

Kansas Corporation Commission Oil & Gas Conservation Division

1149156

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: 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 #	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? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	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 #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW 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 Nar	me:			. Well #:	
Sec Twp	S. R	East West	County: _					
time tool open and clor recovery, and flow rate	sed, flowing and shut-	base of formations per in pressures, whether s t, along with final chart(vell site report.	hut-in pressur	e reached	static level,	hydrostatic press	ures, bottom h	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		☐ Yes ☐ No		Log	Formation	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	logical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Electric Log Submittee (If no, Submit Copy	d Electronically	Yes No Yes No Yes No						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD [New	Used	on, etc.		
Purpose of String	Size Hole	Size Casing	Weight		Setting	Type of	# Sacks	Type and Percent
	Drilled	Set (In O.D.)	Lbs. / Ft.	•	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING	/ SQUEEZ	E RECORD			
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used Type and Percent Additives					
Perforate Protect Casing								
Plug Back TD Plug Off Zone								
Shots Per Foot	PERFORATIO	N RECORD - Bridge Plugotage of Each Interval Per	s Set/Type			cture, Shot, Cement		d Depth
	Ороскіў ГС	olage of Each interval i er	ioratea		(70)	nount and rund of we	ichar Osca)	Верит
TUBING RECORD:	Size:	Set At:	Packer At:	Lir	ner Run:	Yes No		
Date of First, Resumed	Production, SWD or ENH	R. Producing Met	hod:	Gas	Lift 0	ther (Explain)		
Estimated Production Per 24 Hours	Oil Bl	bls. Gas	Mcf	Water	Bb	ols. (Gas-Oil Ratio	Gravity
DISPOSITIO			METHOD OF CO	OMBI ETICI	NI:		DRODUCTIO	MINITEDVAL.
Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF CO	Dually Con		nmingled	PRODUCTIC	ON INTERVAL:
(If vented, Sub		Other (Specify)		Submit ACO-		mit ACO-4)		



Prepared For: American Patriot Oil, LLC

1716 N. Main Street Ste A170 Longmont, CO 80501

ATTN: Randy Kilian

Carpenter #3

19-6s-19w Rooks,KS

Start Date: 2012.12.20 @ 11:18:11 End Date: 2012.12.20 @ 21:50:39 Job Ticket #: 51703 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.12.24 @ 10:44:18



American Patriot Oil, LLC

Oil, LLC 19-6s-19w Rooks,KS

1716 N. Main Street Ste A170 Longmont, CO 80501

Job Ticket: 51703 **DST#:1**

Carpenter #3

ATTN: Randy Kilian Test Start: 2012.12.20 @ 11:18:11

GENERAL INFORMATION:

Formation: Reagan Sand

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 13:19:09

Tester: Jason McLemore
Time Test Ended: 21:50:39

Unit No: 54

Interval: 3528.00 ft (KB) To 3644.00 ft (KB) (TVD) Reference Elevations: 2109.00 ft (KB)

Total Depth: 3644.00 ft (KB) (TVD) 2104.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8289 Outside

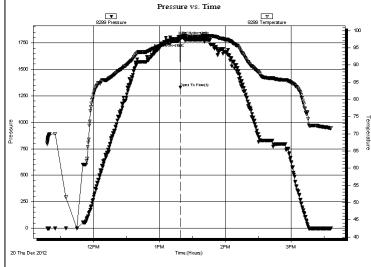
Press@RunDepth: psig @ 3626.00 ft (KB) Capacity: 8000.00 psig

 Start Date:
 2012.12.20
 End Date:
 2012.12.20
 Last Calib.:
 2012.12.20

 Start Time:
 11:18:11
 End Time:
 15:36:09
 Time On Btm:
 2012.12.20 @ 13:14:24

Time Off Btm: 2012.12.20 @ 13:25:39

TEST COMMENT: IFP-Packer Failure



	PRESSURE SUMMARY									
1	Time	Pressure	Temp	Annotation						
	(Min.)	(psig)	(deg F)							
	0	1786.33	96.94	Initial Hydro-static						
	5	1328.69	97.68	Open To Flow (1)						
	12	1780.35	98.34	Final Hydro-static						
Toma										
Temperatur										
8										

Recovery

Length (ft)	Description	Volume (bbl)
125.00	Drilling Mud	1.75

Gas Nai	. C S	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 51703 Printed: 2012.12.24 @ 10:44:19



TOOL DIAGRAM

American Patriot Oil, LLC

19-6s-19w Rooks,KS

1716 N. Main Street Ste A170 Longmont, CO 80501 Carpenter #3

Job Ticket: 51703

DST#: 1

ATTN: Randy Kilian

Test Start: 2012.12.20 @ 11:18:11

Tool Information

Drill Pipe: Length: 3519.00 ft Diameter: 3.80 inches Volume: 49.36 bbl Tool Weight: 2000.00 lb 2.70 inches Volume: 0.00 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: Weight set on Packer: 25000.00 lb Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Weight to Pull Loose: 42000.00 lb Total Volume: 49.36 bbl Tool Chased 3.00 ft

Drill Pipe Above KB: 12.00 ft
Depth to Top Packer: 3528.00 ft

String Weight: Initial 40000.00 lb ft Final 40000.00 lb

Interval between Packers: 116.00 ft Tool Length: 137.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Depth to Bottom Packer:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3508.00		
Shut In Tool	5.00			3513.00		
Hydraulic tool	5.00			3518.00		
Packer	5.00			3523.00	21.00	Bottom Of Top Packer
Packer	5.00			3528.00		
Stubb	1.00			3529.00		
Perforations	2.00			3531.00		
Change Over Sub	1.00			3532.00		
Blank Spacing	93.00			3625.00		
Change Over Sub	1.00			3626.00		
Recorder	0.00	8366	Inside	3626.00		
Recorder	0.00	8289	Outside	3626.00		
Perforations	15.00			3641.00		
Bullnose	3.00			3644.00	116.00	Bottom Packers & Anchor

Total Tool Length: 137.00

Trilobite Testing, Inc Ref. No: 51703 Printed: 2012.12.24 @ 10:44:20



FLUID SUMMARY

American Patriot Oil, LLC

19-6s-19w Rooks, KS

1716 N. Main Street Ste A170 Longmont, CO 80501 Carpenter #3

Job Ticket: 51703

DST#: 1

ATTN: Randy Kilian

Test Start: 2012.12.20 @ 11:18:11

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 52.00 sec/qt Cushion Volume: bbl

7.80 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Water Loss:

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	Drilling Mud	1.753

Total Length: 125.00 ft Total Volume: 1.753 bbl

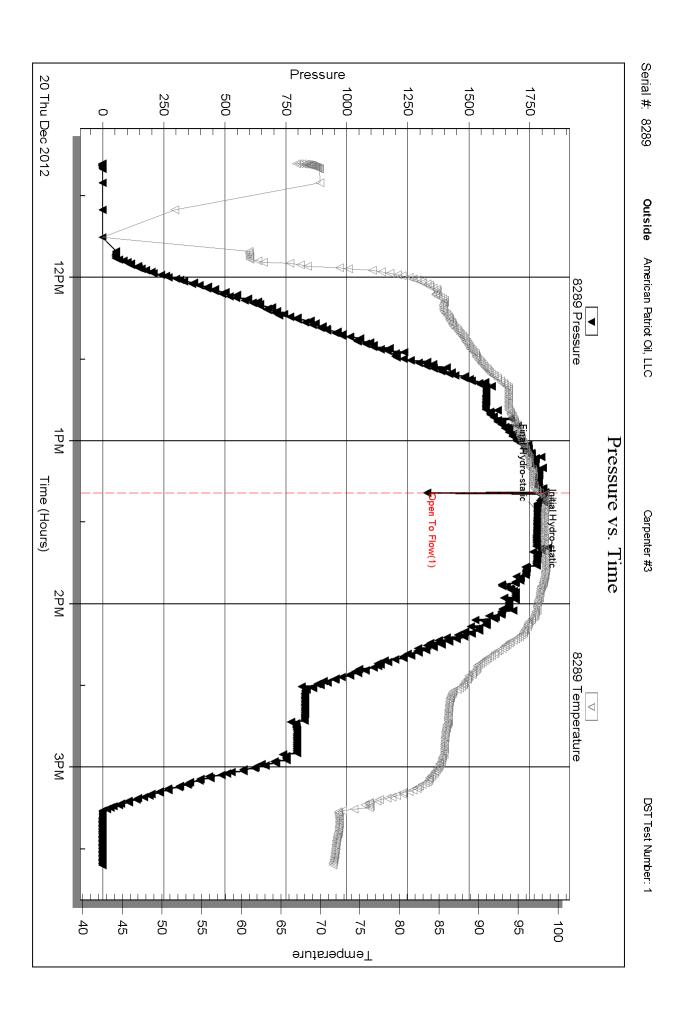
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #:

Trilobite Testing, Inc Ref. No: 51703 Printed: 2012.12.24 @ 10:44:21



Trilobite Testing, Inc

Ref. No: 51703

Printed: 2012.12.24 @ 10:44:22



Prepared For: American Patriot Oil, LLC

1716 N. Main Street Ste A170 Longmont, CO 80501

ATTN: Randy Kilian

Carpenter #3

19-6s-19w Rooks,KS

Start Date: 2012.12.20 @ 15:48:27 End Date: 2012.12.20 @ 21:47:57 Job Ticket #: 51704 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



American Patriot Oil, LLC

1716 N. Main Street Ste A170 Longmont, CO 80501

ATTN: Randy Kilian

19-6s-19w Rooks, KS

Carpenter #3

Job Ticket: 51704 DST#: 2

Test Start: 2012.12.20 @ 15:48:27

GENERAL INFORMATION:

Formation: Reagan Sand

Deviated: Whipstock: ft (KB)

Time Tool Opened: 17:05:42 Time Test Ended: 21:47:57

3528.00 ft (KB) To 3651.00 ft (KB) (TVD) Interval:

Total Depth: 3651.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good Hole Diameter:

Test Type: Conventional Bottom Hole (Reset) Tester:

Jason McLemore

Unit No: 54

2109.00 ft (KB)

Reference Elevations:

2104.00 ft (CF)

KB to GR/CF: 5.00 ft

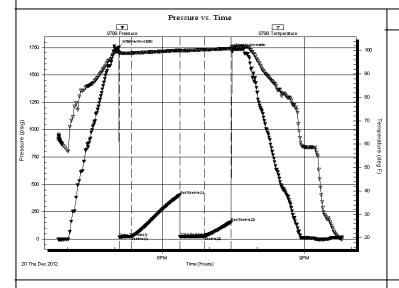
Serial #: 8789 Inside

Press@RunDepth: 3633.00 ft (KB) 25.46 psig @ Capacity: 8000.00 psig

Start Date: 2012.12.20 End Date: 2012.12.20 Last Calib.: 2012.12.20 Start Time: 15:48:29 End Time: 2012.12.20 @ 17:05:12 21:47:57 Time On Btm: Time Off Btm: 2012.12.20 @ 19:28:12

TEST COMMENT: IFP-Weak Blow, Died in 10 Min.

ISI-Dead FFP-Dead FSI-Dead



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1750.43	99.41	Initial Hydro-static
1	19.38	98.86	Open To Flow (1)
16	22.51	98.86	Shut-In(1)
77	403.18	100.02	End Shut-In(1)
78	24.24	99.85	Open To Flow (2)
108	25.46	100.31	Shut-In(2)
142	157.64	100.84	End Shut-In(2)
143	1721.63	101.53	Final Hydro-static

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud	0.21
* Recovery from mul	tiple tests	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 51704 Printed: 2012.12.24 @ 10:43:08



TOOL DIAGRAM

American Patriot Oil, LLC

19-6s-19w Rooks,KS

1716 N. Main Street Ste A170 Longmont, CO 80501 Carpenter #3

Job Ticket: 51704

DST#: 2

ATTN: Randy Kilian

Test Start: 2012.12.20 @ 15:48:27

Tool Information

Drill Pipe: Length: 3527.00 ft Diameter:
Heavy Wt. Pipe: Length: 0.00 ft Diameter:
Drill Collar: Length: 0.00 ft Diameter:

27.00 ft Diameter: 3.80 inches Volume: 0.00 ft Diameter: 2.70 inches Volume: 0.00 ft Diameter: 2.25 inches Volume:

49.47 bbl 0.00 bbl 0.00 bbl Tool Weight: 2000.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 42000.00 lb

Total Volume: 49.47 bbl

Tool Chased 0.00 ft String Weight: Initial 40000.00 lb

Final 40000.00 lb

Drill Pipe Above KB: 20.00 ft
Depth to Top Packer: 3528.00 ft

Depth to Bottom Packer: ft
Interval between Packers: 123.00 ft
Tool Length: 144.00 ft

Tool Length: 144.00 ft
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			3508.00		
Shut In Tool	5.00			3513.00		
Hydraulic tool	5.00			3518.00		
Packer	5.00			3523.00	21.00	Bottom Of Top Packer
Packer	5.00			3528.00		
Stubb	1.00			3529.00		
Perforations	9.00			3538.00		
Change Over Sub	1.00			3539.00		
Blank Spacing	93.00			3632.00		
Change Over Sub	1.00			3633.00		
Recorder	0.00	8789	Inside	3633.00		
Recorder	0.00	8289	Outside	3633.00		
Perforations	15.00			3648.00		
Bullnose	3.00			3651.00	123.00	Bottom Packers & Anchor

Total Tool Length: 144.00

Trilobite Testing, Inc Ref. No: 51704 Printed: 2012.12.24 @ 10:43:09



FLUID SUMMARY

American Patriot Oil, LLC

19-6s-19w Rooks, KS

1716 N. Main Street Ste A170 Longmont, CO 80501 Carpenter #3

Job Ticket: 51704

Serial #:

DST#: 2

ATTN: Randy Kilian

Test Start: 2012.12.20 @ 15:48:27

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil A Pl:deg A PlMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Mud Weight: 9.00 lb/gal Cushion Length: ft Viscosity: 52.00 sec/qt Cushion Volume: bbl

Water Loss: 7.79 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 1500.00 ppm Filter Cake: inches

Recovery Information

Recovery Table

Length ft Description Volume bbl

15.00 Drilling Mud 0.210

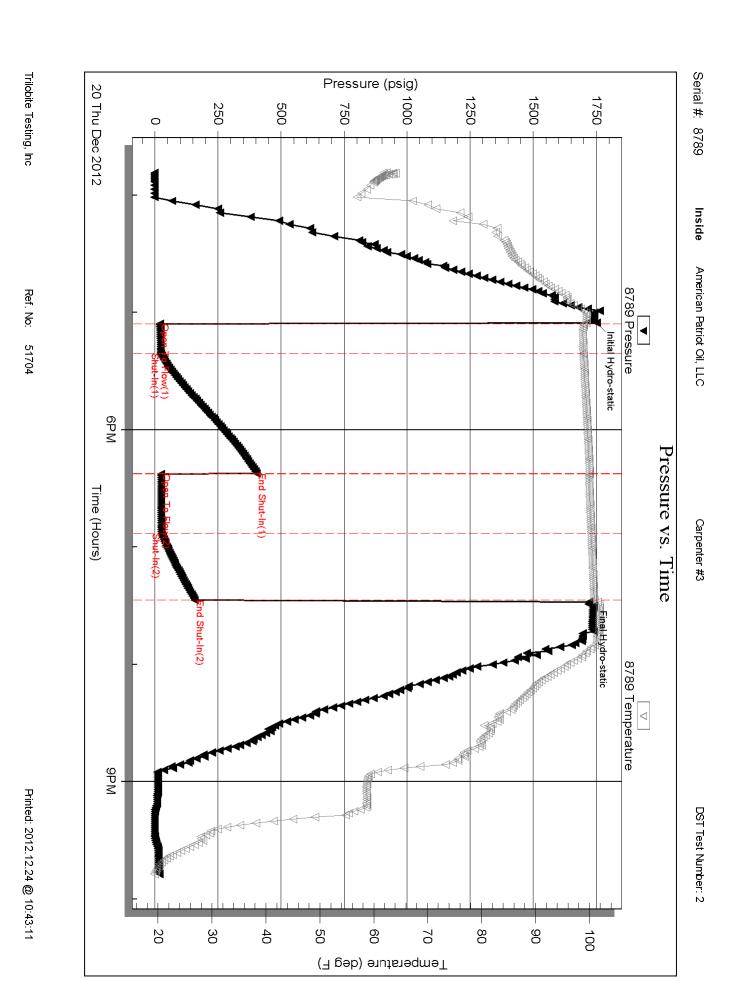
Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 51704 Printed: 2012.12.24 @ 10:43:10





RILOBITE ESTING INC.

57572

NO. 51703

Test Ticket

1515 Commerce Parkway • Hays, Kansas 67601

A Marie Comments					
Well Name & No. Carpenter #1	3	Test No	<u> </u>	Date 12・20 -	-/2_
Company American Patriot	oil LLC	Elevation2	109	KB 2104	GL
Address 1716 N Main St.	suite Al70, 1	Longmont, co	, 805	01	
Co. Rep/Geo. Randy Kilian	•	Rig Ames	cican Ec	isle #2	
Location: Sec. 19 Twp. 6 s	Rge 19w	co. Rooks		State K	Ś
Interval Tested 3528 - 3	644 Zone Tested	Reagan :	Sand		
Anchor Length 1/6'	Drill Pipe Run	3519		ud Wt. 9, 4	
Top Packer Depth 3523	Drill Collars R		Vi	s 5'2	
Bottom Packer Depth 3528	Wt. Pipe Run	0	W	7.8	2
Total Depth LTD 3644	Chlorides	1500 ppm	System LC	CM 2 #	
Blow Description IFA- Packer					
0					
(pulled a /	Monicon!				
Rec_125 Feet of Mud	- Andrew Control of the Control of t	%gas	%oil	%water	%muc
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 125 BHT	-	API RW@)°F C		ppm
(A) Initial Hydrostatic 1801	750 Test)	T-On Loca	2-202-20-20-20-20-20-20-20-20-20-20-20-2	<i></i>
(B) First Initial Flow 1259	□ Jars		T-Started	19194	
(C) First Final Flow	∠ □ Safety Joint _		T-Open		
(D) Initial Shut-In	Circ Sub			13:30	
(E) Second Initial Flow	☐ Hourly Stands	оу		s	
(F) Second Final Flow	Mileage //	2 rt 173.60		s	
(G) Final Shut-In	Sampler				
(H) Final Hydrostatic 1775	Straddle			d Shale Packer	
	☐ Shale Packer			d Packer	
nitial Open	Extra Packer			Copies	
nitial Shut-In		er		0	
Final Flow	Day Standby			1123.60	
Final Shut-In	Accessibility		MP/DST	Disc't	
	Sub Total112	23.60	1	to 1	thank



RILOBITE ESTING INC.

Test Ticket

No. 51704

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Carpenter = 3		Test No2	Dat	12-20-	12
Company American Patriot	Od, LLC	Elevation 20	<u>ن ۹</u> K	2104	GL
Address 1716 N. Main Street	et, Suite A	170, Long	mont, Co	, 8050)(
Co. Rep/Geo. Randy Kilian		Rig America	en Easle	#2	
Location: Sec. 19 Twp. 65		co. Rooks		State KS	
Interval Tested 3528- 3651	Zone TestedR	lagan San	J		1
Anchor Length 123	.2		Mud V	vt. 9.4	
Top Packer Depth 3523	_ Drill Collars Run C		Vis	52	
Bottom Packer Depth 3528	Wt. Pipe Run		WL _	7.8	
Total Depth RTD 3651		ppm S		24	
Blow Description IFP - Weak B	low, Died	in 10 mi	Λ,		
Ist-Dead				-	
F-FP-Dead					
FSI- Dead					
Rec_ 15 Feet of Drilling	usd	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
	Gravity Al	PI RW@_			ppm
(A) Initial Hydrostatic 1750	Test 1150	·		15:45	
(B) First Initial Flow	☐ Jars		T-Started /		
(C) First Final Flow 23	☐ Safety Joint		1 6	7:06	
(D) Initial Shut-In	☐ Circ Sub	s:-:::::::::::::::::::::::::::::::::::	T-Pulled	580 557 5 5 5 5 5	
(E) Second Initial Flow 29	☐ Hourly Standby				
(F) Second Final Flow 25	Mileage 112	*	Comments	81	
(G) Final Shut-In	☐ Sampler				
(H) Final Hydrostatic 1722	☐ Straddle		186	ale Packer_	===
1 6.	☐ Shale Packer		☐ Ruined Pa	cker	
Initial Open	☐ Extra Packer	t>		es	
Initial Shut-In	☐ Extra Recorder)	
Final Flow 30	☐ Day Standby		Total 1150		
nal Shut-In			MP/DST Disc't		
	Sub Total 1150	//	1 fr1	, In	Tyou
Approved By			ason	C of more	
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or equipment, or its statements or opinion concerning the results of any test, tools to	personnel of the one for whom a tes ist or damaged in the hole shall be p	st is made, or for any los ; suff vaid for at cost by the party for	ered or sustained, direc whom the test is made.	tly or indirectly, through t	the use of its

120-878-2730 LLIED OIL & GAS SERVICES, LLC 056080 Federal Tax I.D.# 20-5975804 doug@americanpatroitoilicom SERVICE POINT: REMAT TO P.O. BOX 31 Rusell RUSSELL, KANSAS 67665 SEC.9 JOB START ON LOCATION CALLED OUT DATE /2-21-/2 STATE COUNTY LOCATION How Stockton Ks Carpent ar WELL# 5 north 9 by west no into OLD OK NEW (Circle one) Eagle Prilling OWNER CONTRACTOR TYPE OF JOB CEMENT HOLE SIZE T.D. /700 AMOUNT ORDERED 205 St 6940 41.50 DEPTH CASING SIZE DEPTH TUBING SIZE DRILL PIPE 43 **DEPTH DEPTH** @ 17.90 \$2.201.70 @ 9.35 \$ 766.75 @ 23.40 \$ 163.89 TOOL 12354 COMMON. MINIMUM PRES. MAX 825K POZMIX _ SHOE JOINT MEAS. LINE 75K GEL CEMENT LEFT IN CSG. @ **CHLORIDE** PERFS. ASC_Flo-Sector) 1 Remarks! DISPLACEMENT @ 2,97 \$ 148,50 25# X 2= 50A **EQUIPMENT** CEMENTER Joy P-PUMP TRUCK # 409 HELPER Kevin A BULK TRUCK DRIVER WAthan D-# *410* BULK TRUCK @ 2.48 \$545,60 DRIVER HANDLING 220 2,60 \$1,266.58 MILEAGE 787.07 TA TOTAL \$5,092.68 REMARKS: 17000 852K - Displace 2.39 mil min SERVICE 1000'00 100st - Displace 7,70 Hz 3160 40sk - Displace 17001 DEPTH OF JOB 40'C 105K - 1.59 00 PUMP TRUCK CHARGE wroden plus - Cout to Surface EXTRA FOOTAGE_ MILEAGE /Heavy 53 mile @ 7.70 # 408.10 THOLE = MANIFOLD Light 55 mile @ 4.40 \$ 285, 20 MOUSE HOLE = CHARGE TO: ____ TOTAL STREET ZIP. PLUG & FLOAT EQUIPMENT STATE. \$107.14 To: Allied Oil & Gas Services, LLC. @ 1 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or TOTAL \$ 107.64 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 SALES TAX (If Any)-TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES SK 8 IF PAID IN 30 DAYS PRINTED NAME 157 et 5461,73 SIGNATURE