

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1189459

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:	SecTwpS. R
Address 2:	Feet from
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
□ Oil □ WSW □ SHOW □ Gas □ D&A □ ENHR □ SIGW □ OG □ GSW □ Temp. Abd. □ CM (Coal Bed Methane) □ Cathodic □ Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows:	Producing Formation: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth: Feet Multiple Stage Cementing Collar Used? Yes No 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 Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite:
☐ ENHR Permit #: ☐ GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec. Twp. S. R. East West County: Permit #:

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

Page Two



Operator Name:				Lease N	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken Yes (Attach Additional Sheets)						3	on (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es 🗌 No		Nam	9		Тор	L	Datum
Cores Taken Electric Log Run			es No							
List All E. Logs Run:										
			CASING	RECORD	│ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing : (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
									<u> </u>	
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	n this well?	·			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, file	out Page Three	of the ACC)-1)
Shots Per Foot				O - Bridge Plugs Set/Type ach Interval Perforated			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAC			ACTUOD OF	COMPLE	TION		DDODUGT		
Vented Sold	ON OF GAS: Used on Lease		N Open Hole	NETHOD OF \Box Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	λΝ ΙΝΙΕΚ\	/AL:
(If vented, Sub			Other (Specify)		(Submit A		mit ACO-4)			



PAGE	CHST NO	INVOICE DATE
1 of 1	1005628	11/01/2013

INVOICE NUMBER

1718 - 91327692

Pratt

(620) 672-1201 J

B PRATER OIL & GAS I 1303 N MAIN ST L PRATT

KS US

67124

o ATTN:

LEASE NAME Herndon 4-36

LOCATION В

COUNTY

Barber

S STATE KS

T

JOB DESCRIPTION Cement-New Well Casing/Pi

E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO	•	TERMS	DUE DATE
40657987	27463			Net - 30 days	12/01/2013
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates	s: 10/30/2013 to 10/3	80/2013	1		
0040657987					
171809095A Ceme	ent-New Well Casing/Pi 10/	30/2013			
Cement 5 1/2" Long					
AA2 Cement		225.	DO EA	12.75	2,868.75
Celloflake		57.0	OO EA	2.78	
C-41P		43.0		3.00	
Salt		1,024.	OO EA	0.38	
Cement Friction Red	lucer	64.		4.50	
C-44		212.0	OO EA	3.86	818.85
FLA-322		106.0	OO EA	5.63	
Mud Flush		500.0	OO EA	0.65	322.50
Gilsonite		1,125.0	O EA	0.50	565.31
Claymax KCL Subst	itute	1.0	O EA	26.25	
"Top Rubber Cmt Pl	ug, 5 1/2"""	1.0	O EA	78.75	78.
"Guide Shoe - Regu	lar. 5 1/2"" (Blue)"	1.0	O EA	187.50	187.
"Turbolizer, 5 1/2""	(Blue)"	9.0	O EA	82.50	742. !
Fiapper Type Insrt F	loat Vaive 5 1/2" (Bi	1.0	C EA	161.25	161.:
"Unit Mileage Chg (PÚ, cars one way)"	25.0	OO MI	3.19	79.6
Heavy Equipment M		50.0	O MI	5.25	262.5
"Proppant & Bulk De	el. Chgs., per ton mil/	265.0	O EA	1.20	318.0
Depth Charge, 4001		1.0	O EA	1,890.00	1,890.0
Blending & Mixing S	ervice Charge	225.0	O BAG	1.05	236.2
Plug Container Util.	Chg.	1.0	00 EA	187.50	187.5
"Service Supervisor	, first 8 hrs on loc.	1.0	OO EA	131.25	131.2
* # 3 . 1					

PLEASE REMIT TO: SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP
PO BOX 841903
DALLAS, TX 75284-1903
BASIC ENERGY SERVICES, LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102
TOTAL

INVOICE TOTAL

10,432.28 440.23

10,872.51



PAGE	CUST NO	INVOICE DATE
1 of 1	1C 328	10/29/2013

INVOICE NUMBER

1718 - 91323500

Pratt

(620) 672-1201

B PRATER OIL & GAS

PLEASE REMIT TO:

PO BOX 841903 DALLAS, TX 75284-1903

I 1303 N MAIN ST

L PRATT

KS US

67124

o ATTN:

LEASE NAME J

Herndon 4-36

0 LOCATION В

COUNTY

Barber

SUB TOTAL

INVOICE TOTAL

TAX

5,662.61

5,921.21

258.60

S STATE

KS

I T

JOB DESCRIPTION Cement-New Well Casing/Pi

E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE (ORDER NO.		TERMS	DUE DATE
40656148	20920				Net - 30 days	11/28/2013
			QTY	U of M	UNIT PRICE	INVOICE AMOUN
or Service Date	es: 10/25/2013 to 10/2	5/2013			*	
40656148						
	. N	05/2012				
71809091A Cem Cement 8 5/8 Surf	nent-New Well Casing/Pi 10/2				7 7 2 12	2 1
THE RESERVE OF THE PROPERTY OF			300.00	EA	9.00	2,699.7
0/40 POZ			76.00	EA	2.77	1
elloflake alcium Chloride			774.00		0.79	1
Cement Gel			516.00		0.19	96.
Wooden Cmt Plug	1, 8 5/8"""		1.00		119.99	119
	(PU, cars one way)"		25.00	MI	3.19	1
eavy Equipment N			50.00	MI	5.25	
	Del. Chgs., per ton mil		323.00		1.20	
epth Charge; 0-5			1.00		749.93	
lending & Mixing			300.00		1.09	
Service Superviso	or, first 8 hrs on loc.	0.033,51	1.00	EA	131.2	13
		27. 31	U 976			
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SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP
PO BOX 841903
DALLAS, TX 75284-1903
BASIC ENERGY SERVICES, LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

		HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE
Last Fracture Date:	12/4/2013	
County: BA	ARBER	
API Number (14 Digits): 15-	-007-24100-00-00	
Operator Name: PR	ATER OIL & GAS OPERAT	IONS INC
Well Name and Number: HE	RNDON 4-36	
Latitude:		
Longitude:		
Datum:		Co
Production Type: OII	L & GAS	
True Vertical Depth (TVD):		
Total Base Fluid Volume (gal)*:	370800	



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address and Phone Number
PLEXSLICK 947	CHEMPLEX	FRICTION REDUCER	PETROLEUM DISTILLATE	64742-47-8	30%	0.02%	
PLEXSURF 580 ME	CHEMPLEX	PRODUCT STABALIZER	METHYL ALCOHOL	67-56-1	10%	0.00%	
PLEXSURF 580 ME	CHEMPLEX	PRODUCT STABALIZER	2-BUTOXYETHANOL	111-76-2	50%	0.01%	
CLAYMAX	CHEMPLEX	CLAY STABALIZER	NO HAZARDOUS INGREDIENT				
CHEMPIEX AMA-398	CHEMPLEX	BIOCIDE	DAZOMET	533-74-4	98%	0.05%	
PIEXGEL BREAKER-XPA	CHEMPLEX	BREAKER/SLICKWATER	HYDROGEN PEROXIDE	7722-84-1	7%	0.00%	
PIEXSET 730	CHEMPLEX	ACTIVATOR	METHANOL	67-56-1	50%	0.50%	
PIEXSET 730	CHEMPLEX	ACTIVATOR	ALCOHOL ETHOXYLATES	MIXTURE	60.00%	0.60%	
FRAC SAND	UNLMAN	PROPANT	CRYSTALINE SILICA IN FORM OF QUARTZ	14808-60-7	100.00%	19.30%	
igi calcilis silowii above	are subject to 25 Ci	1910.1200(I) allu appeal	on Material Safety Data Sheets (MSDS). Ingr	l edients snown belov	w are Non-MSDS.		
				-			
		+		-			



Prepared For:

Prater Oil & Gas Operations Inc.

906 William Way Pratt, KS 67124

ATTN: Ron Prater / Scott A

Herndon #4-36

36-30s-12w Barber,KS

Start Date: 2013.10.29 @ 01:32:05

End Date:

2013.10.29 @ 09:37:20

Job Ticket #: 52466

DST#: 1

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



Prater Oil & Gas Operations Inc.

36-30s-12w Barber, KS

906 William Way Pratt, KS 67124

Herndon #4-36 Job Ticket: 52466

DST#: 1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

GENERAL INFORMATION:

Formation:

Mississippi

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Ryan Reynolds

Unit No:

Reference ⊟evations:

1436.00 ft (KB)

1427.00 ft (CF)

Interval:

Time Tool Opened: 03:58:50

Time Test Ended: 09:37:20

4234.00 ft (KB) To 4290.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4290.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

9.00 ft

Serial #: 8790

Press@RunDepth:

Inside

46.92 psig @

4235.00 ft (KB) End Date:

2013.10.29

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

2013.10.29 01:32:10

End Time:

09:37:19

Time Off Btm:

2013.10.29

Time On Btm:

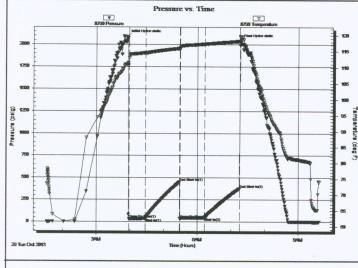
2013.10.29 @ 03:56:05 2013.10.29 @ 07:16:05

TEST COMMENT: IF: Strong blow . BOB @ 2 min. No GTS.

ISI: No blow

FF: Strong blow . BOB immed. No GTS.

FSI: No blow



PRESSURE SUMMARY

PRESSURE SUMMARY									
	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
	0	2091.04	111.32	Initial Hydro-static					
	3	31.17	112.98	Open To Flow (1)					
	32	36.68	114.55	Shut-In(1)					
,	93	453.05	115.93	End Shut-In(1)					
3	94	33.52	115.99	Open To Flow (2)					
	137	46.92	117.30	Shut-In(2)					
7	199	378.42	118.21	End Shut-In(2)					
2	200	2042.28	119.39	Final Hydro-static					
-									

Recovery

Length (ft)	Description	Volume (bbl)
70.00	O spkd M trc%oil, 99%mud	0.34
0.00	1475' GIP (Hvy O sptd M in Hyd. tool)	0.00

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 52466



Prater Oil & Gas Operations Inc.

36-30s-12w Barber, KS

906 William Way Pratt, KS 67124

Herndon #4-36 Job Ticket: 52466

DST#:1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

GENERAL INFORMATION:

Time Tool Opened: 03:58:50

Formation:

Mississippi

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Ryan Reynolds

Unit No:

48

KB to GR/CF:

Reference Bevations:

1436.00 ft (KB)

1427.00 ft (CF) 9.00 ft

Time Test Ended: 09:37:20

Interval:

4234.00 ft (KB) To 4290.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

4290.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8792

Press@RunDepth:

Outside

psig @

4235.00 ft (KB) End Date:

2013.10.29

Capacity: Last Calib.:

8000.00 psig 2013.10.29

Time On Btm:

Start Time:

Start Date:

2013.10.29

01:28:03

End Time:

09:37:57

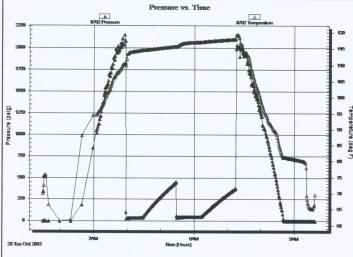
Time Off Btm:

TEST COMMENT: IF: Strong blow . BOB @ 2 min. No GTS.

ISI: No blow

FF: Strong blow . BOB immed. No GTS.

FSI: No blow



PRESSURE SUMMARY

		FI	VE330IN	L SUMMART	
	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
Ten					
Temperature (deg F)					

Recovery

Length (ft)	Description	Volume (bbl)
70.00	O spkd M trc%oil, 99%mud	0.34
0.00	1475' GIP (Hvy O sptd M in Hyd. tool)	0.00

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 52466



TOOL DIAGRAM

Prater Oil & Gas Operations Inc.

36-30s-12w Barber, KS

906 William Way Pratt, KS 67124

Herndon #4-36

Job Ticket: 52466

DST#:1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

Tool Information

Drill Pipe:

Length: 4012.00 ft Diameter: Heavy Wt. Pipe: Length: 0.00 ft Diameter:

Length: 207.00 ft Diameter: 2.25 inches Volume:

3.80 inches Volume: 56.28 bbl 0.00 inches Volume: 0.00 bbl 1.02 bbl

Total Volume:

Tool Weight:

57.30 bbl

2400.00 lb Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 92000.00 lb

Tool Chased

0.00 ft

String Weight: Initial 84000.00 lb

Final 85000.00 lb

Drill Pipe Above KB:

11.00 ft 4234.00 ft

Depth to Top Packer: Depth to Bottom Packer: ft Interval between Packers: 56.00 ft

Drill Collar:

Tool Length: 82.00 ft
Number of Packers: 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4213.00		
Hydraulic tool	5.00			4218.00		
Jars	5.00			4223.00		
Safety Joint	2.00			4225.00		
Packer	5.00			4230.00	26.00	Bottom Of Top Packer
Packer	4.00			4234.00		
Stubb	1.00			4235.00		
Recorder	0.00	8790	Inside	4235.00		
Recorder	0.00	8792	Outside	4235.00		
Perforations	3.00			4238.00		
Blank Spacing	34.00			4272.00		
Perforations	15.00			4287.00		
Bullnose	3.00			4290.00	56.00	Bottom Packers & Anchor

Total Tool Length:

82.00

Trilobite Testing, Inc

Ref. No: 52466



FLUID SUMMARY

deg API

4500 ppm

Prater Oil & Gas Operations Inc.

36-30s-12w Barber, KS

906 William Way Pratt, KS 67124

Herndon #4-36

Job Ticket: 52466

DST#: 1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

Oil API:

Serial #: none

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: Viscosity:

9.00 lb/gal 52.00 sec/qt

Water Loss:

10.38 in³ ohm.m

Resistivity: Salinity: Filter Cake:

4500.00 ppm 0.02 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl	
70.00	O spkd M trc%oil, 99%mud	0.344	
0.00	1475' GIP (Hvy O sptd M in Hyd. tool)	0.000	

Total Length:

70.00 ft

Total Volume:

0.344 bbl

Num Fluid Samples: 0

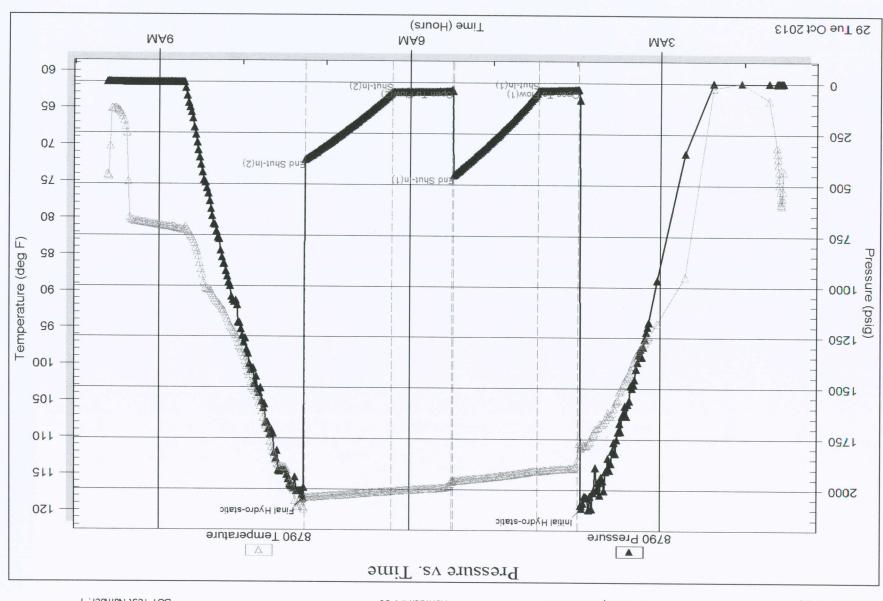
Num Gas Bombs: 0

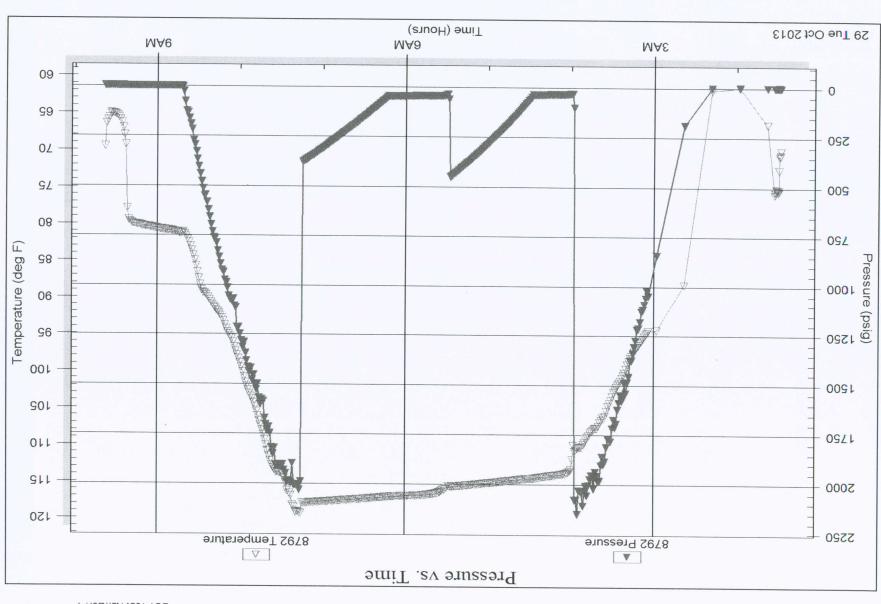
Laboratory Location:

Laboratory Name: Recovery Comments:

Trilobite Testing, Inc

Ref. No: 52466







Final Flow_

Final Shut-In

Test Ticket

Total 1668

MP/DST Disc't

4/10	1515 Commerce Parkw	ay • Hays, Kansas 676	601	NO. 5	2466	
Company Prat Address 906 Co. Rep / Geo. Rep	Herndon 4-30 er OiG Oper William Way on Prater / Scott L Twp. 30s.	Pratt, KS	Elevation / 67124 Rig Stee	1436 line 4	Oate 10 · 2 KB 1426 State K	GL
Anchor Length Top Packer Depth Bottom Packer Depth Total Depth Blow Description TST: No	a blow BoBin	Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides BSB0	4012 207 500 ppm 2 min. No	Vis WL System LCN	d Wt. 9, 6 52 10, 6	>
	Feet of OSpkd M Feet of Huy Osptdi		%gas %gas %gas %gas	%oil %oil %oil	%water %water 9 %	%mud 7 %mud %mud
Rec	Feet of		%gas %gas	%oil %oil	%water %water	%mud %mud
	37 453 34 47 378 2042	Test 1250 Jars 250 Safety Joint 7:	93	T-On Location T-Started T-Open T-Pulled T-Out Comments	on 004 013 035	15 32 59 13 37
Initial OpenInitial Shut-In	60	☐ Extra Packer ☐ Extra Recorder _			opies	

Approved By

Our Representative

Under Control of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly end indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

1668

☐ Day Standby ___

Accessibility _____

Sub-Fotal .

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Sam Brownback, Governor

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner

April 24, 2014

Ron Prater Prater Oil & Gas Operations, Inc. 906 WILLIAM WAY PRATT, KS 67124-3207

Re: ACO-1 API 15-007-24100-00-00 Herndon 4-36 SW/4 Sec.36-30S-12W Barber County, Kansas

Dear Ron Prater:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/24/2013 and the ACO-1 was received on April 18, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department