Confidentiality Requested: Yes No

Recompletion Date

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1181156

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:	
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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/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
Dual Completion Permit #:	Dewatering method used:
SWD         Permit #:	Location of fluid disposal if hauled offsite:
ENHR         Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West

County:

## AFFIDAVIT

Recompletion Date

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:

Permit #:\_

	Page Two	1181156
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chow important tang of formations ponetrated	Dotail all coros Roport al	I final copies of drill stome tests giving interval tested, time teal

**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 (Attach Additional Sho	eets)	Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-c	onductor, surface, inte	ermediate, producti	on, 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 / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
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 hyd	Iraulic fracturing treatment ex	ceed 350,000 gallons?	Yes	No	(If No, skip question 3)
Was the hydraulic fracturing	treatment informatio	n submitted to the chemical c	lisclosure registry?	Yes	No	(If No, fill out Page Three of the ACO-1)

	PERFORATION Specify For	RECOF	RD - Bridge Plug Each Interval Perf	s Set/Typ orated	)e				Depth
Si	ze:	Set At:		Packe	r At:	Liner F	lun:	No	
I Product	ion, SWD or ENHF	<b>}</b> .	Producing Meth		ping	Gas Lift	Other (Explain)		
	Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
d 🗌	Used on Lease		Open Hole	Perf.	Dually (Submit A	Comp. (CO-5)	Commingled (Submit ACO-4)		{VAL:
	I Product	Specify Foo	Specify Footage of I	Specify Footage of Each Interval Peri	Specify Footage of Each Interval Perforated Size: Set At: Packe Size: Set At: Packe Production, SWD or ENHR. Producing Method: Flowing Pum Oil Bbls. Gas Mcf ON OF GAS: METHOD d Used on Lease Open Hole Perf.	Size:       Set At:       Packer At:         I Production, SWD or ENHR.       Producing Method:         I Production, SWD or ENHR.       Producing Method:         I Flowing       Pumping         Oil       Bbls.         Gas       Mcf         Wate         ON OF GAS:       METHOD OF COMPLE         I Used on Lease       Open Hole       Perf.         Dually       (Submit A)	Specify Footage of Each Interval Perforated	Specify Footage of Each Interval Perforated       (Amount and Kind         (Amount and Kind       (Amount and Kind         Size:       Set At:         Packer At:       Liner Run:         Yes       [         I Production, SWD or ENHR.       Producing Method:         Flowing       Pumping         Gas       Lift         Oil       Bbls.         Gas       Mcf         Water       Bbls.         ON OF GAS:       METHOD OF COMPLETION:         Used on Lease       Open Hole         Open Hole       Perf.         Dually Comp.       Commingled         (Submit ACO-5)       (Submit ACO-4)	Specify Footage of Each Interval Perforated       (Amount and Kind of Material Used)         (Amount and Kind of Material Used)         (Amount and Kind of Material Used)         Size:       Set At:         Size:       Set At:         Packer At:       Liner Run:         Yes       No         I Production, SWD or ENHR.       Producing Method:         Flowing       Pumping         Gas       Mcf         Water       Bbls.         Gas-Oil Ratio         ON OF GAS:       METHOD OF COMPLETION:         Used on Lease       Open Hole         Open Hole       Perf.         Dually Comp.       Commingled (Submit ACO-5)         Commingled       Commingled

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

ate 7-14-13 33 13 1 A base 5 5 10 5 Well No. 1 contractor 5 20/20/ 7 1 ppe Job Korzer Alug ole Size 7/5 T.D. 3645 sg. Depth ool Depth ement Left in Csg. Shoe Joint leas Line Displace EQUIPMENT umptrk 15 No. Converted Heiper Alug Displace EQUIPMENT JOB SERVICES & REMARKS	is $ks$ $iis$ $iin$ $fill = 3i$ $iii = 3i$ $iin$ $fill = 3i$ $iii = 3i$ $iin$ $fill = 3i$ $iii = 3i$ $owner$ $fill = 3iii = 3iii$ $iii = 3iii = 3iii$ $fill = 3iii = 3iiii = 3iiii = 3iiii = 3iiii = 3iiii = 3iiii = 3iiiii = 3iiiiii = 3iiiii = 3iiiiiii = 3iiiiiiii$
Local base Strand S Well No. 1 Ontractor ) Scovery #  prove Job Kotter / Plug Job Ko	Owner       To Quality Oilwell Comenting, Inc.       You are hereby requested to rent comenting equipment and furnish comenter and helper to assist owner or contractor to do work as listed       Charge       To       U       Charge       City       State       The above was done to satisfaction and supervision of owner agent or contract       Cement Amount Ordered       Common/4/       Poz. Mix 94
ID TRACET DEPTH OF THE DEPTH OF	Owner         To Quality Oliveil 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         Charge       Image: Charge image: Charge: Cha
ID TRACET DEPTH OF THE DEPTH OF	To Quality Olivell Comenting, Inc. You are hereby requested to rent comenting equipment and furnish comenter and helper to assist owner or contractor to do work as listed Charge Common (Comparison of Common (Common (Comm(Comm (Common (Common (Common (Common (
ppe Job Korrer Alua     ponter Alua     ppe Job Korrer Alua     ppe Job K	cementer and helper to assist owner or contractor to do work as listed         Charge         To         Street         City         State         The above was done to satisfaction and supervision of owner agent or contract         Cernent Amount Ordered         25         Common/4/         Poz. Mix         94
ole Size     T.D. 3645       sg.     Depth       bg. Size     Depth       bol     Depth       ement Left in Csg.     Shoe Joint       leas Line     Displace       EQUIPMENT     Displace       umptrk     No.       Correction     Displace       Uktrk     No.       Diriver     Diriver       Uktrk     No.       Diriver     Diriver       JOB SERVICES & REMARKS	To C. G. D. J. Street City State The above was done to satisfaction and supervision of owner agent or contract Cerment Amount Ordered 35 6740 471/652 1434477 Common/4/ Poz. Mix 94
sg. Depth  bg. Size Depth  column col	Street City State The above was done to satisfaction and supervision of owner agent or contract Cement Amount Ordered 235 6740 4116E2 143447 Common/41 Poz. Mix 94
bg. Size     Depth       bol     Depth       ement Left in Csg.     Shoe Joint       leas Line     Displace       ement Left in Csg.     Shoe Joint       ueas Line     Displace       umptrk     No.       Driver     Heiper       uiktrk     No.       Driver     Heiper       uiktrk     No.       Driver     Heiper       JOB SERVICES & REMARKS	City State The above was done to satisfaction and supervision of owner agent or contrac Cement Amount Ordered 335 6740 476672 743447
Depth       pool     Depth       perment Left in Csg.     Shoe Joint       leas Line     Displace       EQUIPMENT       umptrk L S No.     Cementer Carts       Heiper     Driver       uiktrk     No.       Doriver     Driver       JOB     Services & REMARKS	The above was done to satisfaction and supervision of owner agent or contract Cement Amount Ordered 235 6740 41652 14147 Common/4/
ement Left in Csg. Shoe Joint leas Line Displace EQUIPMENT umptrk L S No. Cemente Car's Heipert Car's Uktrk No. Driver Car's Uktrk No. Driver Car's JOB SERVICES & REMARKS	Common/4/ Poz. Mix 94
Ideas Line Displace EQUIPMENT Umptrk L No. Commenter Car's Heiper uiktrk No. Driver Driver Uiktrk No. Driver JOB SERVICES & REMARKS	Common/4/ Poz. Mix 94
EQUIPMENT	- Poz. Mix 94
umptrk LS No. Cemente Caris Heiper ulktrk No. Driver Driver Ulktrk No. Driver Driver JOB SERVICES & REMARKS	- Poz. Mix 94
umptrk () Helper uiktrk No. Driver Uiktrk No. Driver Driver JOB SERVICES & REMARKS	8
ulktrk 16 No. Driver 24/10/V Driver 24/10/V JOB SERVICES & REMARKS	
JOB SERVICES & REMARKS	Calcium
	Hulls
	Salt
iemarks:	Flowseal 60 #
lat Hole 305K	Kol-Seal
louse Hole 1.53K	Mud CLR 48
entralizers	
askets	CFL-117 or CD110 CAF 38
/V or Port Collar	Sand
3528 50512	Handling 43
1300 50SR	Mileage
5 650 805K	The second s
- 10 10se	Guide Shoe
And a star and the second in the second and we have	Centralizer 878 Dry Hole Plug
to the manager provided and intended. OUAL (* 5. 60406*)	Baskets
and the second	AFU Inserts
	Float Shoe
	Latch Down
tive materials, products of 80.	
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	Pumptrk Charge Dlug
puracy of odmediate or serve acces, anormalish, or oracle remaining	Mileage Tax
neues as announces of QUALITY of its employees in the	Discount
1.1.1.0	and shows for an an an interesting the part that to figure the to the state
Signature Uf Myfel	Total Charge

Date 7-7-13 Sec. 33	Twp.	Range	County Ellis	State ks	On Location	Finish 19:45 A
Date / ///	inacise i	The second second	Location T-70	a toulon IN,	IF SWF ng	10.1001
Lease Sand J	i to eter	Well No. ]	Owner		1-10 40 114	alava avn avg Stanot era preiba
Contractor Discovery		Wen Wo. 1	To Qualit	Oilwell Cementing, Ind	. B I WE SIGEORDES	ree to pay under
Type Job Surface	000	ndeqo entra x	You are h	ereby requested to ren and helper to assist ov	t cementing equipmen vner or contractor to de	t and furnish o work as listed.
Hole Size 12 4	T.D.	1242	Charge	C.G.Oil	icarganaci cirri to seso	VER. For purp
Csg. 85/8		1242	To C Street	2.0.01	PEES: In any legal a	YBAROTTA
Tbg. Size	Depth	1416	City	Reserved on groups	State	
Tool	Depth	us elubertos flar		was done to satisfaction		agent or contract
Cement Left in Csg. 42,2.6		oint 42.26		Amount Ordered 450		
Meas Line	Displac	e 76/466			JA 740 5.0	
	PMENT		Common	170	o to do so bogause of	ALITY be unab
Pumptrk 15 No. Cementer	(F		Poz. Mix	100	u gat to or from the o 2003 to bloc heat	a sourceupe (gra
No. Driver	CK	TRO HOMO LE	Gel.	100	NON OHARGES IF a jo	- PREPARA
O. No. Driver	14	ALX 1 gt harres	Calcium	10	WOTCOD Jenegen 1	SOLUTION OF ON
Bulktrk PU Driver Tro JOB SERVICE		BKS	Hulls		riose bectario ed lite	nent anoe' book
			Salt	TANGO I COMUNICI	CANK SHOTTONO	- SCIVINGE -
Remarks: <u>Cement did</u> c Rat Hole	1/64/47	e	Flowseal	in the second shares of the	the off and online.	Contracto de la seri
Mouse Hole	<u>ia bera yer</u>	<u>, taninga baar</u>	Kol-Seal	n is officers; agonts a	TUPOD BERINGI DIC	n bha , bhalab ;
Centralizers	iouloni ,ne	int by any pare	contract and and a set	40	n promette or for hoofs	nenema(1/A)
Baskets			Mud CLF		Contraction of the state of the	.5x10 (197
D/V or Port Collar	10036 01	ALL BEAM TOYAS		or CD110 CAF 38	e va each ia <u>neitidine</u> TUALIO dtiu coloes	ethigs (ID) (II)
D/V or Port Collar	and the second		Sand	11977		lease or dama
	COL SAME		Handling	410		
			Mileage	FLOAT EQUIPI	APAIT.	
				in the second	VIENT	
			Guide Sh	ar di kria	tion of water or other	IN REALIZE S
Here's in restored and working in a store	<u>e from de</u>	ent ed ot ti vd t	Centraliz	er ·	le elleruse Villadog	+ CETTANN
the second se	010000000		Baskets			
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	DRILL STEM TES	ST REP	ORT	80	Same and Alland
RILOBITE -	C G Oil Inc		33-	-13s-17w	Ellis,KS
ESTING , INC.	PO Box 207		Sa	and J #1	
	Victoria KS 67671		Job	Ticket: 54	0311 DST#: 2
	ATTN: Roger Fisher		Tes	t Start: 20	013.07.11 @ 13:33:00
GENERAL INFORMATION:					NERAL IV OPMATON
Formation: LKC " E - G " Deviated: No Whipstock:	ft (KB)		Too	t Tunoi	Conventional Bottom Hole (Reset)
Time Tool Opened: 15:26:50	IT (KB)		Tes	ter:	Jim Svaty
Time Test Ended: 18:02:00	uov tato". Unit tido				41
Interval: 3372.00 ft (KB) To 347 Total Depth: 3415.00 ft (KB) (TV			Ref	erence Ele	evations: 2028.00 ft (KB) 2021.00 ft (CF)
Hole Diameter: 7.88 inchesHole	Condition: Fair			KB t	o GR/CF: 7.00 ft
Serial #: 8322 Outside	Senator 0.75 Inches				abien Sava sklen
Press@RunDepth: 27.02 psig @ Start Date: 2013.07.11	3378.00 ft (KB) End Date:	2013.07.11	Capacity Last Cal		8000.00 psig 2013.07.11
Start Time: 13:33:01	End Time:	18:01:50	Time On	Btm: 2	2013.07.11 @ 15:26:40
			Time Off	Btm: 2	2013.07.11 @ 16:31:00
TEST COMMENT: 30-IFP- Good Sur 30-ISIP- No Blow	ge on Open Surface Blow in 5 m	in.			
3-FFP- Pulled No I	Blow				
Facilies	5.00 Contraction	3.357.65			Bulloci Gi Top Packe
Pressure vs. Ti 822 Parame	me T				E SUMMARY
1700	- 20.0	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
		0	1673.12 19.19		Initial Hydro-static Open To Flow (1)
	- 100	30	27.02	103.11	Shut-In(1)
					End Shut-In(1)
2 100		60 62	589.85 26.89	103.99 103.82	
		62 64	26.89 26.58	103.82 103.84	Open To Flow (2) Shut-In(2)
		62	26.89	103.82	Open To Flow (2) Shut-In(2)
		62 64	26.89 26.58	103.82 103.84	Open To Flow (2) Shut-In(2)
		62 64	26.89 26.58	103.82 103.84	Open To Flow (2) Shut-In(2)
		62 64	26.89 26.58	103.82 103.84	Open To Flow (2) Shut-In(2)
		62 64	26.89 26.58	103.82 103.84	Open To Flow (2) Shut-In(2)
11 The ALE 2010 - 2014		62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
the second secon	de a	62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
11 The ALE 2010 - 2014	Volume (22)           0.28	62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
the second secon		62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
the second secon		62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
the second secon		62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
the second secon		62 64	26.89 26.58	103.82 103.84 104.40 Ga	Open To Flow (2) Shut-In(2) Final Hydro-static
Recovery Length (ft) 20.00 Mud 100%		62 64	26.89 26.58	103.82 103.84 104.40 Ga Choire (i	Open To Flow (2) Shut-In(2) Final Hydro-static
Page Page Page Page Page Page Page Page	0.28	62 64	26.89 26.58	103.82 103.84 104.40 Ga Choire (i	Open To Flow (2) Shut-In(2) Final Hydro-static s Rates s Rates Pressure (psig) Gas Rate (Motid)
Page Page Page Page Page Page Page Page	0.28	62 64	26.89 26.58	103.82 103.84 104.40 Ga Choire (i	Open To Flow (2) Shut-In(2) Final Hydro-static s Rates s Rates Pressure (psig) Gas Rate (Motid)
Page Page Page Page Page Page Page Page	0.28	62 64	26.89 26.58	103.82 103.84 104.40 Ga Choire (i	Open To Flow (2) Shut-In(2) Final Hydro-static s Rates s Rates Pressure (psig) Gas Rate (Motid)

RILOBITE	DRILL STEM TE	ST REP	ORT			4
	C G Oil Inc		33	-13s-17v	v Ellis,KS	
ESTING , INC	PO Box 207		s	and J #	I	
	Victoria KS 67671			b Ticket: 5		ST#: 1
anitodit.	ATTN: Roger Fisher		Te	st Start: 2	013.07.10 @ 22:41	:00
GENERAL INFORMATION:			.:			
Formation: LKC " A - D " Deviated: No Whipstock:	ft (KB)		Те	st Type:	Conventional Botto	
Time Tool Opened: 01:27:30 Time Test Ended: 05:21:00			Te	ster:	Jim Svaty 41	()
Interval: 3300.00 ft (KB) To 337	70.00 ft (KB) (TVD)			ference E		8.00 ft (KB)
Total Depth: 3370.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	D)				202	1.00 ft (CF)
Serial #: 8322 Outside				KB	to GR/CF:	7.00 ft
Press@RunDepth: 37.73 psig @			Capacit	/:	800	0.00 psig
Start Date:         2013.07.10           Start Time:         22:41:01	End Date: End Time:	2013.07.11	Last Ca	lib.:	2013.0	7.11
Start Time. 22.41.01	End Time:	05:20:40	Time On Time Of		2013.07.11 @ 01:2 2013.07.11 @ 03:4	
TEST COMMENT: 30-IFP- Surface B	low Building to 1/4 in. Surging Bl	w				
45-ISIP- No Blow 30-FFP- No Blow	on Open- Flushed- Weak Surfac	e Blow in 23 r	min.			- 7
30-FSIP- No Blow						
Pressure vs. Tir						
	ne T	3.41	P	RESSUF	RE SUMMARY	
		Time (Min.)	Pressure	Temp	RE SUMMARY Annotation	
500		(Min.) 0	Pressure (psig) 1583.05	Temp (deg F) 106.00	Annotation Initial Hydro-static	
		(Min.) 0 1	Pressure (psig) 1583.05 28.52	Temp (deg F) 106.00 105.14	Annotation Initial Hydro-static Open To Flow (1)	
		(Min.) 0 1 30 75	Pressure (psig) 1583.05 28.52 32.61 527.63	Temp (deg F) 106.00 105.14 105.52 105.90	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1)	
		(Min.) 0 1 30	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04	Temp (deg F) 106.00 105.14 105.52 105.90 105.83	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2)	
		(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		(Min.) 0 1 30 75 76 106	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2)	
		(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
		(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	
MSG THE	Volume (121)	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-h(1) End Shut-ln(1) Open To Flow (2) Shut-ln(2) End Shut-ln(2) Final Hydro-static	Gas Rate (Mctra)
Alton Tree down	B	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
MSG THE	Volume (121)	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
Alter Largeh (ft) 53.00 MUD 100%	B	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
Alter Largeh (ft) 53.00 MUD 100%	B	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
400         100         100           400         100         100           400         100         100           53.00         MUD 100%         0.00           53.00         Speck of Oil in Tool	B	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
Alter Largeh (ft) 53.00 MUD 100%	B	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Gas Rate (Mctro)
400         100         100           400         100         100           400         100         100           53.00         MUD 100%         0.00           53.00         Speck of Oil in Tool	PEDERATION OF CONTROL	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Gas Rate (Mctra)
400         100         100           400         100         100           400         100         100           53.00         MUD 100%         0.00           53.00         Speck of Oil in Tool	PEDERATION OF CONTROL	(Min.) 0 1 30 75 76 106 136	Pressure (psig) 1583.05 28.52 32.61 527.63 37.04 37.73 418.98	Temp (deg F) 106.00 105.14 105.52 105.90 105.83 106.02 106.28 106.77 Gas Chole (ir	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	Gas Rate (Mct/o)