

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1232865

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R 🔲 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
☐ Oil       ☐ WSW       ☐ SHOW         ☐ 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:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  Total Vertical Depth: Plug Back Total Depth: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: sx cmt.
Original Comp. Date: Original Total Depth:  Deepening Re-perf. Conv. to ENHR Conv. to SWD  Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled         Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:
GSW Permit #:	Lease Name:
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:



Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ing and shut-in pressu	ormations penetrated. It res, whether shut-in presith final chart(s). Attach	essure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S		☐ Yes ☐ No			on (Top), Depth an		Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING	RECORD Ne	w Used			
			conductor, surface, inte		ion, 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
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD	T D	A -l-l'Ai	
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Does the volume of the to		n this well? aulic fracturing treatment ex submitted to the chemical	_	? Yes	No (If No, ski	o questions 2 ar o question 3) out Page Three	
Shots Per Foot		N RECORD - Bridge Plug potage of Each Interval Per			cture, Shot, Cement		d Depth
	Зреспу г с	Johage of Lacit interval Fer	iorateu	(Al	niount and Kind of Ma	leriai Useuj	Берш
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		ı
Date of First, Resumed	Production, SWD or ENH	R. Producing Met		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf Wat	er B	bls. G	as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole	Perf. Dually	Comp. Cor	nmingled		
(If vented, Sub	omit ACO-18.)	Other (Specify)	(Submit )	400-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	RJM Company
Well Name	Gregory 1
Doc ID	1232865

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	389	Common		3% CC, 2% Gel
Production	7.875	5.5	15.5	3437	Common	180	10% Salt, 5% Gil

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 686

4 4 4 4	Sec.	Twp.	Range		County	State	On Location	Finish
Date 1/-6-14	24	17	12	Bu	rton	K5		12:00AM
	, M		1	Locati	ion Odin, 1	5, 2E, Nn2		1 1 2 1
Lease Gregory	- X V	1	Nell No.	100	Owner			
Contractor Royal #7	2				You are hereb	well Cementing, Inc.	cementing equipmen	it and furnish
Type Job Surface					cementer and	helper to assist own	er or contractor to d	o work as listed.
Hole Size 12 4		7	89	= Nya -	Charge RJ	M	X 124	
Csg. 8 1/8		Depth 🛴	389	2 11	Street			* ''. **********************************
Tbg. Size		Depth	15 .51	1177	City Table 1	1.5	State	
Tool		Depth					d supervision of owner	
Cement Left in Csg.		Shoe Jo	oint 20	(*)	Cement Amou	int Ordered / 80 5	x com, 3%cc	12%901
Meas Line			23661		life at 11.			
To the district	EQUIPME	ENT			Common			<u> </u>
Pumptrk / 7 No. Cem	er Loan	itw			Poz. Mix	2 - 2 1 1 X X		
Bulktrk /5 No. Drive	r Doug			T FILE	Gel.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		12
Bulktrk PU No. Drive					Calcium		72 ( X	NE 2 9
JOB SI	ERVICES &	REMAR	RKS		Hulls			
Remarks: Cemento	lid circ	ulate	2	pi Peri	Salt	n a gara	a efficie, a e	
Rat Hole				6.4	Flowseal			
Mouse Hole				14	Kol-Seal			
Centralizers	F1 \X			1.0	Mud CLR 48	v 2	92.5	
Baskets				e ya ka	CFL-117 or CI	D110 CAF 38	3	21.75
D/V or Port Collar		Star .	The state of the s	1170	Sand	50 A		
V 6 4 1 4 1			100		Handling			
	-				Mileage			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
						FLOAT EQUIPME	INT	
					Guide Shoe			
					Centralizer			
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				7.5	Float Shoe			12.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
acid in a west			100 - 100 -		Latch Down	n e e e e e e e e e e e e e e e e e e e	a Company	
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1					Mileage			
1	- 47	11 10	The same of the sa		K. 1	E. 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tax	
I Land	TXT	424		750	San e	e an e	Discount	
X Signature	10	1	Y 1 a 2		ing really		Total Charge	

# QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date   -   7 -   4   24   17   2   Bactor   5   700PM    Location Odin   5   72   No. 7    Contractor Royal   12   7   2   2   2   2   2    Contractor Royal   12   7   2   2   2   2   2    Contractor Royal   12   7   2   2   2   2   2    Type Job   70   5thing   7   7   7   7   7    Type Job   70   5thing   7   7   7   7    Type Job   70   7   7   7   7    Csg.	- T P - P - E	Sec.	Twp.	Range		County	State	On Location	Finish
Lease Gregory  Contractor Roy 21 22  Contractor Roy 21 22  Type Job Jonn 57 419  Type Job Jonn 57 419  Cag.  Dopth 3 9 37 140  Cag.  Dopth 3 9 37 140  Street  Cag.  Dopth 3 9 37 140  Street  Tool Depth  The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Cag.  Meas Line  Displace 31 12 bbl  Common  Pumptri 7 No  Common  Pumptri 7 No  Common  Pumptri 7 No  Common  Displace 31 12 bbl  Common  Pumptri 8 No  Displace 13 12 bbl  Common  Displace 31 12 bbl  Common  Pumptri 8 No  Displace 13 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Common  Pumptri 9 No  Common  Pumptr	Date //-/2-/	4 24	17	12	Ba	cton	k5		.7:00PM
Lease Gregory  Contractor Roy 21 22  Contractor Roy 21 22  Type Job Jonn 57 419  Type Job Jonn 57 419  Cag.  Dopth 3 9 37 140  Cag.  Dopth 3 9 37 140  Street  Cag.  Dopth 3 9 37 140  Street  Tool Depth  The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Cag.  Meas Line  Displace 31 12 bbl  Common  Pumptri 7 No  Common  Pumptri 7 No  Common  Pumptri 7 No  Common  Displace 31 12 bbl  Common  Pumptri 8 No  Displace 13 12 bbl  Common  Displace 31 12 bbl  Common  Pumptri 8 No  Displace 13 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Displace 31 12 bbl  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 9 No  Common  Pumptri 17 No  Common  Pumptri 9 No  Common  Common  Pumptri 9 No  Common  Pumptr	, the state			. 34 C =	Locati	ion Odin 1	5, 1/2 E, NA	2	38. <sup>772</sup> N :
Contractor Roy 2 12 2 TO Quality Oliwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.  Type Job Long Storing  Thou Storing  Thou Storing  Thou Storing  Thou Storing  Thou Storing  Thou Storing  The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg.  Shoe Joint The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg.  Bouldrik Plant Displace Plants Plants  EQUIPMENT  Common  Former  Forme	Lease Gregor	V	V	Vell No.	Te tr	Owner .			
Tool Depth 3437, 40 Street  Cag. Depth 3437, 40 Street  Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint 77  Cement Amount Ordered 180 com 10 % 55 + 5 % Grizonti.  Meas Line Displace 81 ½ 566  EQUIPMENT Common  Pumptik 7 No. Helipor Johns W. Gell.  Bulkrik 9 No. Driver 1907  Bulkrik 9 No. Driver 1907  Gell.  JOB SERVICES & REMARKS  Hulls  Remarks: Salt  Rowseal  Mouse Hole 17 5x  Kol-Seal  Contralizers  Baskets  DV or Port Collar  Fire can before \$1 \text{ and }  a	Contractor Roya	5 T T T T T T T T T T T T T T T T T T T			· · · · · · · · · · · · · · · · · · ·	You are here	by requested to rer	it cementing equipmen	t and furnish
The Size   Depth   Street   State   Tool   Depth   City   State   The above was done to satisfaction and supervision of owner agent or contractor. Cerment Left in Csg.   Shoe Joint   7   Cerment Amount Ordered   30 Corn   10 % 5 at 4 , 7 % G/l part   Meas Line   Displace   1/2 bb    EQUIPMENT   Common   Pumptrk   No.   Direct   Heliper Jointe   No.   Direct   Heliper Jointe   No.   Direct   Poz. Mix   Bulktrik   No.   Direct   Direct   Poz. Mix   Bulktrik   No.   Direct   Poz.   Gel.   Bulktrik   No.   Direct   Poz.   Ge	Type Job Jong 5	tring		1 San dis		1	a neiper to assist o	wher or contractor to de	Work as listed.
Case. Depth 517,40 Street  Tbg. Size Depth City State  The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint 1,7 Cement Amount Ordered 180 com, 10 % 5 at 1,7 % Gillsonth.  Meas Line Displace 2 12 bbl Common  EQUIPMENT Common  Pumptik   No.   Cementer   Poz. Mix   Poz. Mi	Hole Size				- 17	To To	101	967	
Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint 9.71 Cement Amount Ordered 18.0 Com. 10.26 Sept. 3.26 Gill south.  Meas Line Displace 8.12 2.66 Common  EQUIPMENT Common  Pumptrk 17 No. 16 Cementer Helper Loane 17.71 Poz. Mix  Bulktrk 9 No. Driver 17.07 Gel.  Bulktrk 9 No. Driver 17.07 Catcium  JOB SERVICES & REMARKS Hulls  Remarks: Salt  Flowseal  Mouse Hole 17.5x Kol-Seal  Mouse Hole 17.5x Kol-Seal  Mud CLR 48.500 gal  Baskets CFL-117 or CD110 CAF 38.  Sand  Fige on Author booke 17.72 and 17.05 Sand 17.05 Sand  Mileage PLOAT EQUIPMENT  Gel.  Pumptrk Pumptrk Shoe 1 Sand Place 2 Sand  Fige on Author South 17.05 Sand 17.05 Sand  Fige on Author South 17.05 Sand  Fige on Author	Csg.		Depth 3	3437,40		Street			- 1995
Cement Left in Csg. Shoe Joint 9.71 Cement Amount Ordered 180 com 10 % 5 pl + 5 % Gilsont in Meas Line    Displace 8   1/2 bb   Common	Tbg. Size	<u> </u>	Depth	* :	Y 8	7 - 2/			<u> </u>
Meas Line    Displace 8   2   2   2   2   2   2   2   2   2	Tool			- 411	1 1 1				
Pumptrk No. Camenter Heliper Poz. Mix  Bulktrk 9 No. Driver Prof. Gel.  Bulktrk 9 No. Driver Prof. Gel.  JOB SERVICES & REMARKS Hulls  Remarks: Salt:  Rat Hole 30 × Flowseal  Kol-Seal  Centralizers Mud CLR 48 500 gal  Baskets CFL-117 or CD110 CAF 38  DAY or Port Collar  Flow or Anthon States From the Prof. Mileage  FLOAT EQUIPMENT  Guide Shoe  Gentralizer General Prof. Gel.  Sand  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer Gel.  Pumptrk Charge.  Mileage  Tax  Dissount	Cement Left in Csg	9	Shoe Jo	int 9, 7/	3).	Cement Amo	unt Ordered /80	com, 10 7050/f	, 5 % Gilsoni
Pumptrk No. Helper Annue No. Helper Annue No. Driver Bulktrk Pt. No. Driver Dri	Meas Line		Displace	8/266	<u> </u>	1 1 1 1 1 1			
Pumptrk   Minker   Mi	A CONTRACTOR	TA	MENT	i i		Common			ļ <del>ļ</del>
Bulktrk 9 No. Driver 1/100 Gel.  JOB SERVICES & REMARKS  Hulls  Salt  Rat Hole 305x  Mouse Hole 5 5x  Kol-Seal  Centralizers  Baskets  CFL-117 or CD110 CAF 38  D/V or Port Collar  Sand  Handling  SOGGAT MAST 1/100 CAF 38  D/V or Port Collar  Sand  Handling  SOGGAT MAST 1/100 CAF 38  D/V or Port Collar  Sand  Handling  SOGGAT MAST 1/100 CAF 38  D/V or Port Collar  Sand  Handling  Sofgat Mast 1/100 CAF 38  D/V or Port Collar  Sand  Handling  SOGGAT MAST 1/100 CAF 38  D/V or Port Collar  Sand  Handling  FLOAT EQUIPMENT  Suide Shoe  Centralizer 9  Baskets 2  AFU Inserts  Float Shoe 1  Latch Down 1  The Insert of 1900 Get 1  Mileage  Tax  Discount	Pumptrk / 7 No.	Helper Loni	ile.W.			Poz. Mix			1 200
Bulktrk PU Driver Touris Calcium  JOB SERVICES & REMARKS Hulls  Remarks:  Rat Hole 30 px Flowseal  Mouse Hole / 5 px Kol-Seal  Centralizers  Mud CLR 48 500 gal  Baskets  D/V or Port Collar  Fac on Author broke for the hard Mileage  Int Phone Retained by the form of the hard Mileage  Int Phone Retained form of the hard Mileage  Inter Related that and displace for the Baskets Z  AFU Inserts  Float Shoe i  Latch Down I  Pumptrk Charge  Mileage  Tax  Discount	Bulktrk 9 No.	Driver / 4/0f			1	Gel.	,	8 9C	1982
Remarks:  Rat Hole 30 sx  Mouse Hole 15 sx  Centralizers  Baskets  CFL-117 or CD110 CAF 38  D/V or Port Collar  Place on Attemption for the Contralizer of Handling  Mileage  The Physical Refuse Land 130 state Market  Guide Shoe  Centralizer of Centralizer of Baskets  AFU Inserts  Float Shoe i  Latch Down I  Discount  Tax  Discount	Bulktrk Pu No.	Driver Trans	5	- A 1		Calcium			
Rat Hole 305x  Mouse Hole 155x  Kol-Seal  Centralizers  Mud CLR 48 500 gal  Baskets  D/V or Port Collar  Fige on Affine Basket 175 state from Figure  Fige on Affine Basket 175 state from Figure  Basket 175 state from Figure  FLOAT EQUIPMENT  Guide Shoe  Centralizer 9  Baskets 7  AFU Inserts  Float Shoe I  Latch Down I  Fige Guide Shoe  Catherine Baskets 7  Bask	No. 10. 1 29.	OB SERVICES	& REMAR	RKS		Hulls	a de la companya de l	1 1 1	
Mouse Hole   5 5 5	Remarks:	ii.	312	e <sup>8</sup>   1 <sub>0</sub>	e . 1	Salt			2
Centralizers  Baskets  CFL-117 or CD110 CAF 38  DN or Port Collar  Fine on Notion broke circ is from Prince  Handling  500 part And CR 18 and 10 11 ft for Mileage  Int Prince State both 30 state Mouse FLOAT EQUIPMENT  Suite Shoe  Sand  Guide Shoe  Centralizer I  Baskets 7  AFU Inserts  Float Shoe I  Latch Down I  The Journal of 100 ps  Pumptrk Charge  Mileage  Tax  Discount	Rat Hole 305%				7	Flowseal			1 2 3
Baskets  D/V or Port Collar  Fine or Notifical broke Circuit from Finite  Baskets  D/V or Port Collar  Fine or Notifical broke Circuit from Finite  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer    Baskets    AFU Inserts  Float Shoe    Latch Down    Fine   Pumptrk Charge    Mileage  Tax  Discount	Mouse Hole / 5 5x				4	Kol-Seal			
DN or Port Collar  Fine on Notion broke circuit from Finaling  500 and Mind of R 118 and 1011 from Milleage  1-1 Philip of Ret Lab but 130 to and Philips  Guide Shoe  Centralizer 9  Inner Retained Philips and displace forth  Baskets Z  AFU Inserts  Float Shoe i  Latch Down I  The Inventor of 100 gs Pumptric Charge  Mileage  Tax  Discount	Centralizers				9.5	Mud CLR 48	500 gal	1 5 50 -	
Fige on hollow broke circuit from Finding  500 pair And FR 15 and 1011 from 15 Mileage  Int. Princed Returned Light 2 and May Guide Shoe  Guide Shoe  Gentralizer 9  Intel Returned Vigshed Interval Little And Shoe in Latch Down i  Float Shoe i  Latch Down i  Pumptrk Charge  Mileage  Tax  Discount	Baskets	99 7			V (45.77	CFL-117 or C	D110 CAF 38	2.	
Mileage  FLOAT EQUIPMENT  Guide Shoe  Guid	D/V or Port Collar					Sand			
FLOAT EQUIPMENT  Social with 15 ss. Hook and 1/2 and My Guide Shoe    35 sx 5hu + downard washed my and Centralizer	Pine on botto	m dicake el	er deta	on Handi	od a	Handling			
Guide Shoe    355x 5hy + downcord washed militarian   Centralizer 9     1   1   1   1   1   1   1   1   1		Y990,0009999	900000000000000000000000000000000000000		-hint	Mileage			3 20
Guide Shoe    355x 5hut dewnound washed pulmound Centralizer 9     1   1   1   1   1   1   1   1   1	it. Phines Re	othele wit	130 s	Const Man	+ p	24	FLOAT EQUIP	JENT	
Centralizer 9  Inner Released Play and displayed both Baskets Z  SIVE La Diamed Tomoral and The Mark AFU Inserts  Float Shoe 1  Latch Down 1  Float Carried at 200 ps Pumptrk Charge  Mileage  Tax  Discount	hale with 15	sk. Hook y	Altonomic St. 7	7 774		Guide Shoe			
AFU Inserts Float Shoe  Latch Down I  Flue   Griffer of 1999   Pumptrk Charge  Mileage  Tax Discount	1355x Shut	downoind		4		Centralizer 9			
Float Shoe I  Latch Down I  Flue / Guide of 1902 gs Pumptrk Charge  Mileage  Tax  Discount	Lines Redeas	ed Plin Gui	1 disal	acest hit	h	Baskets Z	1		97
Float Shoe I Latch Down I  Float Shoe I  Latch Down I  Float Shoe I  Discount  Float Shoe I  Latch Down I  Float Shoe I  Float Shoe I  Latch Down I  Float Shoe I  Float S	8142 KM 11 11 11	word Torrela	long of	he w	. 111	AFU Inserts			· · ·
Latch Down I  The Journal of 1999 Pumptrk Charge  Mileage  Tax  Discount	- (				7.4	Float Shoe		VA = -1 II	34 01 =
The long 200 of 200 of 200 ps Pumptrk Charge  Mileage  Tax  Discount			100			7			
Pumptrk Charge  Mileage  Tax  Discount	1,44,	110 Starte	200 %	518 -		er n d	<i>i</i>	N. C.	
Mileage Tax Discount		- 1	1						
Mileage Tax Discount	Phia lan	dolor	100-	281		Pumptrk Char	ge		
Tax Discount			~ /	£.800.1					
	-1	- A (	111			V.		Tax	
X Signature // / P Total Charge	7	- X	JAXI.	$g_{i}$	3.80	, 7 ex d		Discount	
	X Signature	11/1/12	W. J.		. 11 8	E FINE OF T	15 (E) 82	Total Charge	

## DIAMOND TESTING

General Information Report

#### **General Information**

Company Name	RJM COMPANY	Representative	TIM VENTERS
Contact	CHRIS HOFFMAN	Well Operator	RJM COMPANY
Well Name	GREGORY #1	Report Date	2014/11/11
Unique Well ID	DST #1, LANSING "H-M", 3218-3340	Prepared By	TIM VENTERS
<b>Surface Location</b>	SEC 24-17S-12W, BARTON CO. KS.		
Field	WILDCAT	Qualified By	<b>WYATT URBIN</b>
Well Type	Vertical	•	
Test Type	CONVENTIONAL		
Formation	DST #1, LANSING "H-M", 3218-3340		

Well Fluid Type 01 Oil

 Start Test Date
 2014/11/11
 Start Test Time
 08:33:00

 Final Test Date
 2014/11/11
 Final Test Time
 14:49:00

#### **Test Recovery:**

**RECOVERY: 315' GAS IN PIPE** 

80' GO, 11% GAS, 89% OIL, GRAVITY: 35 180' G,OCM, 13% GAS, 20% OIL, 67% MUD

260' TOTAL FLUID

TOOL SAMPLE: 32% OIL, 68% MUD

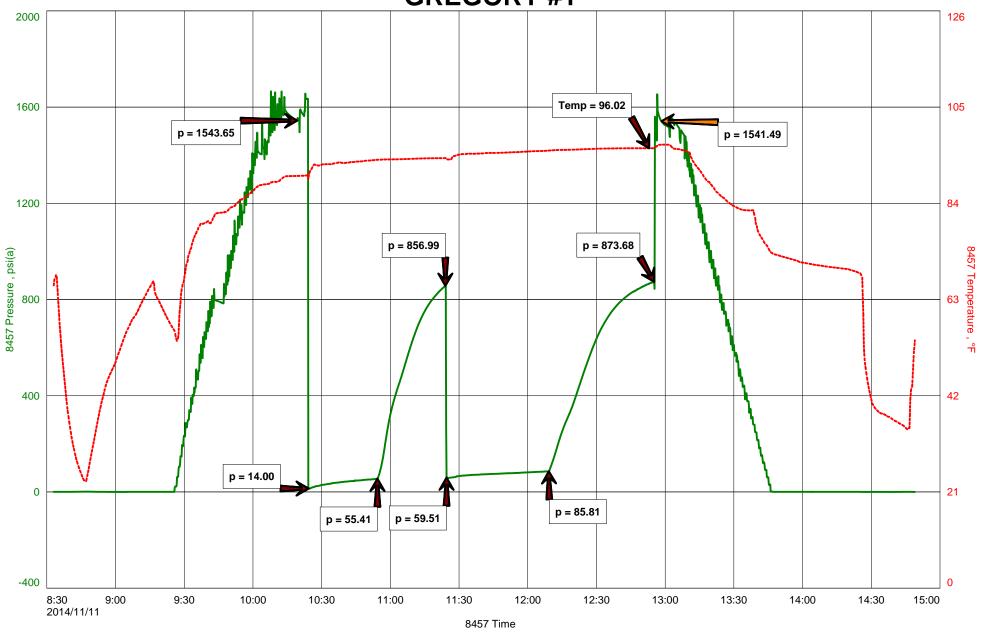
RJM COMPANY DST #1, LANSING "H-M", 3218-3340 Start Test Date: 2014/11/11

Final Test Date: 2014/11/11

GREGORY #1 Formation: DST #1, LANSING "H-M", 3218-3340

Pool: WILDCAT Job Number: T415







# P.O. Box 157

HOISINGTON, KANSAS 67544 (800) 542-7313

### DRILL-STEM TEST TICKET

FILE: GREGORY1DST1

TIME ON: 08:33

TIME OFF: 14:49

Company RJM COMPANY	Lease & Well No. GREGORY #1
Contractor ROYAL DRILLING, INC. RIG #2	Charge to RJM COMPANY
55.53(93)55(55)	
	nge12 W CountyBARTONStateKANSA
MAYATT LIDDINI	Diamond Representative TIMOTHY T. VENTERS
Formation Test No. 1 Interval Tested from 32	
2242	
0040	Packer depth ft. Size 6 3/4 in.
	Packer depthft. Size 6 3/4 in.
Depth of Selective Zone Set	0.457
Top Recorder Depth (Inside) 3199 ft.	Recorder Number 8457 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number         11030 Cap.         5,025 P.S.I.
	Recorder Number Cap P.S.I.
Mud Type CHEMICAL Viscosity 54	Drill Collar Length
	Weight Pipe Length 0 ft. I.D. 2 7/8
0	Drill Pipe Length 3185 ft. I.D 3 1/2
100 (100 (100 (100 (100 (100 (100 (100	Test Tool Length 33 ft. Tool Size 3 1/2-IF
	Anchor Length 25 ft. Size 4 1/2-FH 97 DP IN ANCHOR
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size 1 in. Bottom Choke Size 5/8
Blow: 1st Open: GOOD 1 INCH BLOW, BUILDING, RE	EACHING BOB 14 MIN. (NO BB)
2nd Open: WEAK 1/2 INCH BLOW, BUILDING, REA	ACHING BOB 12 1/2 MIN. (NO BB)
Recovered 315 ft. of GAS IN PIPE	
Recovered80 ft. of GO, 11% GAS, 89% OIL, GRAVITY: 35	
Recovered 180 ft. of G,OCM, 13% GAS, 20% OIL, 67% MU	D
Recovered 260 ft. of TOTAL FLUID	
Recovered 260 ft. of TOTAL FLUID	Price Job
Recovered 260 ft. of TOTAL FLUID	
Recovered         260 ft. of         TOTAL FLUID           Recovered         ft. of           Recovered         ft. of	Price Job
Recovered 260 ft. of TOTAL FLUID  Recovered ft. of	Price Job Other Charges
Recovered 260 ft. of TOTAL FLUID  Recovered ft. of Recovered ft. of TOTAL FLUID  Remarks: TOOL SAMPLE: 32% OIL, 68% MUD	Price Job Other Charges Insurance Total
Recovered 260 ft. of TOTAL FLUID  Recovered ft. of Recovered ft. of Remarks:	Price Job Other Charges Insurance  Total  12:54 PM A.M. P.M. Maximum Temperature 96 deg.
Recovered 260 ft. of TOTAL FLUID  Recovered ft. of Recovered ft. of TOTAL FLUID  Remarks:  TOOL SAMPLE: 32% OIL, 68% MUD  Time Set Packer(s) 10:24 AM A.M. P.M. Time Started Off Bot Initial Hydrostatic Pressure.	Price Job Other Charges Insurance  Total  12:54 PM A.M. P.M. Maximum Temperature 96 deg.  (A) 1544 P.S.I.
Recovered         260 ft. of         TOTAL FLUID           Recovered         ft. of           Remarks:         TOOL SAMPLE: 32% OIL, 68% MUD           Time Set Packer(s)         10:24 AM         A.M. P.M. Time Started Off Bot Initial Hydrostatic Pressure           Initial Flow Period         Minutes         30	Price Job Other Charges Insurance  Total  tom 12:54 PM A.M. P.M. Maximum Temperature 96 deg.  1544 P.S.I. (B) 14 P.S.I. to (C) 55 P.S.I.
Recovered 260 ft. of TOTAL FLUID  Recovered ft. of Recovered ft. of TOTAL FLUID  Remarks:  TOOL SAMPLE: 32% OIL, 68% MUD  Time Set Packer(s) 10:24 AM A.M. P.M. Time Started Off Bot Initial Hydrostatic Pressure	Price Job Other Charges Insurance  Total  12:54 PM A.M. P.M. Maximum Temperature 96 deg.  (A) 1544 P.S.I. (B) 14 P.S.I. to (C) 55 P.S.I. (D) 857 P.S.I.
Recovered         260 ft. of         TOTAL FLUID           Recovered         ft. of           Remarks:         TOOL SAMPLE: 32% OIL, 68% MUD           Time Set Packer(s)         10:24 AM         A.M. P.M. Time Started Off Bot Initial Hydrostatic Pressure           Initial Flow Period         Minutes         30	Price Job Other Charges Insurance  Total  tom 12:54 PM A.M. P.M. Maximum Temperature 96 deg.  1544 P.S.I. (B) 14 P.S.I. to (C) 55 P.S.I.
Recovered         260 ft. of         TOTAL FLUID           Recovered         ft. of           Remarks:	Price Job Other Charges Insurance  Total  12:54 PM A.M. P.M. Maximum Temperature 96 deg.  (A) 1544 P.S.I. (B) 14 P.S.I. to (C) 55 P.S.I. (D) 857 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.