

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1086764

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 # 4058		API No. 15 - 15-057-20812-00-00
Name: American Warrior, Inc.		Spot Description:
Address 1: 3118 Cummings Rd		SE_NW_NW_NW_Sec24_Twp27_S. R22 East  West
Address 2: PO BOX 399		335 Feet from ☑ North / ☐ South Line of Section
City: GARDEN CITY State: KS Z	ip:	Feet from ☐ East / 🗹 West Line of Section
Contact Person: Joe Smith	<del></del>	Footages Calculated from Nearest Outside Section Corner:
Phone: ( <u>620</u> ) <u>275-2963</u>		□ne ☑nw □se □sw
CONTRACTOR: License # _5929		County: Ford
Name: Duke Drilling Co., Inc.		Lease Name: Herman Well #: 2-24
Wellsite Geologist: Keith Reavis		Field Name:
Purchaser: None		Producing Formation: None
Designate Type of Completion:		Elevation: Ground: 2409 Kelly Bushing: 2420
New Well Re-Entry	Workover	Total Depth: 5047 Plug Back Total Depth:
Oil wsw swd	☐ slow	Amount of Surface Pipe Set and Cemented at: 273 Fee
☐ Gas 🗹 D&A ☐ ENHR	☐ sigw	Multiple Stage Cementing Collar Used? Yes 📝 No
□ og □ gsw	Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):		feet depth to:sx cml
If Workover/Re-entry: Old Well Info as follows:		
Operator:	<del></del>	Drilling Fluid Management Plan
Well Name:		(Data must be collected from the Reserve Pit)
Original Comp. Date: Original T	otal Depth:	Chloride content: 14000 ppm Fluid volume: 60 bbls
	ENHR Conv. to SWD	Dewatering method used: Evaporated
Conv. to		į.
Plug Back: Plu	•	Location of fluid disposal if hauled offsite:
		Operator Name;
		Lease Name: License #:
<b>=</b>		Quarter Sec TwpS. R
GSW Permit #:		County: Permit #:
06/11/2012 06/19/2012	06/20/2012	
Spud Date or Date Reached TD Recompletion Date	Completion Date or 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:
Wiretine Log Received
Geologist Report Received
UIC Distribution
ALT I I III Approved by: Oberta Garrier Date: 07/09/2012

Side Two



1086764

Operator Name: Amei	rican Warrior, In	c.	<del> </del>	Lease	Name:	Herman		_ Well #:2-2	.4	
Sec. 24 Twp.27	s. R. <u>22</u>	East	✓ West	Count	y: Ford					
INSTRUCTIONS: Show time tool open and close recovery, and flow rates line Logs surveyed. Atta	ed, flowing and shu If gas to surface te	t-in pressi st, along v	ires, whether si vith final chart(s	hut-in pre:	ssure read	ched static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional Sh	eets)	[∕ Y	es 🗌 No		□ Lo	og Formatio	n (Top), Depth a	and Datum	✓:	Sample
Samples Sent to Geolog Cores Taken Electric Log Run Electric Log Submitted I (If no, Submit Copy)		□ Y	es VNo		Nam Attach			Top Attached		Datum Itached
List All E. Logs Run:										
			CASING	RECORD		w Used				
		Repo			_	ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled		te Casing t (In O.D.)		eight ./Ft.	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface	12.250	8.625	· · · · · · · · · · · · · · · · · · ·	24		273	Class A	200		
	-				<del></del>				ļ	
Purpose:	Depth	Туре	ADDITIONAL of Cement		ING / SQL	JEEZE RECORD		Percent Additives		<del></del>
Perforate Protect Casing	Top Bottom		- · · ·		<del></del>					<del></del>
Plug Back TD Plug Off Zone	-			· - · <del>-</del> ·			<del></del>			
\	PERFORATI	ON RECOR	RD - Bridge Plug	s Set/Time		Acid Fra	cture Shot Come	nt Squeeze Recor		
Shots Per Foot			Each Interval Per				mount and Kind of i			Depth
										<u> </u>
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:	Yes 📝 N	lo		,
Date of First, Resumed P	roduction, SWD or EN	IHR,	Producing Meti	nod:	ing 🔲	Gas Lift (	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio		Gravity
		1	-				T			
DISPOSITION  Vented Sold	N OF GAS:		_	ИЕТНОD C → Pert.	F COMPLE Dually	_	mmingled	PRODUCTION	)N INTER	VAL:
Vented Sold (If vented, Subm	_		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Herman 2-24
Doc ID	1086764

### Tops

Name	Тор	Datum	
Heebner	4177'	-1757	
Lansing	4310'	-1890	
Stark	4619'	-2199	
B/KC	4697'	-2277	
Marmaton	4751'	-2331	
Cherokee	4879	-2459	
Mississippian	4988'	-2568	
Warsaw	5027'	-2607	H

# ALLIED OIL & GAS SERVICES, LLC 052452

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER\	VICE POINT:	e/ Ks
SEC. TWE TRANGE CO	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 6-11-12 SEC 4 TWE 7 RANGE 2 C			4:0000	5:00pm
LEASE HERMAN WELL - 2 - 24 LOCATION NOITH	of Ford	Ks	Ford	STATE
OLD OR (NEW) (Circle one)				
CONTRACTOR DUKE drilling Co ris # 10	OWNER			
TYPE OF JOB Sucface. HOLE SIZE 12 14 hole, TD. 280	CRMENT			
CASING SIZE 85/8 24 DEPTH 262,03	AMOUNT ORD	ERED 2005	K closs	A
TUBING SIZE DEPTH		31.00		el
DRILL PIPE / DEPTH		· <del></del>		
TOOL DEPTH PRES MAX MINIMUM	COMMON	2nn	A 16" 78	325000
MEAS, LINE SHOE JOINT 44 FF	PÓZMIX	~UU	_ <i>\@\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	200000
CEMENT LEFT IN CSG. 44. FT	GEL	4		85.00
PERFS.	CHLORIDE			407.40
DISPLACEMENT 13.88 bb	ASC		_@	
EQUIPMENT			_@	<del></del>
		<del></del>		<del></del>
PUMPTRUCK CEMENTER JOSE GODZIET #549:550 HELPER Lenge B.				
BULK TRUCK			_@	
#470-528 DRIVER Danel P.			- <u>@</u>	<del></del>
BULK TRUCK		·- <del></del> -	_@	
# DRIVER	HANDLING_	2/1	@ <u>225</u>	474.75
·	MILEAGE JE	X mil. X · I		1160-50
REMARKS:			TOTA	1 <i>5377.</i> 65
		SERV	ICE	
	DEPTH OF JOE	3		280
There you	PUMP TRUCK			1125.00
	EXTRA FOOTA			
	MILEAGE He	y 50	@ <u>7.00</u>	<u> 350.00</u>
	MANIFOLD ±		@_ <u></u>	20 <u>200.00</u> 200.00
•			_ <del>0</del>	200.00
CHARGE TO: America Warn'ar3 Inc -				
STREET			TOTA	ı <i>1875.0</i> 0
CITYSTATEZIP	P	LUG & FLOA	T EOUIPME	NT
	A11 85/3	7		
	BAFFLE	Plate.	@ 1/2.00	112.00
			_@	>
To: Allied Oil & Gas Services, LLC.	adder plus			0 112-00
You are hereby requested to rent cementing equipment		<del></del>	e	
and furnish cementer and helper(s) to assist owner or				
contractor to do work as is listed. The above work was			TOTA	\$224.00
done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL			1014	L <u> </u>
TERMS AND CONDITIONS' listed on the reverse side.	SALES TAX (I	(Any)		
خس مراد بالمان بالمان المان ال	TOTAL CHAR		16.65	
PRINTED NAME SCOTT (DWARDS		20 V		LID IN 30 DAYS
A .	DISCOUNT	-04 <u>1//4</u>		UUJ IN 30 DAYS
SIGNATURE SLOTE Ed words	<b>\$</b>	5981.	32	

## ALLIED OIL & GAS SERVICES, LLC 053453

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

SERVICE POINT:

Libral & 5

DATE 6 /2 5 /12 24   1/3   2 2 W	OLIVOCALIO WE CONTO	
LEASE Memaa WELL #7-24 LOCATION		COUNTY STATE
OLD OR NEW (Circle one)		1.010
CONTRACTOR Dake # 10		<u> </u>
TYPE OF JOB PTA	OWNER AMORICO	Macrist
HOLE SIZE 77/8 T.D. 570	CEMENT	
CASING SIZE 8=18 DEPTH 7-42"		5ks, ClassA 60/47
TUBING SIZE DEPTH	802+48C=1+7x1	Florent
DRILLPIPE 4 V2 DEPTH 1570		
TOOL DEPTH		
PRES, MAX MINIMUM MEAS, LINE SHOE JOINT	COMMON	
MEAS, LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX	<u> </u>
PERFS.	CHLORIDE	
DISPLACEMENT	ASC	
EQUIPMENT	ALC 250	@ 14.50 3625.π3
2402 1121.	Flosec   62	@ 2.70 167.40
PUMPTRUCK CEMENTER POR A MATTER RUE	arthoritiz-	
#549-550 HELPER CONTY Brieza		@
BULK TRUCK	•	
#457-251 DRIVER RUDE O Chaver		<b>@</b>
BULK TRUCK		
# DRIVER	HANDLING 2500 LS	@ 2.25 561.5A
	MILEAGE 50 250= 125	
REMARKS:		TOTAL 5729.90
1570° 50 665		IOIAL EXECUTE
730 80545	SRE	RVICE
300° 503 KS		THE STATE OF THE S
60 Zorks	DEPTH OF JOB 1570	
Rat bole 30sks	PUMP TRUCK CHARGE P	lungian 1750.00
Marza pale Jarkx	EXTR'A FOOTAGE	
Total 2505ks	MILEAGE Hanni La	20 @ 7.0e <u> </u>
Thank You	MANIFOLD	
	Light PatyAslange!	CONCOL CON B
CHARGETO: AM & CISCA Warriag		
4	-	TOTAL 2350.00
STREET		
CITYSTATEZIP		
	PLUG & FLA	OAT EQUIPMENT
	•	@
	<del></del>	
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		TOTAL
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.	SALES TAX (If Any)	
TERMS AND CONDITIONS, listed on the tenerse side.	TOTAL CHARGES 80	79.90
PRINTED NAME EVERET HIG dow	DISCOUNT 6463.9	IF PAID IN 30 DAYS
SIGNATURE Ext High		

**OPERATOR** 

Company: American Warrior, Inc. Address:

3118 Cummings Road

P.O. Box 399

Garden City, KS 67846

Contact Geologist: **Kevin Wiles** Contact Phone Nbr: 620-275-2963 Well Name: Herman # 2-24

> Location: Sec 24 - T27S - R22W 15-057-20812-00-00 API: Pool: Field: Konda Southeast

State: Kansas Country: USA

Scale 1:240 Imperial

Well Name: Herman # 2-24

Surface Location: Sec 24 - T27S - R22W

**Bottom Location:** 

API: 15-057-20812-00-00

License Number: 4058 Spud Date: 6/11/2012

Time: 12:00 AM Region: Ford County

Time:

Latitude:

3:50 PM

**Drilling Completed:** 6/19/2012 Surface Coordinates: 335' FNL & 400' FWL

**Bottom Hole Coordinates:** 

Ground Elevation: 2409.00ft K.B. Elevation: 2420.00ft Logged Interval: 4000.00ft

To: 5047.00ft

Total Depth: 5047.00ft Formation: Mississippian

Drilling Fluid Type: Chemical/Fresh Water Gel

**SURFACE CO-ORDINATES** 

Well Type: Vertical

Longitude: 335' FNL

N/S Co-ord: E/W Co-ord: 400' FWL

**LOGGED BY** 

Keith Reavis

Consulting Goologist

Company: Keith Reavis, Inc. Address: 3420 22nd Street

Great Bend, KS 67530

Phone Nbr: 620-617-4091

Logged By: Geologist Name: Ted Pfau

CONTRACTOR

Contractor: Duke Drilling Co., Inc.

Rig #:

Rig Type: mud rotary

Spud Date: 6/11/2012 Time: 12:00 AM TD Date: 6/19/2012 3:50 PM Time:

Rig Release: Time:

**ELEVATIONS** 

K.B. Elevation: 2420.00ft Ground Elevation: 2409.00ft

K.B. to Ground: 11.00ft

**NOTES** 

Due to the poor shows in samples and poor results from DST #1, it was decided by all parties to refrain from running electric logs and plug and abandon the well.

An analog gas detector operated by MBC Well Logging was employed on this well. This was switched to a TookeDAQ nas detector during DST #1

'gas actorior auring per mi.

The samples from this well were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted, Ted Pfau

DDR

# American Warrior, Inc. dally drilling report

DATE	7:00 AM DEPTH	REMARKS
06/17/2012	4482	Geologist Ted Pfau on location @ 1445 hrs, 3940 ft., drilling ahead Heebner, Douglas, drilling Lansing
06/18/2012	4935	drilling ahead through Lansing, Stark, BKC, Marmaton, Cherokee
06/19/2012	5040	drilled through Cherokee and Missippian, CFS at 5010, 5030, 5035, 5040, Short trip and TOH for DST #1 at 5040 Finished DST #1 at 1026 hrs 6/19, TIH, resume drilling, cfs at 5047 TD at 5047, geologist released 1755 hrs

WCS

## American Warrior, Inc. well comparison sheet

	Sign	DRILLING	WELL			COMPARIS	ON WELL			COMPARIS	SON WELL	
	Herman 2-24					Warrior	- Linlor	A6	Am. Warrior - Herman 1-24 1044' FNL & 354' FWL			
	3	335 FNL & 400 FWL				5' FSL 4	2300' FE	er.				
	Sec 24 T275 R22W					Sec 14 T2	275 R22W			Sec 24 T	278 R22W	
							Struct	ural	Structural			ural
	2420	KB			2421	KB	Relation	nship	2418	KB	Relati	onship
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	4177	-1757	No		4169	-1748	-9		4176	-1758	1	
Douglas	4205	-1785	e-logs		4204	-1783	-2		4211	-1793	8	
Lansing	4310	-1890	run		4305	-1884	-6		4309	-1891	1	
Stark Shale	4619	-2199			4615	-2194	-5		4614	-2196	<b>-</b> 3	
Base KC	4697	-2277			4695	-2274	-3		4696	-2278	1	
Marmaton	4751	-2331			4747	-2326	-5		4753	-2335	4	
Cherokee	4879	-2459			4868	-2447	-12	· ,	4876	-2458	-1	
Mississippian	4988	-2568			4990	-2569	1		4981	-2563	<b>-</b> 5	
Warsaw Por.	5027	-2607			5026	-2605	-2		5023	-2605	-2	
Total Depth	5047	-2627			5132	-2711	84		5174	-2756	129	

### **DST #1**



### **DRILL STEM TEST REPORT**

American Warrior INC

24-279-22w

Po Box 399

Herman #2-24

Gardencity KS 67846

Job Ticket: 47557

DST#:1

ATTN: Cecil Obrate/ Ted Pf

Test Start: 2012.06.18 @ 23:28:00

**GENERAL INFORMATION:** 

Formation: Mississippl

Deviated: No Whipstock

Time Tool Opened: 06:02:45 Time Test Ended: 10:12:15 ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester: **Chris Staats** 

Unit No: #47

5010.00 ft (KB) To 5040.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

interval:

5040.00 ft (KB) (TVD)

Reference Bevations:

2420.00 ft (KB)

7.88 inches Hole Condition: Fair

KB to GR/CF:

2409.00 ft (CF) 11.00 ft

Serial #: 6773 Press@RunDepth: Outside

55.98 psig @

5011.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.06.18

End Date:

2012.06.19

Last Calib .:

2012.06.19

Start Time:

23:28:05

End Time:

10:12:15

Time On Btm:

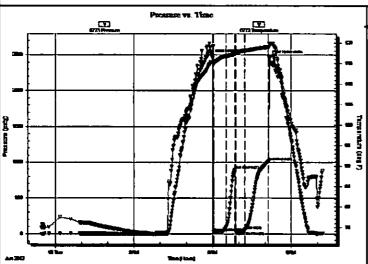
2012.06.19 @ 05:59:00

Time Off Btm:

2012.06.19 @ 08:10:00

TEST COMMENT: F: Weak blow 2"

ISt No blow back FF: Weak blow 2 1/2" PSI: No blow back



	P	RESSUF	RE SUMMARY
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2475.81	115.37	Initial Hydro-static
4	24.32	114.90	Open To Flow (1)
32	79.50	116.80	Shut-In(1)
52	894.04	117.23	End Shut-In(1)
54	31.26	117.66	Open To Flow (2)
76	55.98	118.10	Shut-In(2)
129	1015.89	118.96	End Shut-In(2)
131	2462.35	119.88	Final Hydro-static
		,	
I	l		

Recovery					
Length (fl)	Description	Volume (bbl)			
0.00	90' GIP	0.00			
35.00	O,G,M 3%gas 5% oil 92%mud	0.49			

Gas Rates Chole (Inches) Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc.

Ref. No: 47557

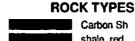
Printed: 2012.06.19 @ 11:03:56

### Lmst fw7>

Lmst fw<7



shale, gm shale, gry



Carbon Sh shale, red

#### **ACCESSORIES**

MINERAL

▲ Chert, dark

→ Dolomitic

★ Mineral Crystals

· Varicolored chert △ Chert White

**FOSSIL** 

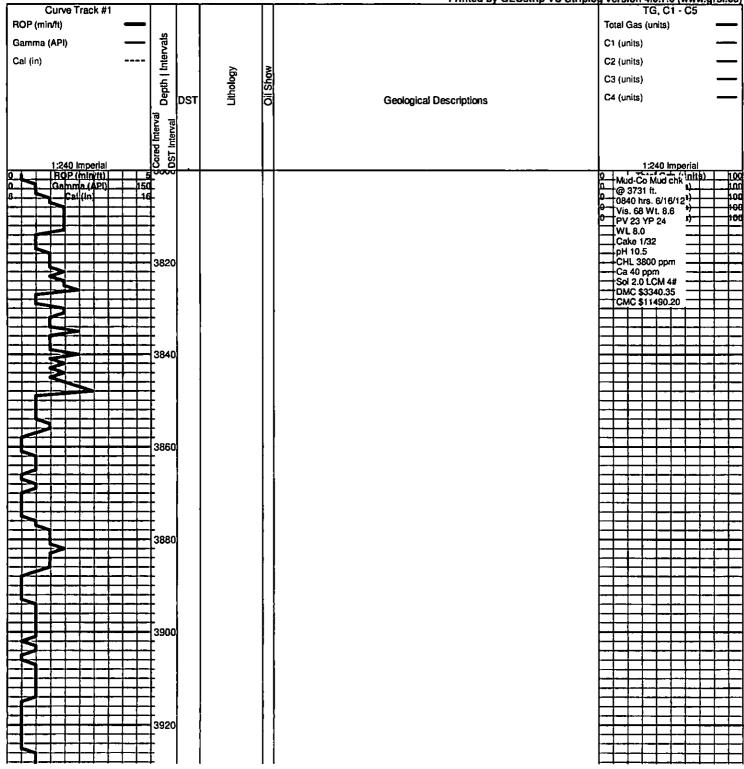
O Crinoids Fossils < 20%

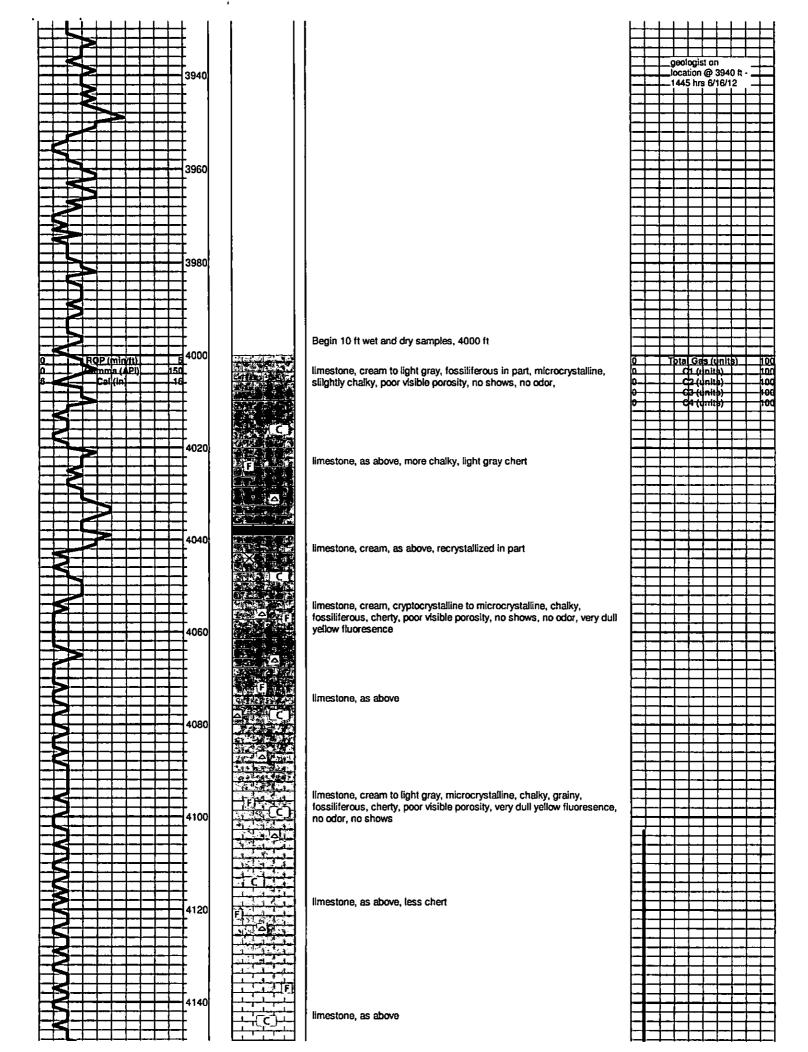
♦ Oolite

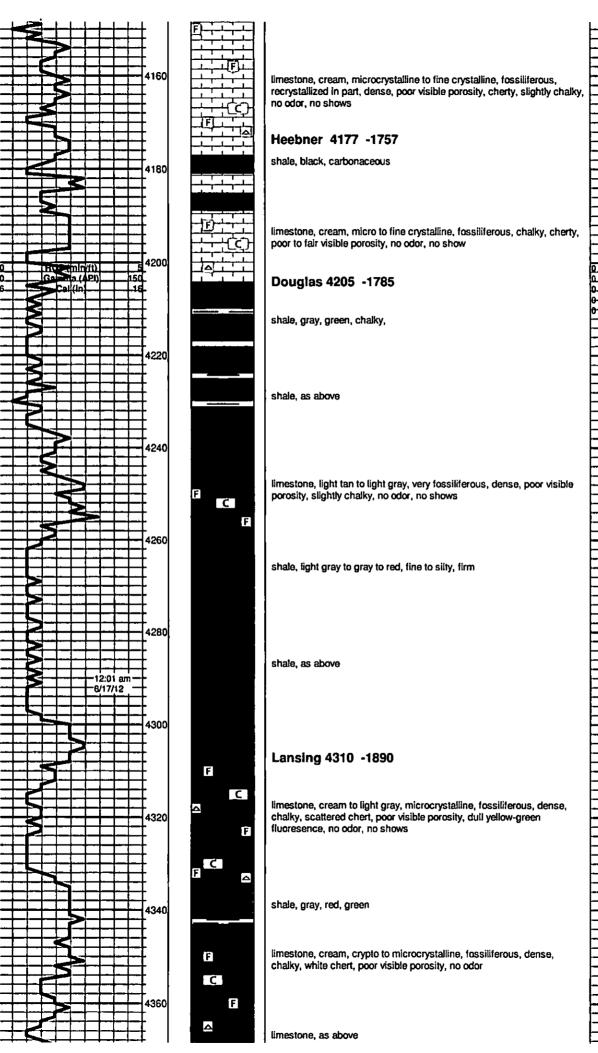
Oomoldic

**STRINGER** Dolomite **TEXTURE** C Chalky

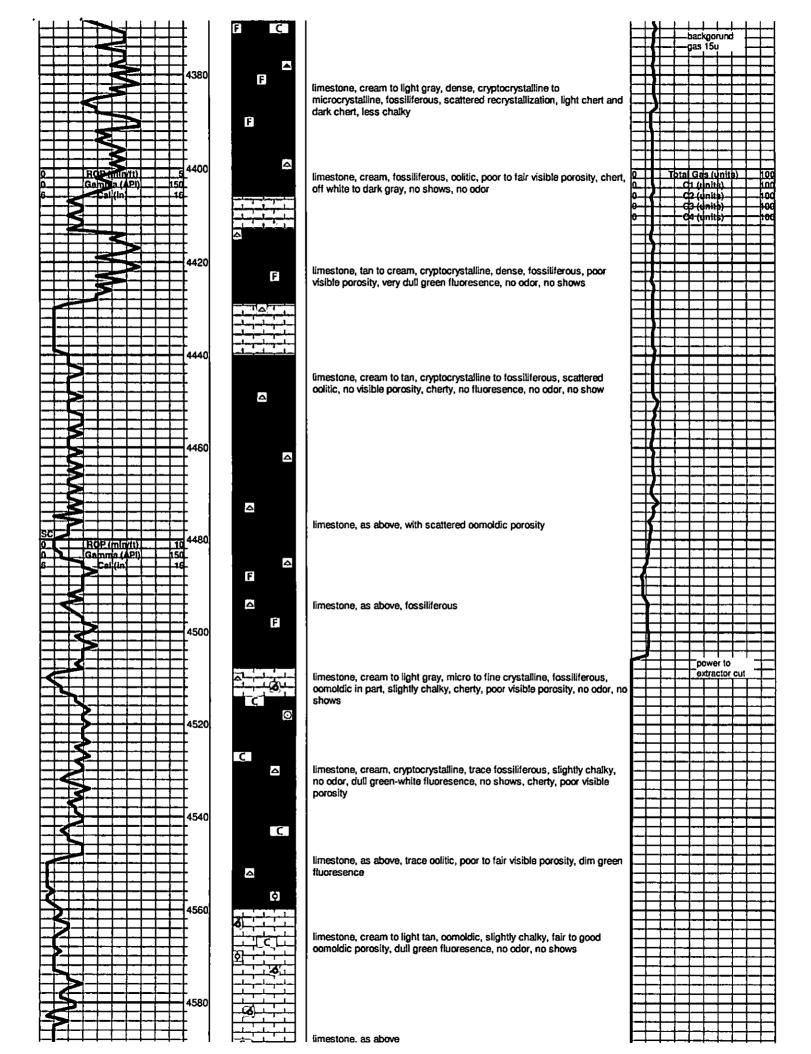
•					OTHER SYMBOLS		
Daily Report Digital Photo Document Folder Link Vertical Log File Horizontal Log File Drill Cuttings Rpt	D:	ST Int ST alt					
Curve Track #1		<del>, , ,</del>		<del> </del>	Printed by GEOstrip VC	Striplog version 4.0.7.0 (www. TG, C1 - C5	w.grsi.
ROP (min/ft)	<b>-</b>					Total Gas (units)	_
Gamma (API)	Depth   Intervals					C1 (units)	
Cal (in) -	불	1	<b>≥</b>	≥		C2 (units)	_
	뒽		Lithology	Oil Show		C3 (units)	_
		DST	Ē	Ō	Geological Descriptions	C4 (units)	-
	ed Interval	I CI ACI					

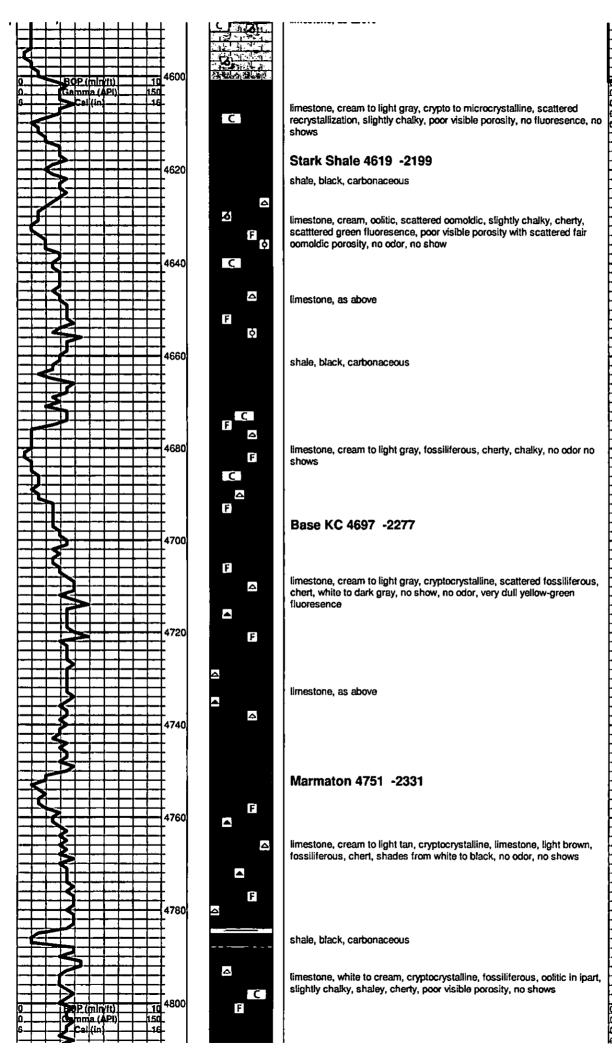






gas 10u shale gas 19u otal Gas (Unit 100 ch (unith) 100 100 -background gas 11u Mud-Co Mud chk @ 4378 ft. 0355 hrs. 6/17/12 Vis. 60 Wt. 9.0 PV 16 YP 18 WL 11.2 Cake 1/32 [pH 9.0 CHL 7800 ppm Ca 20 ppm Sol 4.5 LCM 3# DMC \$1232.50 CMC \$12722.70





-power 100 100 100 100 Total Gas (unita) וחנ

