

Kansas Corporation Commission Oil & Gas Conservation Division

WELL COMPLETION FORM

RECEIVED
KANSAS CORPORATION COMMISSION ACO-1
APR 2 4 2000 Must Be Typed

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION WIGHTALKS

9855	WIGHTIA, KS
Operator: License #9855 Name: Grand Mesa Operating Company	API No. 15 - 155-21497-00-00
Name: 200 E. First St., Ste 307	County: Reno
City/State/Zip: Wichita, KS 67202	ieet from S 7 (N) (circle one) Line of Section
Purchaser: NCRA	feet from (E)/ W (circle one) Line of Section
Operator Contact Person: Ronald N. Sinclair	Footages Calculated from Nearest Outside Section Corner:
Phone: (<u>316</u>) <u>265-3000</u>	(circle one) NE SE NW SW
Contractor: Name: Sterling Drilling Company	Lease Name: Keesling Well #: 1-10
License: 5142	Field Name: Wildcat
Wellsite Geologist: Pat Deenihan	Producing Formation: Viola
Designate Type of Completion:	Elevation: Ground: 1761' Kelly Bushing: 1772'
New Well Re-Entry Workover	Total Depth: 3875' Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at _5jts @ 220' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Fee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AI+ I MR (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	1030-08
Plug BackPlug Back Total Depth	Chloride content 5,600 ppm Fluid volume 6,250 bbls
Commingled Docket No.	Dewatering method used_Haul free fluids, remainder evaporation
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Paul's Oilfiled Service, Inc.
Other (SWD of Limit.)	Lease Name: Stargel #2 SWDW License No.: 31085
T2/28/2005 Spud Date or Date Reached TD Completion Date or Recompletion Date Output Date Reached TD Recompletion Date Recompletion Date	Quarter_NE/4 Sec. 4 Twp. 22 S. R. 12 East V West County: Stafford Docket No.: D-21,908
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 13 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST-BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulations are complete and correct to the best of my knowledge.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
Signature: /// / Ronald N.	Sinclair KCC Office Use ONLY
President April 24, 2006	SINCIALI WAS SHOULD BE SHO
Title:	Letter of Confidentiality Received
Subscribed and sworn to before me this 24thday of April	If Denied, Yes Date:
20 06 . () ()	Wireline Log Received
\ X / 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Geologist Report Received
Notary Public: Tyllis D. Kluk Phyllis E.	Brewer UIC Distribution
Wat Complesion Expres REWED 21/07	
Notary Public - State of Kansas My Appl. Expires 7-21-07	

Operator Name: Gran	nd Mesa Operating	Company		Lease	Name:_	Keesling)		Well #:	1-10	
Sec. 10 Twp. 23					: Reno						
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco	and closed, flowing very, and flow rates	and shut-i if gas to s	n pressures, urface test, a	whether sh long with fi	ut-in pres	ssure re	ached st	tatic level, hydros	static pressur	es, botto	m hole
Drill Stem Tests Taken (Attach Additional S		✓ Yes	s 🗌 No		√ Lo	og F	ormatio	n (Top), Depth ar	nd Datum		Sample
Samples Sent to Geole	ogical Survey	✓ Yes	s 🗌 No		Name Howa				Top 2692		Datum 920
Cores Taken Electric Log Run (Submit Copy) List All E. Logs Run:		☐ Yes			Topek Heebr latan Hush B/KC Viola				2795 3093 3278 3542 3567 3760	-1 -1 -1	1023 1321 1505 1770 1795 1988
DI Log, Comp. Sonic Log	Den/Neutron	PE Lo	g, Micro. I	Log,	LTD			2	3872		····
İ		Report	CASING all strings set-c	RECORD		w 🔲 U rmediate,		on, etc.			
Purpose of String	Size Hole Drilled	Size	Casing In O.D.)	Weig	ght	Sett Dep	ing	Type of Cement	# Sacks Used		and Percent
Surface	12 1/4"	8 5/8	п	23#		220)'	60/40 Poz	200SX	3% CC	, 2% Gel
Production	7 7/8"	5 1/2	п	14#		379	0'	AA-2	100SX	5% CC	, 10% Salt,
								2/10% Defoamer	8/10% FLA-322	3/4% Gas B	llock, 1/4#SX Flocele
			ADDITIONAL	CEMENTIN	NG / SQU	EEZE R	CORD				
Purpose: Perforate	Depth Top Bottom	Туре с	of Cement	#Sacks	Used			Type and Pe	ercent Additives	3	
Protect Casing Plug Back TD Plug Off Zone											
Flag Oil Zoile							······································				
Shots Per Foot) - Bridge Plug ach Interval Per			A		ture, Shot, Cement		rd	Depth
		oolago or Et									
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							.,				
TUBING RECORD	Size 2 7/8	Set At		Packer At	t	Liner R	,	Yes 🗸 No			
Date of First, Resumerd Pending SW Appro		nhr.	Producing Met	hod			Pumping	g Gas Lift	Oth	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	r	Bb	ls. Ga	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION	1			Product	on Interv	al			·
Vented Sold (If vented, Sub	Used on Lease	[Open Hole	Perf.	D	ually Con	np. [Commingled			

INVOICE NO. Subject to Correction Lease ees Legal 10-235-10W County State Grand Mesa Operating Company Fermation Casing Depth 225' Cement-Surface-New Wel Treater Clarence R. Messich PO Number Materials Received by Product Code QUANTITY MATERIAL, EQUIPMENT and SERVICES USED UNIT PRICE AMOUNT)-2*0*3 200 st. 60/40 Poz Cellflate 194 51616. Calcium Chloride -163 Wooden Cement Plug, 85/8"-100 80Mi. Heavy Vehicle Mileage, 1-way
101 40Mi. Pictrup Mileage, 1-way
104 344+M. Bult Delivery
107 200st. Cement Service Charge Casing Cement Pumper, 0-300' Cement Head Rental 200 701 Discounted Price = 4.180.63 Plus taxes METHWEN DIE BOTE DE BETTTE DANS FEDER BUDIE (EN) LEGEN FEER (EN) LEGEN DE FERE

TREATMENT REPORT

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TREATMENT REPORT

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Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

KARSAS CORPORATION COMMISSION

APR 2 4 2 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONSERVATION DIVISION
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Operator: License #9855	API No. 15 - 155-21497-00-00
Name: Grand Mesa Operating Company	County: Reno
Address: 200 E. First St., Ste 307	
City/State/Zip: Wichita, KS 67202	feet from S / N (circle one) Line of Section
Purchaser: NCRA	feet from E / W (circle one) Line of Section
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Phone: (316) 265-3000	(circle one) NE SE NW SW
Contractor: Name: Sterling Drilling Company	Lease Name: Keesling Well #: 1-10
License: 5142	Field Name: Wildcat
Wellsite Geologist: Pat Deenihan	Producing Formation: Viola
Designate Type of Completion:	Elevation: Ground: 1761' Kelly Bushing: 1772'
✓ New Well Re-Entry Workover	Total Depth: 3875' Plug Back Total Depth:
Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 5jts @ 220' Fee
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to sx cmt.
Well Name:	ov opin to
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit) 5.600
Plug Back Plug Back Total Depth	Chloride content 5,600 ppm Fluid volume 6,250 bbls
Commingled Docket No	Dewatering method used Haul free fluids, remainder evaporation
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Paul's Oilfiled Service, Inc.
	Lease Name: Stargel #2 SWDW License No.: 31085
12/28/2005 01/04/2006 Pending SWDW Approval & Comp. Spud Date or Date Reached TD Completion Date or	Quarter NE/4 Sec. 4 Twp. 22 S. R. 12 East / West
Recompletion Date Recompletion Date	County: Stafford Docket No.: D-21,908
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All requirements of the statutes, rules and regulations promulgated to regular herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: /Ronald N.	Sinclair KCC Office Use ONLY
Title: President Date: April 24, 2006	Letter of Confidentiality Received
Subscribed and sworn to before me this 24th ay of April	If Denied, Yes Date:
	Wireline Log Received
20_06	Coolegist Deposit Persived
Notary Public: Mifled Melle Sphyllis E.	Brewer UIC Distribution
Notary Public - State of Kansas My Appt. Expires 7-21-07	

Operator Name: Gran	nd Mesa Operating	Compan	У	Leas	e Name:_	Keesling		_ Well #:	1-10
Sec. 10 Twp. 23			t 🗸 West	Coun	ty: Reno				-
INSTRUCTIONS: Shot tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing very, and flow rates	and shut if gas to	:-in pressures, surface test, a	whether : long with	shut-in pre	ssure reached	I static level, hydro	static pressu	res, bottom hole
Drill Stem Tests Taken (Attach Additional S		 ✓ Y	es 🗌 No		√ L	og Forma	tion (Top), Depth a	and Datum	Sample
Samples Sent to Geole	ogical Survey	✓ Y	es 🗌 No		Nam Howa			Top 2692	Datum - 920
Cores Taken		Y	es 🗸 No		Tope	ka		2795	-1023
Electric Log Run (Submit Copy)		✓ Y			Heeb Iatan Hush			3093 3278 3542	-1321 -1505 -1770
List All E. Logs Run:					B/KC Viola LTD	•		3567 3760 3872	-1795 -1988
DI Log, Comp. Sonic Log	Den/Neutron	PE Lo	og, Micro. I	Log,				36/2	
		Repo	CASING rt all strings set-c		_		ction, etc.		
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/		23		220'	60/40 Poz	200SX	3% CC, 2% Gel
Production	7 7/8"	5 1/	2"	14#	#	3790'	AA-2	100SX	5% CC, 10% Salt
							2/10% Defoamer	8/10% FLA-322	3/4% Gas Block, 1/4#SX Flocel
			ADDITIONAL	CEMENT	ING / SQL	JEEZE RECOR	D		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	ks Used		Type and P	Percent Additive	s
Shots Per Foot			RD - Bridge Plug Each Interval Per		e		acture, Shot, Cement Amount and Kind of Ma		Depth
TUBING RECORD	Size 2 7/8	Set At		Packer	At	Liner Run	Yes ✓ No		
Date of First, Resumerd I Pending SW Appro		nhr.	Producing Meth	nod	Flowing	Pump	ing Gas Lif	t Oth	ner (Explain)
Estimated Production Per 24 Hours	Oil E	Bbls.	Gas	Mcf	Wate	r I	3bls. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF CO	OMPLETIC	N			Production Inte	rval		
Vented Sold (If vented, Subr	Used on Lease		Open Hole Other (Special	Pe	rf. 🔲 D	ually Comp.	Commingled		



KANSAS CORPORATION COMMISSION Form ACO-1 OIL & GAS CONSERVATION DIVISION Form Must Be Typed



WELL COMPLETION FORM.

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Operator: License # 9855	API No. 15 - 155-21497-00-00
Name: Grand Mesa Operating Company	County: Reno
Address: 200 E. First St., Ste 307	
City/State/Zip: Wichita, KS 67202	1,400 feet from S / N (circle one) Line of Section
Purchaser: NCRA	580 feet from E / W (circle one) Line of Section
Operator Contact Person: Ronald N. Sinclair	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) _265-3000	(circle one) NE SE NW SW
Contractor: Name: Sterling Drilling Company	Lease Name: Keesling Well #: 1-10
License: 5142	Field Name: Wildcat
Wellsite Geologist: Pat Deenihan	Producing Formation: Viola
Designate Type of Completion:	Elevation: Ground: 1761' Kelly Bushing: 1772'
✓ New Well Re-Entry Workover	Total Depth: 3875' Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 5jts @ 220' Fee
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFee
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 5,600 ppm Fluid volume 6,250 bbls
Plug Back Plug Back Total Depth	Dewatering method used Haul free fluids, remainder evaporation
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name: Paul's Oilfiled Service, Inc.
12/28/2005 01/04/2006 Pending SWDW Approval & Comp.	Lease Name: Stargel #2 SWDW License No.: 31085
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date Recompletion Date	Quarter_NE/4 Sec. 4 Twp. 22 S. R. 12 East Wes County: Docket No.: D-21,908
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST-BE ATTACHED. Submit CP-4 form with all plugged wells.	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: // /Ronald N.	Sinclair KCC Office Use ONLY
Title: President Date: April 24, 2006	Letter of Confidentiality Received
Subscribed and sworn to before me this 24thay of April	If Denied, Yes Date:
20 06	Wireline Log Received
1 101	Geologist Report Received
Notary Public: Mifles Melle Iphyllis E.	Brewer UIC Distribution
Ata Comprision List E. BREWER Notary Public - State of Kansas My Appt. Expires 7-21-07	

Operator Name: Grai	nd Mesa Operating	Company	Lea	se Name:_	Keesling		_ Well #:	1-10
Sec Twp23			Cou	nty: Reno				
tested, time tool open temperature, fluid reco	and closed, flowing every, and flow rates	nd base of formations p and shut-in pressures if gas to surface test, nal geological well site	, whether along witl	shut-in pre	ssure reached	static level, hydro	static pressur	es, bottom hole
Drill Stem Tests Taken (Attach Additional S.		✓ Yes No	•	√ Le	og Formati	ion (Top), Depth a	nd Datum	Sample
Samples Sent to Geole Cores Taken Electric Log Run (Submit Copy) List All E. Logs Run: DI Log, Comp. Sonic Log	✓ Yes No Yes No Yes No Yes No	Topeka Topeka Heebner latan Hush B/KC Viola				Top 2692 2795 3093 3278 3542 3567 3760 3872	Datum - 920 -1023 -1321 -1505 -1770 -1795 -1988	
		CASING Report all strings set-	RECORI			tion etc		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	V	Veight	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface			23	3#	220'	60/40 Poz	200SX	3% CC, 2% Gel
Production	7 7/8"	5 1/2"	14	#	3790'	AA-2	100SX	5% CC, 10% Salt,
· · · · · · · · · · · · · · · · · · ·		·				2/10% Defoamer	8/10% FLA-322	3/4% Gas Block, 1/4#SX Floceld
		ADDITIONA	L CEMEN	TING / SQU	EEZE RECOR)		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sac	ks Used		Type and Pe	ercent Additives	
Shots Per Foot		N RECORD - Bridge Plu potage of Each Interval Pe		pe		cture, Shot, Cement mount and Kind of Mai		Depth
TUBING RECORD	Size 2 7/8	Set At	Packer	r At	Liner Run	Yes 🗸 No		
Date of First, Resumerd F		hr. Producing Me	thod	i	Pumpi	ng Gas Lift	Othe	er (Explain)
Estimated Production Per 24 Hours		bls. Gas	Mcf	Wate	r B	bls. Ga	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF CO	DMPLETION			Production Inter	val		
Vented Sold	Used on Lease	Open Hole	Pe	erf. D	ually Comp.	Commingled		



Prepared For. Grand Mesa Operating Co.

200 E.First,Ste.307 Wichita ks.67202

ATTN: Pat Deenihan

10-23s-10w Reno Ks.

Keesling #1-10

Start Date: 2006.01.02 @ 13:53:14

End Date: 2006.01.02 @ 19:55:44

Job Ticket #: 22012 DST #: 1

15-155-21497-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Grand Mesa Operating Co.

200 E.First.Ste.307 . Wichita ks.67202

10-23s-10w Reno Ks.

Job Ticket: 22012

Keesling #1-10

DST#: 1

ATTN: Pat Deenihan

Test Start: 2006.01.02 @ 13:53:14

GENERAL INFORMATION:

Formation: Deviated:

Interval:

Viola

No Whipstock:

ft (KB)

Time Tool Opened: 15:43:44

Time Test Ended: 19:55:44

3666.00 ft (KB) To 3775.00 ft (KB) (TVD)

Total Depth:

3775.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Poor

Reference Bevations:

Tester:

Unit No:

Test Type:

1772.00 ft (KB) 1763.00 ft (OF)

KB to GR/CF:

23

9.00 ft

Serial #: 6771 Press@RunDepth: Inside

108.36 psig @

3667.00 ft (KB)

2006.01.02

Capacity:

7000.00 psig

Start Date: Start Time: 2006.01.02 13:53:19 End Date: End Time:

19:55:43

Last Calib .: Time On Btm 2006.01.02

Time Off Btm:

2006.01.02 @ 15:40:29 2006.01.02 @ 17:33:44

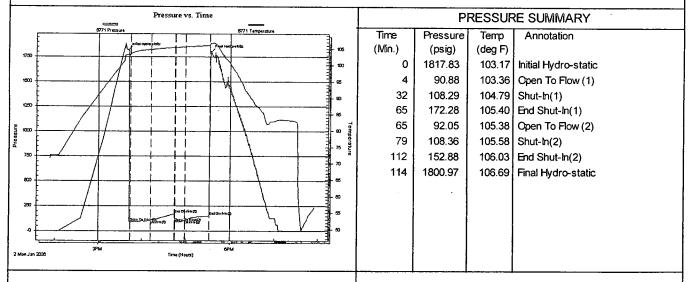
Conventional Bottom Hole

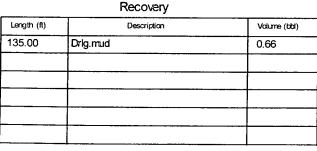
Gary Pevoteaux

TEST COMMENT: F:Fair decreasing blow . 5 - 1 1/2". Lost approx. 15 ft. of

mud on backside as tool opened. ISI.No blow.

FF:No blow. FSI:No blow.





Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 22012

Printed: 2006.01.11 @ 11:17:36 Page 2



TOOL DIAGRAM

Grand Mesa Operating Co.

10-23s-10w Reno Ks.

200 E.First,Ste.307 Wichita ks.67202

Job Ticket: 22012

Keesling #1-10

DST#:1

ATTN: Pat Deenihan

Test Start: 2006.01.02 @ 13:53:14

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3409.00 ft Diameter:

Length:

0.00 ft Diameter: 248.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

47.82 bbl 0.00 bbl 1.22 bb! Tool Weight:

2100.00 lb Weight set on Packer: 22000.00 lb

Tool Chased

Weight to Pull Loose: 72000.00 lb 0.00 ft

11.00 ft

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

3666.00 ft

ft

Total Volume: 49.04 bbl

String Weight: Initial

64000.00 lb

Interval between Packers: 109.00 ft Tool Length:

129.00 ft

64000.00 lb Final

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3647.00		
Shut In Tool	5.00			3652.00		
Hydraulic tool	5.00			3657.00		
Packer	4.00			3661.00	20.00	Bottom Of Top Packer
Packer	5.00			3666.00		
Stubb	1.00			3667.00		
Recorder	0.00	6771	Inside	3667.00		
Perforations	8.00			3675.00		
Change Over Sub	1.00			3676.00		
Blank Spacing	93.00			3769.00		
Change Over Sub	1.00			3770.00		
Recorder	0.00	13222	Outside	3770.00		
Bullnose	5.00			3775.00	109.00	Bottom Packers & Anchor
Total Tool I spoth	129 00			-		

Total Tool Length:

Printed: 2006.01.11 @ 11:17:36 Page 3

Trilobite Testing, Inc

Ref. No: 22012



FLUID SUMMARY

Grand Mesa Operating Co.

Keesling #1-10

200 E.First,Ste.307 Wichita ks.67202

10-23s-10w Reno Ks.

Job Ticket: 22012

DST#: 1

ATTN: Pat Deenihan

Test Start: 2006.01.02 @ 13:53:14

Mud and Cushion Information

Mud Type: Gel Chem

m Cushion Type: 9.00 lb/gal Cushion Lengti Oil API:

deg API

Mud Weight: Viscosity:

48.00 sec/qt

Cushion Length: Cushion Volume: ft

Water Salinity:

5000 ppm

Water Loss:

9.58 in³ 0.00 ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psig

bbl

Resistivity: Salinity: Filter Cake:

5000.00 ppm 0.20 inches

Recovery Information

Recovery Table

Length Description Volume bbl
135.00 Drlg.mud 0.664

Total Length:

135.00 ft

Total Volume:

0.664 bbl

0

Num Fluid Samples: 0 Laboratory Name: Num Gas Bombs:

Laboratory Location:

Recovery Comments:

Serial #: none

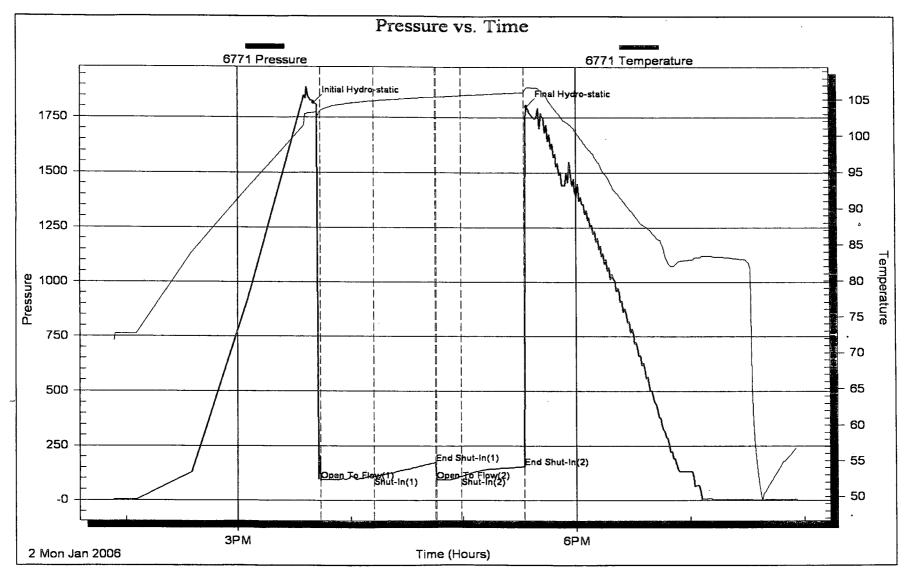


Inside

Grand Mesa Operating Co.

10-23s-10w Reno Ks.

DST Test Number: 1





Prepared For. Grand Mesa Operating Co.

200 E.First,Ste.307 Wichita ks.67202

ATTN: Pat Deenihan

10-23s-10w Reno Ks.

Keesling #1-10

Start Date: 2006.01.03 @ 09:03:52 End Date: 2006.01.03 @ 15:35:37 Job Ticket #: 22013 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Grand Mesa Operating Co.

200 EFirst, Ste. 307 Wichita ks.67202

ATTN: Pat Deenihan

Keesling #1-10

10-23s-10w Reno Ks.

Job Ticket: 22013

DST#: 2

Test Start: 2006.01.03 @ 09:03:52

GENERAL INFORMATION:

Formation:

Viola Νo

Deviated:

interval:

Start Date:

Start Time:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Gary Pevoteaux

Unit No:

Reference Bevations:

1772.00 ft (KB)

1763.00 ft (OF)

KB to GR/CF:

9.00 ft

Total Depth: Hole Diameter: 3826.00 ft (KB) (TVD)

Time Tool Opened: 11:09:07

Time Test Ended: 15:35:37

7.88 inches Hole Condition: Poor

3799.00 ft (KB) To 3826.00 ft (KB) (TVD)

Serial #: 6771

Press@RunDepth:

Inside

670.06 psig @ 2006.01.03

09:03:57

3800.00 ft (KB)

End Date:

End Time:

2006.01.03 15:35:36 Capacity: Last Calib.:

7000.00 psig 2006.01.03

Time On Btm

2006.01.03 @ 11:05:52

Time Off Btm

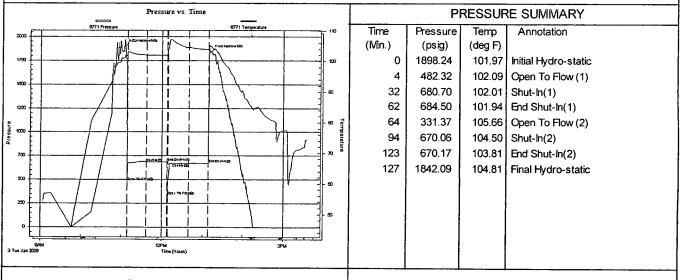
2006.01.03 @ 13:12:52

TEST COMMENT: IF:Weak blow . 3" decreasing to 1 1/2".

ISI:No blow.

FF:Fair blow . 5" decreasing to 3".

FSI:No blow.



Recovery

Length (ft)	Length (ft) Description							
125.00	GCiViw/trace of oil >1%o 18%g 82%n	0.61						
75.00	Drlg.mud	0.37						

Gas Rates

Chake (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 22013

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TOOL DIAGRAM

Grand Mesa Operating Co.

200 EFirst, Ste. 307 Wichita ks.67202

ATTN: Pat Deenihan

Keesling #1-10

10-23s-10w Reno Ks.

Job Ticket: 22013

DST#:2

Test Start: 2006.01.03 @ 09:03:52

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 3533.00 ft Diameter:

0.00 ft Diameter: 248.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: Total Volume:

0.00 bb! 1.22 bbl 50.78 bbl

49.56 bbl

Tool Weight: Weight set on Packer: 20000.00 lb Weight to Pull Loose: 96000.00 lb

2100.00 lb

Tool Chased 0.00 ft String Weight: Initial 66000.00 lb

Final 66000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

9.00 ft 3799.00 ft

Depth to Bottom Packer: Interval between Packers:

27.00 ft 54.00 ft

Number of Packers:

2 Diameter:

ft

6.75 inches

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3773.00		
Shut In Tool	5.00			3778.00		
Hydraulic tool	5.00			3783.00		
Jars	5.00			3788.00		
Safety Joint	2.00			3790.00		
Packer	4.00			3794.00	27.00	Bottom Of Top Packer
Packer	5.00			3799.00		
Stubb	1.00			3800.00		
Recorder	0.00	6771	Inside	3800.00		
Perforations	21.00			3821.00		
Recorder	0.00	13222	Outside	3821.00		
Bullnose	5.00	•		3826.00	27.00	Bottom Packers & Anchor

Total Tool Length:

54.00

Trilobite Testing, Inc

Ref. No: 22013

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FLUID SUMMARY

Grand Mesa Operating Co.

Keesling #1-10

200 E.First,Ste.307 Wichita ks.67202

10-23s-10w Reno Ks.

Job Ticket: 22013

DST#: 2

ATTN: Pat Deenihan

Test Start: 2006.01.03 @ 09:03:52

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

deg API

Mud Weight: Viscosity:

57.00 sec/qt

Cushion Length: Cushion Volume:

Water Salinity: bbl

5000 ppm

Water Loss: Resistivity:

8.79 in³ 0.00 ohm.m Gas Cushion Type: Gas Cushion Pressure:

psig

ft

Salinity:

5000.00 ppm 0.20 inches

Filter Cake: Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	GCM w /trace of oil >1% o 18% g 82% m	0.615
75.00	Drlg.mud	0.369

Total Length:

200.00 ft

Total Volume:

0.984 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments: LCW 6#/bl.

Serial #: 6771

Inside

Grand Mesa Operating Co.

10-23s-10w Reno Ks.

DST Test Number: 2

