

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U3C
June 2015
Form must be Typed
Form must be completed
on a per well basis

**ANNUAL REPORT OF PRESSURE MONITORING,
FLUID INJECTION AND ENHANCED RECOVERY**

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____
Lease Name: _____
Well Number: _____

API No.: _____
Permit No.: _____
Reporting Year: _____
(January 1 to December 31)
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ E W
(a/a/a/a)
_____ feet from N / S Line of Section
_____ feet from E / W Line of Section
County: _____

I. Injection Fluid:

Type (Pick one): Fresh Water Treated Brine Untreated Brine Water/Brine
Source: Produced Water Other (Attach list)
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: _____ psi Injection Zone: _____
Maximum Authorized Injection Rate: _____ barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	_____	_____	_____	_____	_____
	February	_____	_____	_____	_____	_____
	March	_____	_____	_____	_____	_____
	April	_____	_____	_____	_____	_____
	May	_____	_____	_____	_____	_____
	June	_____	_____	_____	_____	_____
	July	_____	_____	_____	_____	_____
	August	_____	_____	_____	_____	_____
	September	_____	_____	_____	_____	_____
	October	_____	_____	_____	_____	_____
	November	_____	_____	_____	_____	_____
	December	_____	_____	_____	_____	_____
	TOTAL	_____	_____	_____	_____	_____



FESCO, Ltd.
1100 Fesco Avenue - Alice, Texas 78332

For: Rosewood Resources, Inc.
2101 Cedar Springs Road, Suite 1500
Dallas, Texas 75201

Date Sampled: 11/05/2014

Date Analyzed: 12/08/2014

Job Number: J46593

Sample: Isernhagen 03-23 SWD

FLASH LIBERATION OF SEPARATOR WATER		
	Tank Water Pump	Stock Tank
Pressure, psig	60	0
Temperature, °F	50	70
Gas Water Ratio (1)	-----	0.16
Pounds of Gas per 1000 Barrel	-----	11.09 lbs/1000 bbl
Gas Specific Gravity (2)	-----	0.916

(1) - Scf of water saturated vapor per barrel of stock tank water

(2) - Air = 1.000

Analyst: _____ T.G.

Piston No. : WF-304*

Base Conditions: 14.65 PSI & 60 °F

Certified: FESCO, Ltd. - Alice, Texas

David Dannhaus 361-661-7015

FESCO, Ltd.
1100 Fesco Ave. - Alice, Texas 78332

For: Rosewood Resources, Inc.
 2101 Cedar Springs Road, Suite 1500
 Dallas, Texas 75201

Sample: Isernhagen 03-23 SWD
 Gas Liberated From Separator Water Flashed
 From 60 psig & 50 °F to 0 psig & 90 °F

Date Sampled: 11/05/2014

Job Number: 46593.001

CHROMATOGRAPH EXTENDED ANALYSIS - SUMMATION REPORT

COMPONENT	MOL%	GPM
Hydrogen Sulfide*	0.008	
Nitrogen	0.051	
Carbon Dioxide	20.562	
Methane	72.105	
Ethane	1.619	0.430
Propane	0.629	0.172
Isobutane	0.132	0.043
n-Butane	0.379	0.119
2-2 Dimethylpropane	0.000	0.000
Isopentane	0.176	0.064
n-Pentane	0.259	0.094
Hexanes	0.525	0.215
Heptanes Plus	<u>3.555</u>	<u>1.655</u>
Totals	100.000	2.792

Computed Real Characteristics Of Heptanes Plus:

Specific Gravity ----- 3.841 (Air=1)
 Molecular Weight ----- 110.72
 Gross Heating Value ----- 5797 BTU/CF

Computed Real Characteristics Of Total Sample:

Specific Gravity ----- 0.916 (Air=1)
 Compressibility (Z) ----- 0.9953
 Molecular Weight ----- 26.40
 Gross Heating Value
 Dry Basis ----- 1040 BTU/CF
 Saturated Basis ----- 1023 BTU/CF

*Hydrogen Sulfide tested in laboratory by: Stain Tube Method (GPA 2377)
 Results: 5.031 Gr/100 CF, 80.0 PPMV or 0.008 Mol %

Base Conditions: 14.650 PSI & 60 Deg F

Certified: FESCO, Ltd. - Alice, Texas

Analyst: IM
 Processor: djv
 Cylinder ID: WF-10s

 David Dannhaus 361-661-7015

**CHROMATOGRAPH EXTENDED ANALYSIS
TOTAL REPORT**

COMPONENT	MOL %	GPM	WT %
Hydrogen Sulfide*	0.008		0.010
Nitrogen	0.051		0.054
Carbon Dioxide	20.562		34.281
Methane	72.105		43.820
Ethane	1.619	0.430	1.844
Propane	0.629	0.172	1.051
Isobutane	0.132	0.043	0.291
n-Butane	0.379	0.119	0.835
2,2 Dimethylpropane	0.000	0.000	0.000
Isopentane	0.176	0.064	0.481
n-Pentane	0.259	0.094	0.709
2,2 Dimethylbutane	0.000	0.000	0.000
Cyclopentane	0.000	0.000	0.000
2,3 Dimethylbutane	0.025	0.010	0.081
2 Methylpentane	0.121	0.050	0.394
3 Methylpentane	0.093	0.038	0.304
n-Hexane	0.286	0.117	0.933
Methylcyclopentane	0.063	0.022	0.202
Benzene	0.053	0.015	0.158
Cyclohexane	0.104	0.035	0.331
2-Methylhexane	0.131	0.061	0.497
3-Methylhexane	0.157	0.071	0.597
2,2,4 Trimethylpentane	0.000	0.000	0.000
Other C7's	0.145	0.063	0.546
n-Heptane	0.370	0.170	1.403
Methylcyclohexane	0.278	0.111	1.033
Toluene	0.130	0.043	0.455
Other C8's	0.619	0.286	2.583
n-Octane	0.355	0.181	1.536
Ethylbenzene	0.019	0.007	0.077
M & P Xylenes	0.134	0.051	0.538
O-Xylene	0.023	0.009	0.094
Other C9's	0.422	0.213	2.016
n-Nonane	0.236	0.132	1.146
Other C10's	0.225	0.130	1.203
n-Decane	0.072	0.044	0.388
Undecanes (11)	<u>0.020</u>	<u>0.012</u>	<u>0.109</u>
Totals	100.000	2.792	100.000

Computed Real Characteristics Of Total Sample:

Specific Gravity -----	0.916	(Air=1)
Compressibility (Z) -----	0.9953	
Molecular Weight -----	26.40	
Gross Heating Value		
Dry Basis -----	1040	BTU/CF
Saturated Basis -----	1023	BTU/CF