

Kansas Corporation Commission Oil & Gas Conservation Division

1092601

Form ACO-1 June 2009 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
Address 2:	Feet from North / South Line of Section
City:	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used?
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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											
Letter of Confidentiality Received											
Date:											
Confidential Release Date:											
Wireline Log Received											
Geologist Report Received											
UIC Distribution											
ALT I II III Approved by: Date:											

Side Two



Operator Name: _ Lease Name: _ _ Well #: _ County: _ 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 complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report. **Drill Stem Tests Taken** Yes No Log Formation (Top), Depth and Datum Sample (Attach Additional Sheets) Name Top Datum Samples Sent to Geological Survey ☐ Yes □ No Cores Taken Yes No Electric Log Run Electric Log Submitted Electronically Yes No (If no, Submit Copy) List All E. Logs Run: CASING RECORD Used New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Additives Depth Cement Used ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement # Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth TUBING RECORD: Size: Set At: Packer At: Liner Run: No Yes Producing Method: Date of First, Resumed Production, SWD or ENHR. Pumping Gas Lift Other (Explain) Flowing **Estimated Production** Bbls. Water Bbls. Gas-Oil Ratio Oil Gas Mcf Gravity Per 24 Hours **DISPOSITION OF GAS:** METHOD OF COMPLETION: PRODUCTION INTERVAL: Open Hole Dually Comp. Perf. Commingled Vented Sold Used on Lease (Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Berland 1-12
Doc ID	1092601

Tops

Name	Тор	Datum
Anhy	1572'	+466
B/Anhy	1606	+432
Heebner	3238'	-1200
Toronto	3262'	-1224
Lansing	3277'	-1739
B/KC	3482'	-1444
Marmaton	3516'	-1478
Arbuckle	3578'	-1540

ALLIED OIL & GAS SERVICES, LLC 056476 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

SERVICE POINT:
Russell KS

DATE 8-9-12 SEC. TWP. RANGE 2.1	ALLED OUT	ON LOCATION	JOB START 8:30 ON	JOB FINISH
	- V P 20		COUNTY,	com towar
LEASE Berkind WELL# 1-12 LOCATION Damar	21/21	Winto	Grahan	SIAIE
OLD OR NEW Circle one)			100	7
CONTRACTOR Val #3	Our les		12-01	. 1
TYPE OF JOB Surface	OWNER			
HOLE SIZE 121/4 T.D. 2.25	CEMENT	175		
		SEREN IZA	20	29
L. Y. L. M. B. L. S. L. S. L. B. L. B. L. B. L. B.	AMOUNT ORD	DEKED 110	com sloce	Llage
TUBING SIZE DEPTH				
DRILL PIPE DEPTH				
TOOL DEPTH				0-1-1
PRES. MAX 250 MINIMUM	COMMON	170	@ 16.75	2762,50
MEAS. LINE SHOE JOINT 15'	POZMIX			
CEMENT LEFT IN CSG. 15	GEL	3	@ 21.25	
PERFS.	CHLORIDE	6	@ 58.20	349,20
DISPLACEMENT 13 /4 66/	ASC			
EQUIPMENT			@	
2 - 2			@	
Glenn G			@	
PUMPTRUCK CEMENTER Robert Y			@	
# 4/7 HELPER Woody O				
BULK TRUCK				
481 DRIVER Walter K				
BULK TRUCK		500.00	@	385.37
DRIVER		83,51 PT3	<u>@ 2.10</u>	202.71
	HANDLING 1	Tryacks	@	1.01.011
	MILEAGE _	tou mile	5 10	1021.84
REMARKS:	434	4.82 T/mi	TOTAL	4582.66
5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
run 5 joints ofnew 878 23# pipe		CEDV	ICE	
receive circulation mix 170 sts con		SERV	ICE	
320 GC 220 get displace 13/4 bbl of			ICE	
receive circulation mix 170 strong 3000 270 get displace 13 14 bbl of Water shatin with about 250 lbs	DEPTH OF JOI	3	ICE	//0.4
receive circulation mix 170 strong 3000 270 get displace 13 14 bbl of Water shatin with about 250 lbs	DEPTH OF JOE PUMP,TRUCK	3CHÁRGE		1/25
receive circulation mix 170 strong 3% cc 2% get displace 13/4 bbl of Water shut in with about 250 lbs	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA	BCHARGE	@	
receive circulation mix 170 strong 3000 270 get displace 13 14 bbl of Water shatin with about 250 lbs	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE		
receive circulation mix 170 sticom 370 cc 270 get displace 13/4 bbl of Water shutin with about 250 lbs Washup Cement Did Circulate	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 700	
receive circulation mix 170 sticom 3% cc 2% get displace 13 14 bbl of Water shutin with about 250 lbs Washup Cement Did Circulate	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 700	
receive circulation mix 170 strong 320 cc 220 get displace 13/4 bbl of Water shut in with about 250 lbs	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA	CHARGE	@ @ 722 ··	
receive circulation mix 170 sticom 370 cc 270 get displace 13 14 bbt of Water shut in with about 250 lbs Washup Coment Did Circulate Thank you!!	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 722 @ 722 @ 425 @	36400
receive circulation mix 170 sticom 370 cc 270 gel displace 13 14 bbl of water shutin with about 250 lbs wash up Cement Did Circulate Thank you!!	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 722 @ 722 @ 425 @	36400
CHARGE TO: American Warrior, Inc.	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 722 @ 722 @ 425 @	36400
CHARGE TO: American Warrior, Inc.	DEPTH OF JOE PUMP,TRUCK EXTRA FOOTA MILEAGE 52	CHARGE	@ 722 @ 722 @ 425 @	
Cement Did Circulate Thank Thank There T	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	CHARGE AGE 2 HVMI	@ 72 @ 72 @ 42 @ 42 TOTAL	36400 20800 169700
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To: Allied Oil & Gas Services, LLC.	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	SCHARGEAGE SEVMIT	@ 72 @ 49 @ TOTAL TEQUIPMEN	36400 20800 169700
To: Allied Oil & Gas Services, LLC.	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	SCHARGEAGE SEVMIT	@ 72 @ @ Y Y Y OTAL T EQUIPMEN	36400 20800 169700
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	SCHARGEAGE SEVMIT	@ 72 @ 49 @ TOTAL TEQUIPMEN	36400 20800 169700
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	SCHARGEAGE SEVMIT	TOTAL T EQUIPMEN	364° 208° 208° 208° 208° 208° 208° 208° 208
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	SCHARGEAGE SEVMIT	@ 72 @ @ Y Y Y OTAL T EQUIPMEN	364° 208° 208° 208° 208° 208° 208° 208° 208
To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTA MILEAGE 52 MANIFOLD 52	CHARGEAGEAGEAGEAGEAGEAGEAGEAGEAGEAGE_AGE	TOTAL TOTAL TOTAL	364° 208° 208° 208° 208° 208° 208° 208° 208
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Thank It is the about 250 lbs when he was and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTAMILEAGE 52 MANIFOLD 52 SALES TAX (If TOTAL, CHARCE	CHARGEAGEAGEAGEAGEAGEAGEAGEAGEAGEAGEAGE_AGE	TOTAL TOTAL TOTAL	36400 20800 169700 TT
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Coment Did Circulate Thank !! CHARGE TO: American Warrior, Inc.	DEPTH OF JOE PUMP, TRUCK EXTRA FOOTAMILEAGE 52 MANIFOLD 52 SALES TAX (If TOTAL, CHARCE	CHARGEAGEAGEAGEAGEAGEAGEAGEAGEAGEAGEAGE_AGE	TOTAL TOTAL TOTAL	36400 20800 169700 TT
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LOCATION OCALLEY KS
FOREMAN Kelly 6000

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

020 10. 0210 C	JI 000 401 0010			CEMEN	1			W 5
DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
8-15-12 CUSTOMER	1687	Berkend	1-12		12	8	21	Graham
CUSTOMER A				Bogwe	TRUCK#	DRIVER	TOUCK#	DDIVED
MAILING ADDRE	erican L	Varrior		Eor	200	DRIVER MA	TRUCK#	DRIVER
				43mm 18	399	DamonM		
CITY	ummings	STATE	ZIP CODE	10400 AU	560	Cody B		<u> </u>
699den	8		67846	1/2/-	-	-		-
JOB TYPE D		HOLE SIZE 7			3450	CASING SIZE & V	VEIGHT	4
5.	5 5	DRILL PIPE		TUBING	3630	CASING SIZE & V	OTHER	
CASING DEPTH SLURRY WEIGH	T142	SLURRY VOL			k	CEMENT LEFT in		
DISPLACEMENT		DISPLACEMEN'		100			CASING	-
							マキュノス	m : vat
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26 5K5 @								
1005K5@					-+			
405860								
10.5K3@								
305KS R					771-0			
15MH	UY.	****				2	Thank a	lou
15714				-		o o	belle Acre	4.5
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PF		UNIT PRICE	TOTAL
5405 N	1		PUMP CHARG	SE .			132500	132500
5406	50		MILEAGE				500	25000
1131	245	5 K A	60/40	Paz			150	369950
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	-					20 2010	70	5955 9
							SALES TAX	
Ravin 3737							ESTIMATED	283.91
6.15-1.	2_						TOTAL	6239.90
AUTHORIZTION	inen/	meds	\sim	TITLE TE	>		DATE 8-15	-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

252113

Scale 1:240 Imperial

Well Name: BERLAND #1-12 Surface Location: NE SE SW SE 12-8S-21W

Bottom Location:

API: 15-065-23848-0000

License Number: 4058
Spud Date: 8/9/2012
Time: 11:00 PM

Region: GRAHAM COUNTY
Drilling Completed: 8/15/2012 Time:

Surface Coordinates: 339' FSL & 1400' FEL

Bottom Hole Coordinates:

Ground Elevation: 2028.00ft K.B. Elevation: 2038.00ft

Logged Interval: 2900.00ft To: 3651.00ft

Total Depth: 3650.00ft

Formation: LANSING-KANSAS CITY, ARBUCKLE Drilling Fluid Type: Chemical/Fresh Water Gel

OPERATOR

Company: AMERICAN WARRIOR INC. Address: 3118 CUMMINGS ROAD GARDEN CITY, KS 67846

Contact Geologist: CECIL O'BRATE
Contact Phone Nbr: (620) 275-2963
Well Name: BERLAND #1-12

ell Name: BERLAND #1-12 Location: NE SE SW SE 12-8S-21W API: 15-065-23848-0000

12:30 AM

Pool: Field: UNNAMED State: KANSAS Country: USA

SURFACE CO-ORDINATES

Well Type: Vertical Latitude: 39.3661472

N/S Co-ord: 339' FSL E/W Co-ord: 1400' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING

Address: 108 W 35TH HAYS, KS 67601

•

Phone Nbr: (785)259-3737

Logged By: Geologist Name: JEFF LAWLER

CONTRACTOR

Contractor: VAL ENERGY, INC.

Rig #: 3

Rig Type: MUD ROTARY Spud Date: 8/9/2012

 Spud Date:
 8/9/2012
 Time:
 11:00 PM

 TD Date:
 8/15/2012
 Time:
 12:30 AM

 Rig Release:
 8/15/2012
 Time:
 12:00 PM

ELEVATIONS

K.B. Elevation: 2038.00ft Ground Elevation: 2028.00ft

K.B. to Ground: 10.00ft

NOTES

DUE TO STRUCTURAL POSITION, LACK OF ECONOMICAL RECOVERY ON DRILL STEM TEST, AND LOG ANALYSIS, DECISION WAS MADE TO PLUG AND ABANDON THE WELL.

RESPECTFULLY SUBMITTED, JEFF LAWLER

WELL COMPARISON SHEET																												
	x x P&A 9-08													•														
						PEEL & HARDMAN					RITCHIE EXPLORATION INC. A&A						A&A PRODUCTION					A&A PRODUCTION						
						BERLAND #1					HAMEL 7C BETHEL #2						2			BETHEL #12-1								
		BERLAN				NENEN	_	_			SW NW SW 7-8-20					SE NE SE NW 12-8-21						NW SE NW 12-8-21						
	KB		2038		KB			18			KB	L		74		_	KB			973			KB		1977			_
	LOG		SAMPI		COMP		LC		SM			. CARD)G	SMP	_	LO		_	OG		IPL.	COMP	_)G		IPL.
FORMATION	DEPTH	DATUM	DEPTH			DATUM	CO		co			DATUM	co		COR			DATUM		DRR.	_	-	100000000000000000000000000000000000000	DATUM	CO		- 7	ORR.
ANHYDRITE TOP BASE	1572 1606	466 432	1579 1606	459 432	1545	473	-	7	-	14	1532 1565	442	+	24		17	1537 1570	436 403	+	30		23	1547 1580	430 397	+	36 35	+	29
HOWARD	1606	432	1606	432	-				-		1565	409	+	25	+	23	15/0	403	+	29	+	29	2920	-943	+	35	+	35
TOPEKA	3026	-988	3026	-988	2980	-962		26		26	2960	-986		2		,	2956	-983		5		5	2966	-989	-	1	-	1
HEEBNER SHALE	3238	-1200	3239	-1201	3220	-1202		2	+	1	3170	-1196		4		5	3163	-1190	-	10		11	3174	-1197		3	-	4
TORONTO	3262	-1224	3263	-1225	SELO	12.02				-	3193	-1219	2	5		6	3187	-1214	12	10	-	11	3198	-1221	127	3	- 1	4
LKC	3277	-1239	3281	-1243	3257	-1239	+	0		4	3208	-1234	-	5	-	9	3202	-1229	-	10	-	14	3214	-1237		2		6
вкс	3482	-1444	3487	-1449							3410	-1436	-	8		13	3402	-1429	-	15	-	20	3414	-1437	-	7	Į,	12
MARMATON	3516	-1478	3516	-1478																			3447	-1470) and	8	3%	8
CONGLOMERATE																												
CONGLOMERATE SND	3536	-1498									3456	-1482	~	16			3448	-1475	102	23			3468	-1491	147	7		
ARBUCKLE	3578	-1540	3581	-1543	3554	-1536	-	4	-	7													3490	-1513	-	27	-	30
RTD			3650	-1612							3484	-1510			- 1	.02	3588	-1615			+	3	3516	-1539			-	73
LTD	3651	-1613									3483	-1509	-	104			3587	-1614	+	1			3514	-1537	140	76		

DST #1 MARMATON CONGLOMERATE SAND 3478' - 3548'



DRILL STEM TEST REPORT

American Warrior Inc. 12-8-21 Graham,KS

PO Box 399 Berland #1-12

 Garden City KS 67846
 Job Ticket: 47092
 DST#:1

 ATTN: Jeff Lawler
 Test Start: 2012.08.14 @ 08:35:00

GENERAL INFORMATION:

Time Test Ended: 15:38:30

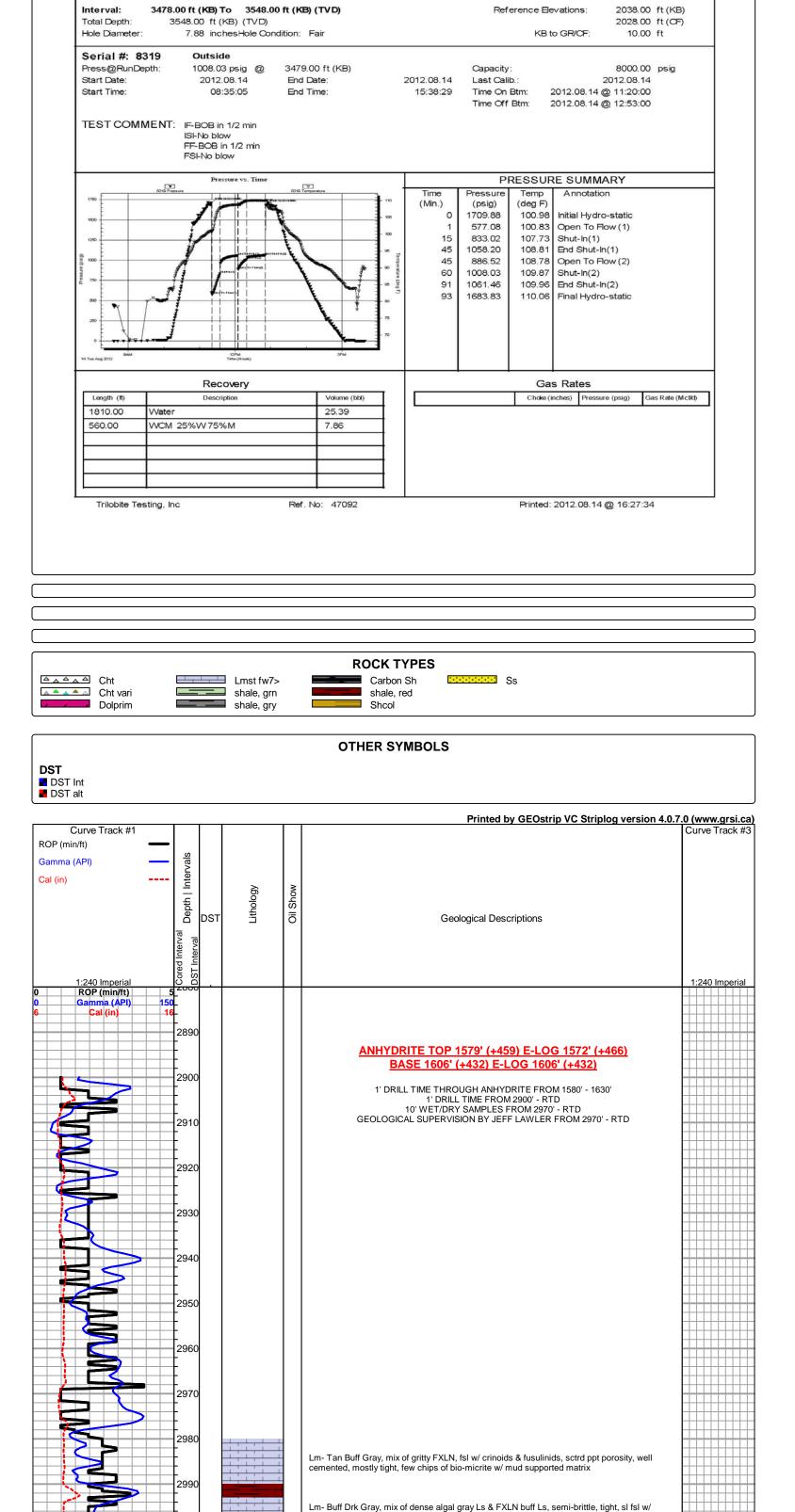
Formation: Marmaton-Cong. Sd.

Deviated: No Whipstock:
Time Tool Opened: 11:21:00

ft (KB)

B) Test Type: Conventional Bottom Hole (Initial)
Tester: Brett Dickinson

Tester: Brett Dickinson Unit No: 59



crinoids & fusulinds, interbedded dark shale lenses & dove gray Ss, consolidated & very loosely

cemented, speckled w/ glauconite

