

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

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: _____

feet depth to: _____ w/ _____ sx cmt.

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:

Operator Name: _____

Lease Name: _____ License #: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1307

Date	12-8-15	Sec.	36	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	7:30 AM	
Lease	Hall C							Well No.	#2	Owner FIS E+S to Rig Follow Flags						
Contractor	Royal							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Surface							Charge To Prospect oil + gas								
Hole Size	12 1/4"		T.D.	222'												
Csg.	8 5/8"		Depth	222'												
Tbg. Size			Depth													
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	15'		Shoe Joint	15'			Cement Amount Ordered 250 80/20 50% CC									
Meas Line			Displace	13 BLS			2 1/2% Gel 1/2 # Flg-seal 250 80/20 4% CC 2%									
EQUIPMENT												Common				
Pumptrk	18	No.	Cementer	Traw			Poz. Mix									
Bulktrk	15	No.	Driver	Billu			Gel.									
Bulktrk	P.W.	No.	Driver	Rick			Calcium									
JOB SERVICES & REMARKS												Hulls				
Remarks:	Cement did not circulate											Salt				
Rat Hole	150 sx down surface pipe											Flowseal				
Mouse Hole	350 sx down backside											Kol-Seal				
Centralizers												Mud CLR 48				
Baskets												CFL-117 or CD110 CAF 38				
D/V or Port Collar												Sand				
used 500 SKS												Handling				
80/20 4% CC 2% Gel												Mileage				
1/2 # Flg-seal												FLOAT EQUIPMENT				
1200 # Hulls supplied by Customer												Guide Shoe				
Customer												Centralizer				
Customer												Baskets				
Customer												AFU Inserts				
Customer												Float Shoe				
Customer												Latch Down				
Customer												Pumptrk Charge				
Customer												Mileage				
Customer												Tax				
Customer												Discount				
Customer												Total Charge				
Signature <i>Doug Budy</i>																

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1945

Date	12/14/15	Sec.	36	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	8:00 AM
Lease								Well No.		Owner					
Contractor								Well No.		To Quality Oilwell Cementing, Inc.					
Type Job								Well No.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size								T.D.		Charge To					
Csg.								Depth		Street					
Tbg. Size								Depth		City State					
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered					
Meas Line								Displace		500 gal Mud Clear 20 BL KCL					
EQUIPMENT												Common			
Pumptrk	5	No.		Cementer	raig										
				Helper	Britt										
Bulktrk	14	No.		Driver	W. CK										
				Driver	Doog										
Bulktrk	9	No.		Driver											
				Driver											
JOB SERVICES & REMARKS												Hulls			
Remarks:												Salt			
Rat Hole												Flowseal			
Mouse Hole												Kol-Seal			
Centralizers												Mud CLR 48			
Baskets												CFL-117 or CD110 CAF 38			
D/V or Port Collar												Sand			
5 1/2 SAG 3679 B3 Circulation.												Handling			
Pump 500 gal mud clear 20 BL KCL												Mileage			
Cement 5 1/2 with 175 SK Clear												FLOAT EQUIPMENT			
lines & Displace Plug												Guide Shoe			
Plug and w/ @ 1500'												Centralizer 13 Turbo's			
Release Pressure Dr.												Baskets 1 Blue 1 Red			
Drop Down & Open Tool												AFU Inserts			
Circulate 30 min												Float Shoe 1			
												Latch Down 1 Weather bird			
												Weather bird DV Tool			
												Pumptrk Charge			
												Mileage			
												Tax			
												Discount			
												Total Charge			
X Signature															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1946

Date	12-14-15	Sec.	36	Twp.	11	Range	17	County	Ellis	State	KS	On Location		Finish	12:00pm
Location								Coral & River Road 23 Einto							

Lease	Hull C	Well No.	2	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	Royal	Type Job	DU JOB	Charge To	Prospect Oil
Hole Size	7 7/8	T.D.		Street	
Csg.	5 1/2	Depth		City	State
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool	DU Tool	Depth	135'	Cement Amount Ordered	250 ⁶⁰⁰ 1/10 QMDC 1/4 # F10
Cement Left in Csg.		Shoe Joint			
Meas Line		Displace	31 1/2 BC		

EQUIPMENT

Pumptrk	5	No.	Cementer	1213	Common
			Helper		Poz. Mix
Bulktrk	9	No.	Driver	Brett	Gel.
			Driver	Loys	Calcium
Bulktrk	14	No.	Driver	Dick	

JOB SERVICES & REMARKS

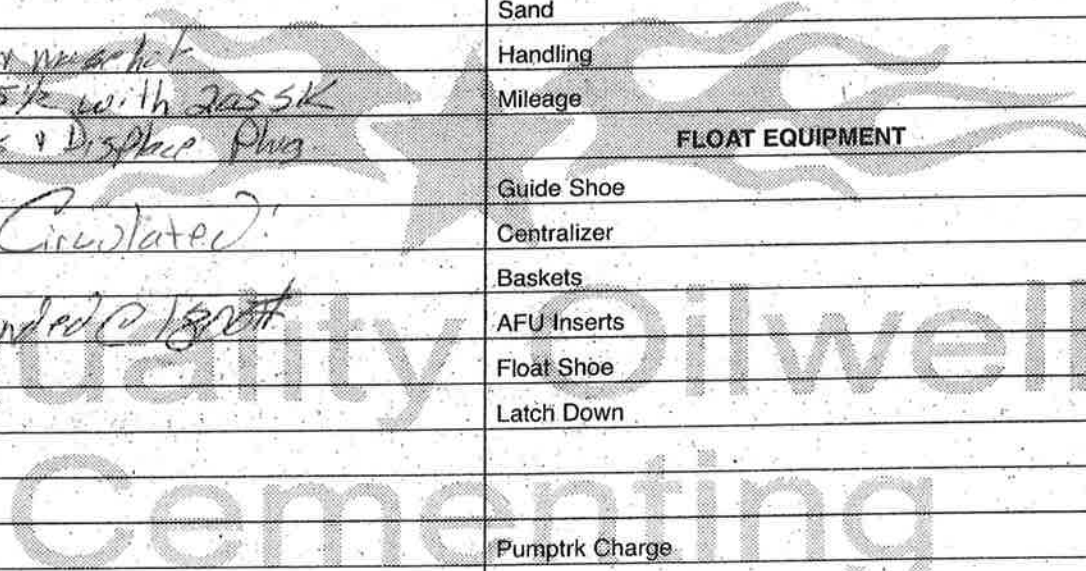
Remarks:		Hulls	
Rat Hole	30SK	Salt	
Mouse Hole	15SK	Flowseal	
Centralizers	KCC Pal Stacks	Kol-Seal	
Baskets		Mud CLR 48	
D/V or Port Collar		CFL-117 or CD110 CAF 38	
		Sand	
		Handling	
		Mileage	

FLOAT EQUIPMENT

		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	
		Float Shoe	
		Latch Down	

		Pumptrk Charge	
		Mileage	
		Tax	
		Discount	
		Total Charge	

X Signature *Wally Bondy*



Cement Ratio marked
Cement 5 1/2 with 205SK
Clear lines & Displace Plug
Cement Circulated
Plug landed @ 135'



DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837
Russell KS 67665-0837

ATTN: Brad Hutchinson

Hall C #2

36-11s-17w Ellis,KS

Start Date: 2015.12.13 @ 01:27:00

End Date: 2015.12.13 @ 08:30:00

Job Ticket #: 64752 DST #: 1

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

Printed: 2015.12.14 @ 10:47:55



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp
 PO Box 837
 Russell KS 67665-0837
 ATTN: Brad Hutchinson

36-11s-17w Ellis,KS

Hall C #2

Job Ticket: 64752

DST#: 1

Test Start: 2015.12.13 @ 01:27:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:40:00

Time Test Ended: 08:30:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jim Svaty

Unit No: 76

Interval: 3565.00 ft (KB) To 3648.00 ft (KB) (TVD)

Reference Elevations: 2121.00 ft (KB)

Total Depth: 3648.00 ft (KB) (TVD)

2115.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8789 Outside

Press@RunDepth: 82.05 psig @ 3569.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.12.13

End Date: 2015.12.13

Last Calib.: 2015.12.13

Start Time: 01:27:02

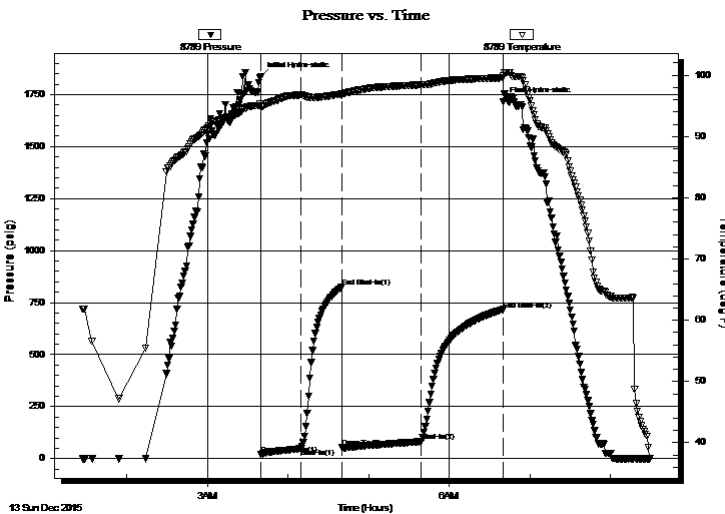
End Time: 08:29:15

Time On Btm: 2015.12.13 @ 03:39:30

Time Off Btm: 2015.12.13 @ 06:40:15

TEST COMMENT: 30-IF- BOB in 17 min.
 30-ISI- No Blow
 60-FF- Surface Blow Building to 2" In 10 min. Died Back in 18 min.
 60-FSI- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1837.10	95.31	Initial Hydro-static
1	21.55	94.82	Open To Flow (1)
31	48.50	96.79	Shut-In(1)
61	823.49	96.95	End Shut-In(1)
61	53.28	96.70	Open To Flow (2)
120	82.05	98.44	Shut-In(2)
181	716.72	99.59	End Shut-In(2)
181	1713.73	99.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCO 50% m 50% o	0.88
63.00	MCO 15% m 85% o	0.88
50.00	CO 100%	0.70
0.00	75 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

36-11s-17w Ellis,KS

PO Box 837
Russell KS 67665-0837

Hall C #2

Job Ticket: 64752

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2015.12.13 @ 01:27:00

Tool Information

Drill Pipe:	Length: 3551.00 ft	Diameter: 3.80 inches	Volume: 49.81 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	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: 50000.00 lb
			<u>Total Volume: 49.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3565.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	104.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3545.00	
Shut In Tool	5.00			3550.00	
Hydraulic tool	5.00			3555.00	
Packer	5.00			3560.00	21.00 Bottom Of Top Packer
Packer	5.00			3565.00	
Stubb	1.00			3566.00	
Perforations	2.00			3568.00	
Change Over Sub	1.00			3569.00	
Recorder	0.00	8289	Inside	3569.00	
Recorder	0.00	8789	Outside	3569.00	
Blank Spacing	62.00			3631.00	
Change Over Sub	1.00			3632.00	
Perforations	13.00			3645.00	
Bullnose	3.00			3648.00	83.00 Bottom Packers & Anchor

Total Tool Length: 104.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp

36-11s-17w Ellis,KS

PO Box 837
Russell KS 67665-0837

Hall C #2

Job Ticket: 64752

DST#: 1

ATTN: Brad Hutchinson

Test Start: 2015.12.13 @ 01:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCO 50%m 50%o	0.884
63.00	MCO 15%m 85%o	0.884
50.00	CO 100%	0.701
0.00	75 GIP	0.000

Total Length: 176.00 ft

Total Volume: 2.469 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

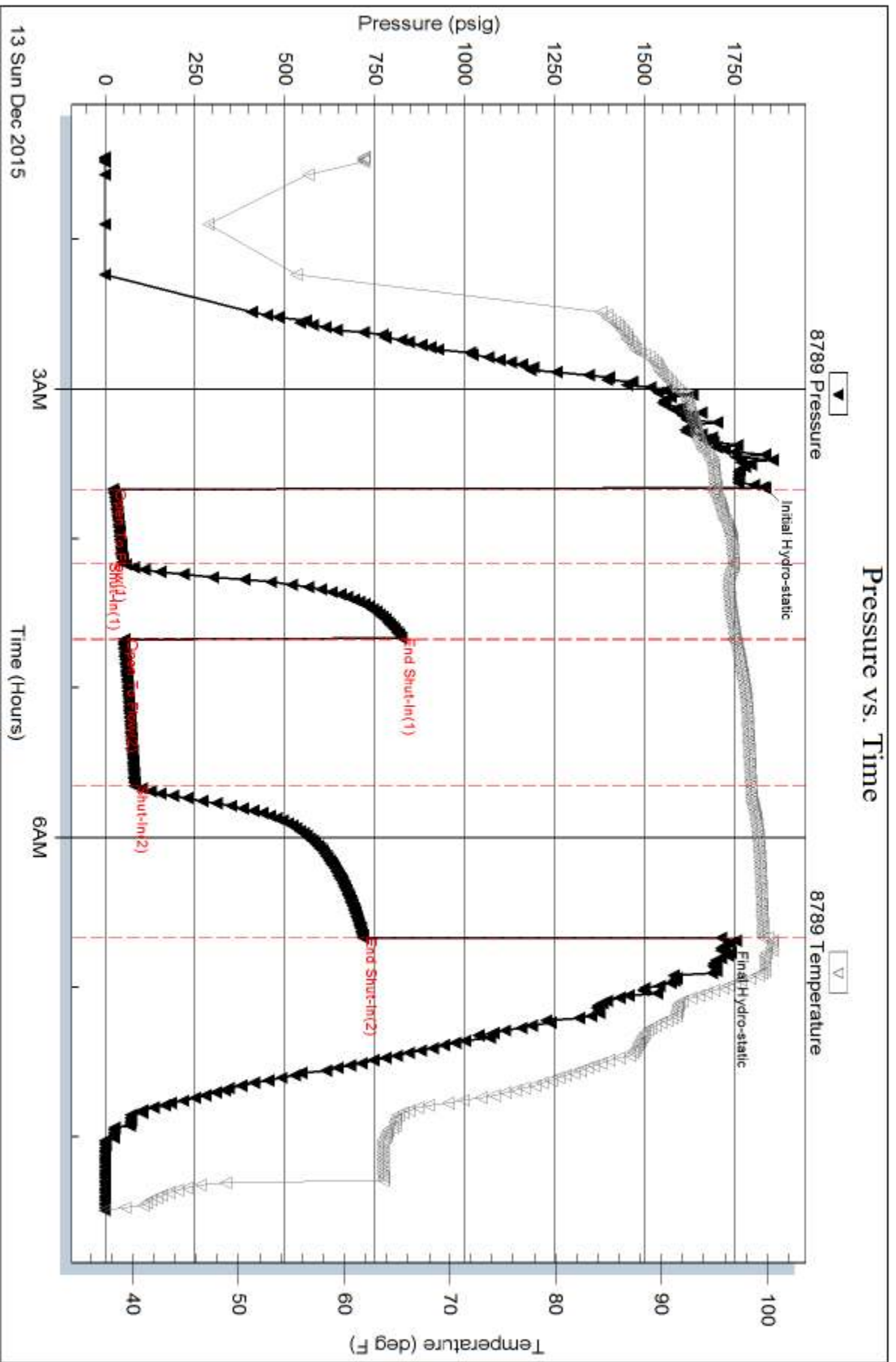
Serial #:

Laboratory Name:

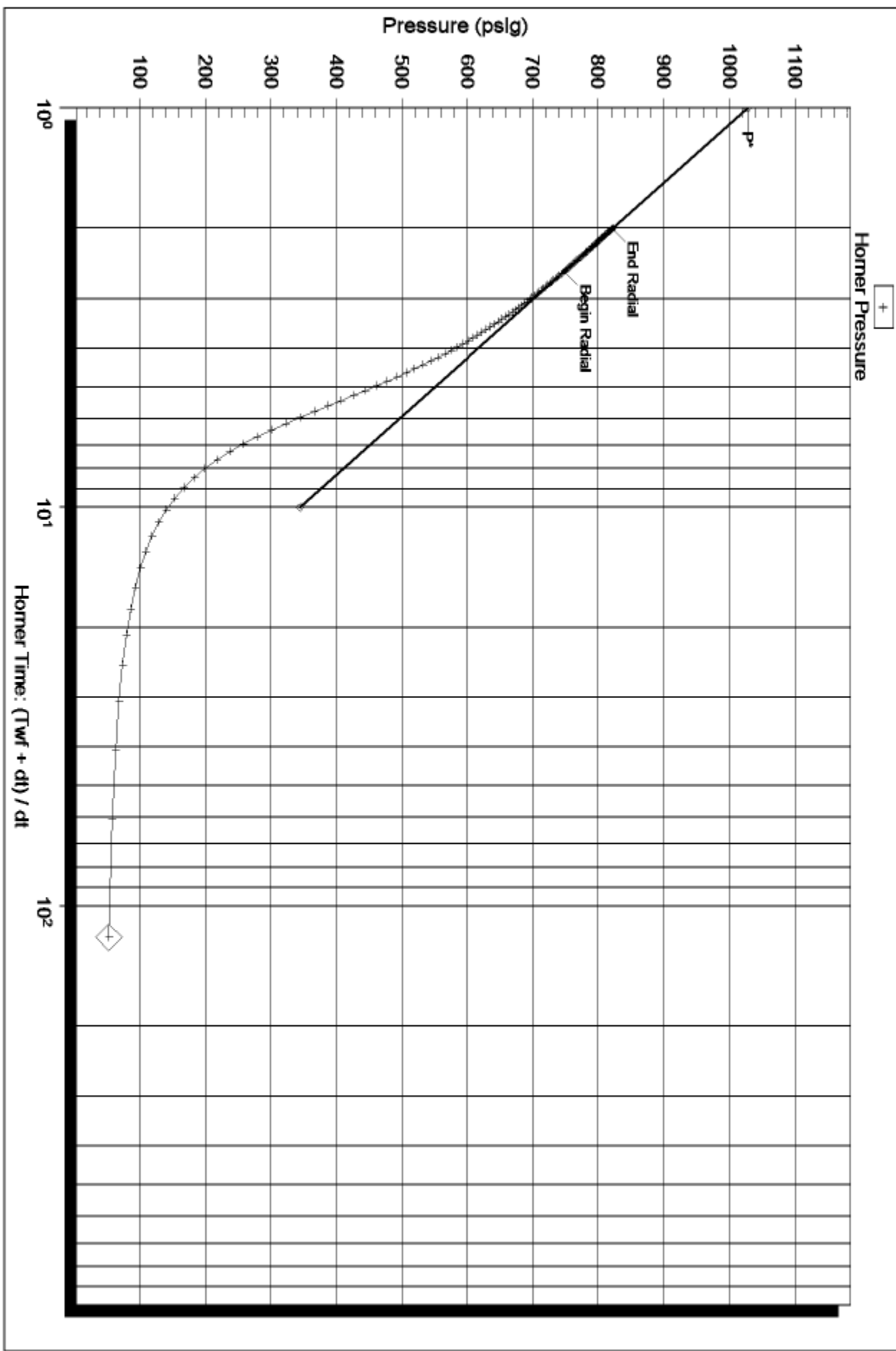
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Horner Plot



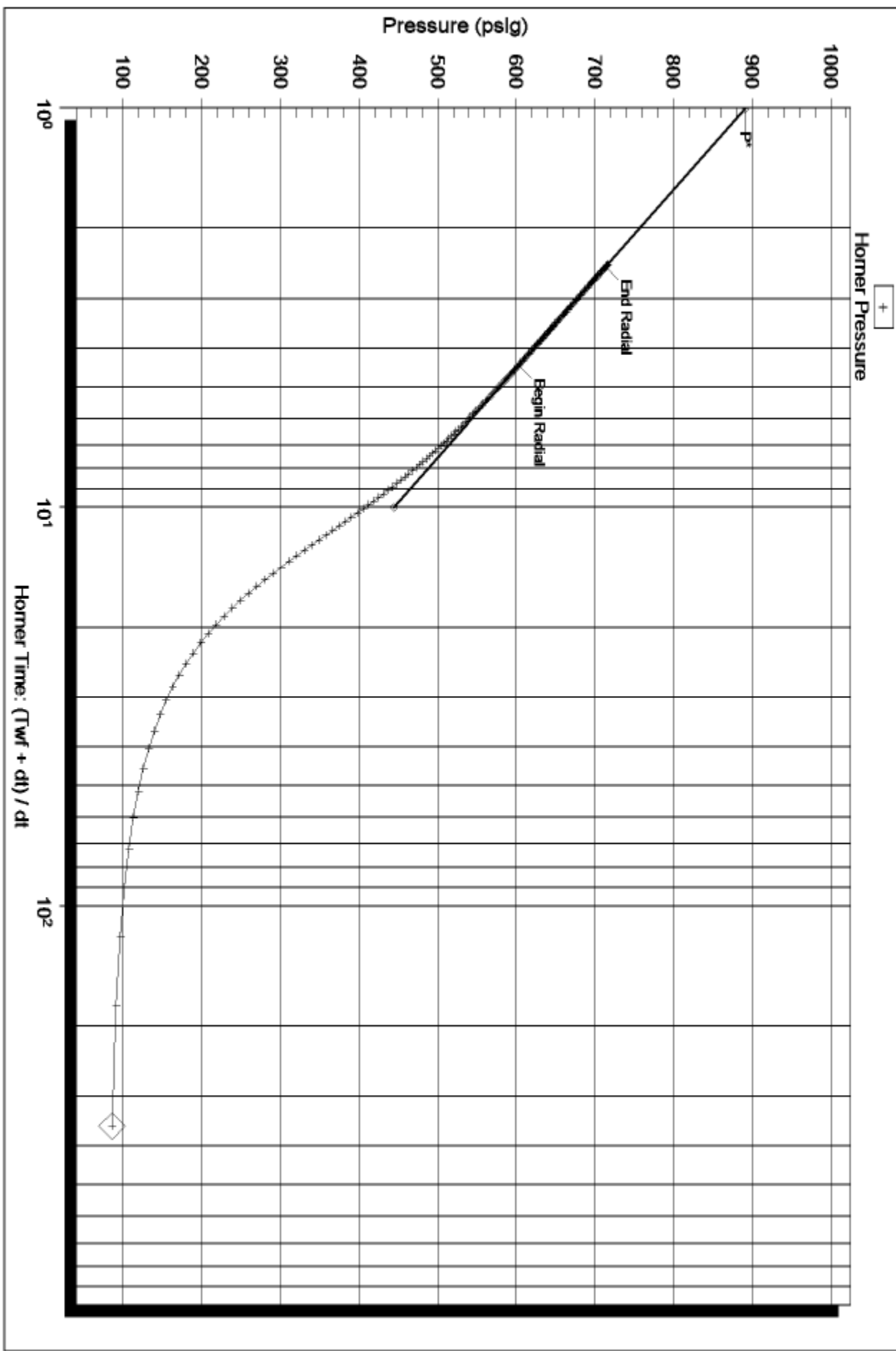
Serial Number: 8789 (Outside)

P* : 1028.33

Slope (m) : 684.09 kpa/log cycle

Flow Cycle: 1

Horner Plot



Serial Number: 8789 (Outside)

P* : 891.54

Slope (m) : 447.31 kpa/log cycle

Flow Cycle: 2



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64752**

Well Name & No. Hall C # 2 Test No. 1 Date 12-13-15
 Company Prospect Oil & Gas Corp. Elevation 2121 KB 2115 GL
 Address P.O. Box 837 Russell KS 67665-0837
 Co. Rep / Geo. Brad Hutchinson Rig Royal #1
 Location: Sec. 36 Twp. 11 Rge. 17 Co. Ellis State KS

Interval Tested 3565-3648 Zone Tested Carb. Sand Marmaton
 Anchor Length 83 Drill Pipe Run 3551 Mud Wt. 9.1
 Top Packer Depth 3560 Drill Collars Run Ø Vis 51
 Bottom Packer Depth 3565 Wt. Pipe Run Ø WL 7.6
 Total Depth 3648 Chlorides 2700 ppm System LCM 2

Blow Description IF - BOB in 17 min.
ISI - No Blow
FF - Surface Blow Build To 2 in. In 10 min. Died Back in 18 min.
FSI - No Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>MCO</u>	<u>50</u>		<u>50</u>	
<u>63</u>	<u>MCO</u>	<u>85</u>		<u>15</u>	
<u>50</u>	<u>CO</u>	<u>100</u>			

Rec Total 176 BHT 100 Gravity 32 API RW @ ° F Chlorides ppm
 (A) Initial Hydrostatic 1837 Test 1050 T-On Location 00:40
 (B) First Initial Flow 21 Jars T-Started 01:27
 (C) First Final Flow 48 Safety Joint T-Open 03:40
 (D) Initial Shut-In 823 Circ Sub T-Pulled 06:40
 (E) Second Initial Flow 53 Hourly Standby T-Out 08:30
 (F) Second Final Flow 82 Mileage 42 RT Comments _____
 (G) Final Shut-In 716 Sampler _____
 (H) Final Hydrostatic 1713 Straddle _____
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Initial Open 30 Day Standby _____
 Initial Shut-In 30 Accessibility _____
 Final Flow 60 Sub Total 0
 Final Shut-In 60 Total 1092
 Sub Total 1092 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or 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.