-1. Enclosed are:

- WMSU 1602 Sec 32 T34S-R41W Morton Co., KS
- Form U-1 Application for Injection Well
  - Form U-8 Application to Amend Injection Permit
  - Sour Well List
  - WBD
  - AOR Map
  - Logs
  - Merit Check # 0080597799

Merit is permitting every well in the WENU Unit but will cancel some as the unit is drilled.

If there are any questions or concerns regarding this matter, please contact me at 972-628-1660 or to [Kathy.mcclurkan@meritenergy.com](mailto:Kathy.mcclurkan@meritenergy.com)

Sincerely,

Katherine McClurkan  
Regulatory Analyst  
(972) 628-1660

Enclosures