KOLAR Document ID: 1274471

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 #	API No.:				
Name:	Spot Description:				
Address 1:	SecTwpS. R East _ West				
Address 2:	Feet from  North / South Line of Section				
City: State: Zip:+	Feet from				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	Datum: NAD27 NAD83 WGS84				
Wellsite Geologist:	County:				
Purchaser:	·				
Designate Type of Completion:	Lease Name: Well #:				
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:				
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Producing Formation: Kelly Bushing:   Elevation: Ground: Kelly Bushing:   Total Vertical Depth: Plug Back Total Depth:				
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet				
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No				
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet				
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:				
Operator:	•				
Well Name:	feet depth to:w/sx cmt.				
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to EOR Conv. to SWD  Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls				
Dual Completion Permit #:	Dewatering method used:				
SWD Permit #:	Location of fluid disposal if hauled offsite:				
EOR Permit #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
	Quarter Sec TwpS. R EastWest				
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:						

KOLAR Document ID: 1274471

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [	East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery,  Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F		Y€  Y€	es No							
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia reicent Additives	
Plug Off Z										
Did you perform     Does the volum     Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping  Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Prospect Oil & Gas Corp
Well Name	Hall C 2
Doc ID	1274471

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	222	80/20		4% CC, 2% Gel
Production	7.875	5.5	17	3679	80/20, QMDC	425	10% Salt, 5% Gil

## 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

Cell 703-324-1041			W1		
Date 12-8-15 Sec. 36	Twp. Range	County	State	On Location	Finish 7.30AN
	Loca	ation Code	1 Rd + Ri	ver Rd J	ct, 25
Lease	Well No. # 2	Owner # /	5 E+5 +	o Roa Follow	Flogs
Contractor Roual		To Quality Oi	lwell Cementing, Inc	cementing equipmen	t and furnish
Type Job Surface	A 188 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 - 198 -	cementer and	helper to assist ow	ner or contractor to de	work as listed.
Hole Size 1214 H	т.р. 2221	Charge To	050ect 6	sil + aas	и
Csg. 8 5/8 11	Depth 222	Street		J	
Tbg. Size	Depth	City	*	State	
Tool	Depth	The above was	s done to satisfaction a	nd supervision of owner	agent or contractor.
Cement Left in Csg. / 5	Shoe Joint /5	Cement Amo	unt Ordered 25	0 80/20	30/0 CC
Meas Line	Displace 13 BLS	2% Gel	1/2 # T/6-88	al 2505%	0 4% 66.
EQUIP	MENT	Common			- 1
Pumptrk / No. Cementer / Helper	Faul	Poz. Mix			- 15
Bulktrk /5 No. Driver /3	lta :	Gel.	7.7	5 P	100
Bulktrk D. U.No. Driver Bulktrk		Calcium	8		275 31
JOB SERVICES	& REMARKS	Hulls		2	
Remarks:		Salt		7 7	, 19 E
Rat Hole Cemen	did Circulate	Flowseal			
Mouse Hole 150 SX	down Surface	Kol-Seal			
Centralizers 350 5x a	lown backside	Mud CLR 48		6	
Baskets		CFL-117 or C	D110 CAF 38	e v	1
D/V or Port Collar		Sand	A 1879	, e u = z	
		Handling			
used 5	ao sks	Mileage			
80/20	4% (c 2% bel		FLOAT EQUIPM	ENT	
1/21	Flospal .	Guide Shoe			4 6
		Centralizer			8 -
1200 # Ha	115 supplied by	Baskets	- 1000 -		
Custon	mor A	AFU Inserts			
		Float Shoe			
		Latch Down			3
	at a language	***** a			
***	7411467			(ii)	
		Pumptrk Char	ge		
		Mileage		av 2	
K 19		-		Tax	1
	· · · · · · · · · · · · · · · · · · ·	1	3 8	Discount	
Signature 1000 B	1. de	1 n = 1		Total Charge	17.

### 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

					I was parameter			
Date 12/4/5 34	Twp. Range	EI	ounty S	State KS	On Location	8000m		
		Locatio	nCodell o	Kiver And	25 Einto			
Lease Hall C	Well Nock		Owner		1000			
Contractor Koyle #1			You are here	lwell Cementing, Inc by requested to rent	cementing equipment	and furnish		
Type Job DU SOD	Bottom Stage	0	cementer and	helper to assist ow	ner or contractor to do	work as listed.		
Hole Size 77/8	T.D. 3680	Ja V	Charge +	Tospect O:	14/005	(5		
Csg: 5/2 /7#	Depth 3629	- % S	Street	. I	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Tbg. Size	Depth		City	- 1.5	State	4 1 3		
Tool DV Tool	Depth 1354	1.00	The above was	s done to satisfaction a	nd supervision of owner	agent or contractor.		
Cement Left in Csg. 9.10	Shoe Joint 9.10	40	Cement Amo	unt Ordered 175	-8/20 /0/ Salt	5/6/180mi		
Meas Line	Displace 853	6	- 5	Dogal Mideles	I 20BL KC			
EQUIP			Common		1 1 1	- In the second		
Pumptrk 5 Helper 2	4+		Poz. Mix					
Builtin	K		Gel.			790 MI		
Bulktrk 9 No. Driver Doo	a		Calcium	H 2 1 F,				
JOB SERVICES	& REMARKS	M = [	Hulls		0 3 4 6 6 7 4	1 100		
Remarks:	2.00	- 150 250	Salt	*				
Rat Hole			Flowseal		y carl	e of the of		
Mouse Hole	38		Kol-Seal					
Centralizers		- 3.	Mud CLR 48					
Baskets	olias X	1223	CFL-117 or C	D110 CAF 38	,			
D/V or Port Collar	1		Sand			F 52		
5125AC 362	9 83+6/10 ht	on.	Handling	and the second		e ·		
Pumb sooyal mix	100 NOE 40	1214	Mileage	(2.34)		- T		
Cement 51/2 with	h 17536 (1)	err		FLOAT EQUIPM	ENT			
lines V Displace AV	La		Guide Shoe			6 w 200		
Phys kind ide 1500	1		Centralizer	13 Turbo's	1			
Release Hessive	12/		Baskets / ]	Stre / Red	t is the second	1 1 1		
			AFU Inserts					
Dres Day V 200 3	ta/ L		Float Shoe	A E ATA		7 - A. O.		
Circulate 300m	in	/ -	atch Down	Hurether Gre				
		7	Wather	ford DU Tex	5/	- Tello		
		1	umptrk Char	ge				
			Mileage			-		
			W 3		Tax	şi.		
		· ,	2 14		Discount	*:		
Signature 10 806 15	use		- Pg 24		Total Charge			
	Aug ready							

# 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

Lease Wall C Well No. Owner  Contractor Wall No. Top Stage Type Job Wall No. Top Stage Thou Size Depth To Large To Quality Oliwell 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.  Charge To Spart Diriver Tool Wall No. Depth Street The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint Cement Amount Ordered Day Day Wall Harton  EQUIPMENT Common  Pumptrk No. Cementer Wall Peiper Poz. Mix Bulktrk No. Diriver Wall Gel.  Bulktrk Park 2 & REMARKS Huils  Flowseal  Kol-Seal  Mud CLR 48	Date 12-14/15	ec. Twp. Range	E)	County	State	On Location	Finish 12000 m			
Lease Will Contractor Will No.Z Contractor Will Contractor Will Contractor Will Contractor Will Contractor Will Contractor Will Contractor to Govern Amount Ordered Contractor to do work as listed. The store was done to satisfaction and supprvision of owner agent or contractor. The store was done to satisfaction and supprvision of owner agent or contractor. Cement Left in Csq. Shoe Joint Common Equipment Will Common Force Will Contractor Will Common Force Will Contract Will Common Force Will Contract W	July 132 / 1 J		Locat	ion plat	1 River Row 2	3 Einto				
Contractor Type Job T	Lease Wall C	Well No. 2	\$5.00							
Type Job	12 1.1			To Quality O	eby requested to rent	cementina equipmen	t and furnish			
Hole Size 7 8 T.D. Charge Fig. 20 Pepth Street Street Street Street Charge Fig. 3 Per 20 Pepth City State Tool Fig. 5 Pepth City State Tool Fig. 5 Pepth City State Tool Fig. 5 Pepth City State The above was done to satisfaction and supervision of owner agent or contractor. Cement Left in Csg. Shoe Joint Cement Amount Ordered 2 Pepth DMIX 14 Pepth	A —df	TOD Stage	219	cementer an	d helper to assist owr	ner or contractor to d	o work as listed.			
Csg. 5/k Depth Street Tool A Common Depth 125-1 The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint Common Displace 37 kB EQUIPMENT  Pumptrk No. Common Pumptrk No. Driver A Displace 37 kB EQUIPMENT  Pumptrk No. Driver A Gel.  Bulktrk No. Driver A Gel.  JOB SERVICES & REMARKS  Hults  Remarks:  Rat Hole 305/k Kol-Seal  Contralizors  Mud CLR 48  CFL-117 or CD110 CAF 38  Sand  Handling  Handling  Handling  Handling  Application Shoe  Centralizor  Baskets  APU Inserts  Float EQUIPMENT  Guide Shoe  Centralizor  Baskets  APU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	77/22	T.D.	2,1		rosport Dil	100				
Tog. Size  Tool Depth 1357  Depth 1357  The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg. Shoe Joint Cement Amount Ordered 25 10 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-1/>	Depth	F 14	Street		1				
Tool Depth 354  The above was done to satisfaction and supervision of owner agent or contractor.  Cement Left in Csg.  Shoe Joint  Cement Amount Ordered 25 / 1/2		Depth		City		State				
Meas Line  Displace 3 / R  EQUIPMENT  Common  Pumptrk No.   Gementer   Poz. Mix   Helper   Poz. Mix    Bulktrk   No.   Dirver   Poz. Mix   Gel.    Bulktrk   No.   Dirver   Poz. Mix   Gel. Mix   Gel.    Bulktrk   No.   Dirver   Poz. Mix   Gel. Mix   Gel. Mix   Gel. Mix   Gel. Mix   Gel.	N//	Depth /352	4,0			/ /				
Pumptrk No. Cementer Pur Poz. Mix  Pumptrk No. Demons Poz. Mix  Bulktrk No. Derver Purt Gel.  Bulktrk No. Derver Purt Gel.  JOB SERVICES & REMARKS Hulls  Remarks: Salt  Remarks: Salt  Remarks: Remarks: No. Salt  Rouse Hole Josk No. Seal  Centralizers Mud CLR 48  Centralizers Mud CLR 48  CFL-117 or CD110 CAF 38  D/V or Port Collar  Amount Sold Devel Devel  Amount Sold Devel Devel  Guide Shoe  Centralizer  Baskets  Charles No. Seal  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount		Shoe Joint		Cement Amo	ount Ordered 250	DMD OHO	1/4/#1/10			
EQUIPMENT  Pumptrk No. Camenter  Pumptrk No. Driver Bulktrk No. Driver		Displace 31 /	BC		2 3 2 27 8 2					
Pumptrk 5 Helper Poz. Mix  Bulktrk 9 No Direct Color Gel.  Bulktrk 14 No Direct Color Gel.  Bulktrk 14 No Direct Color Gel.  JOB SERVICES & REMARKS  Hulls  Remarks:  Salt  Rat Hole 30514 Kol-Seal  Mouse Hole 5514 Kol-Seal  Centralizers Mud CLR 48  Centralizers Mud CLR 48  CFL-117-or CD110 CAF 38  DIV or Port Collar  Sand  Handling  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount			NN - 64	Common		Yar and	N 700			
Bulktrk 9 No. Driver 14 Gel.  Bulktrk 14 No. Driver 14 Gel.  JOB SERVICES & REMARKS Hulls  Remarks: Salt  Rat Hole 30514 Flowseal  Mouse Hole 15514 Mul CLR 48  Centralizers Mul CLR 48  Driver 15 Gel.  Centralizers Mul CLR 48  Driver 15 Gel.  Gel.  Galcium  Hulls  Rouse Hole 15514 Flowseal  Kol-Seal  Mul CLR 48  CE-117 or CD110 CAF 38  Driver 15 Gel.  Galcium  Mul CLR 48  Flowseal  Flow 15 Gel.  Gel.  Galcium  Flowseal  Kol-Seal  Centralizer  Baskets  Float EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	Pumptrk 5 No. Cementer	5143		Poz. Mix	A Q	COLP BOM FOR				
Bulktrk // No. Driver // Calcium  JOB SERVICES & REMARKS  Remarks:  Rat Hole	O No Driver D	OVA	1 20	Gel.			2 2 2 3			
Salt   Flowseal   Fl	No Driver	Tex -		Calcium			M Te S			
Rat Hole BOSK   Flowseal   Kol-Seal   Kol-Se		CES & REMARKS		Hulls		, , , , , , , , , , , , , , , , , , ,	170°S 9, 11			
Rat Hole 305K Flowseal  Mouse Hole 55K Kol-Seal  Centralizers Mud CLR 48  CFL-117 or CD110 CAF 38  D/V of Port Collar Sand  Handling  Christ 5K to th 3a55K Mileage  Centralizer Baskets  Pura landed 1590th AFU Inserts  Float Shoe  Latch Down  Fumptrk Charge  Mileage  Tax  Discount	Remarks:			Salt	10.1	** post c 167				
Centralizers  Baskets  CFL-117 or CD110 CAF 38  D/V or Port Collar  Church Rath wash Handling  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	Rat Hole 3051C			Flowseal						
Baskets  D/V or Port Collar  Criminal Street And Handling  Criminal Street And Handling  Criminal Street And Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	Mouse Hole 155K	^		Kol-Seal						
DIV or Port Collar  Sand  Handling  Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	Centralizers 1/10	01211	5	Mud CLR 48						
Handling  Concept 5/2 with 3a55/4 Mileage  Check has a Displace Phase  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	Baskets /CC 7	ra-1 Maci D	100	CFL-117 or (	CD110 CAF 38		D. 3.			
Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	D/V or Port Collar			Sand						
Mileage  FLOAT EQUIPMENT  Guide Shoe  Centralizer  Baskets  AFU Inserts  Float Shoe  Latch Down  Pumptrk Charge  Mileage  Tax  Discount	(Invent Later Nices	se hot	, As	Handling						
Guide Shoe  Centralizer Baskets AFU Inserts Float Shoe Latch Down  Pumptrk Charge Mileage  Tax Discount	- 171	with 2055K		Mileage	1.7		- 10° S			
Centralizer Baskets AFU Inserts Float Shoe Latch Down  Pumptrk Charge Mileage  Tax Discount	Clear tres VD	5 Place Plus			FLOAT EQUIPM	ENT				
Baskets AFU Inserts Float Shoe Latch Down  Pumptrk Charge Mileage Tax Discount	1.0	· · · · · · · · · · · · · · · · · · ·		Guide Shoe			* · · · · · · · · · · · · · · · · · · ·			
Baskets AFU Inserts Float Shoe Latch Down  Pumptrk Charge Mileage Tax Discount	Coment Cice	Dated!		Centralizer						
Float Shoe Latch Down  Pumptrk Charge  Mileage  Tax Discount				Baskets						
Float Shoe Latch Down  Pumptrk Charge  Mileage  Tax Discount	Pla lander	10 Janet		AFU Inserts						
Pumptrk Charge  Mileage  Tax  Discount		1 1 1 1 1 1	19.5	Float Shoe	/ A B B 7 A					
Pumptrk Charge  Mileage  Tax  Discount				Latch Down						
Pumptrk Charge  Mileage  Tax  Discount				50.		- 1 × × 1	^			
Mileage Tax Discount				7.72						
Mileage Tax Discount				Pumptrk Cha	arge					
Tax Discount					-					
	w + 1 - 1 - 1			1 10		Tax				
Signature 1 Mich. Park de			100	7		Discount				
	X Signature III M. A. K.				a a	Total Charge				



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



Prospect Oil & Gas Corp

36-11s-17w Ellis, KS

Hall C #2

Tester:

Unit No:

PO Box 837

Russell KS 67665-0837 Job Ticket: 64752

ATTN: Brad Hutchinson Test Start: 2015.12.13 @ 01:27:00

Time

**GENERAL INFORMATION:** 

Formation: Marmaton

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

Time Tool Opened: 03:40:00
Time Test Ended: 08:30:00

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

Total Depth: 3648.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2121.00 ft (KB)

Jim Svaty

76

2115.00 ft (CF)

DST#: 1

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

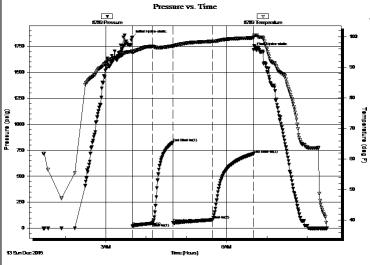
 Time Off Btm:
 2015.12.13 @ 06:40:15

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



(Min.)	(psig)	(deg F)	
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
	ı	1	

PRESSURE SUMMARY

Pressure Temp Annotation

#### 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 Rat	Gas Rates						
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)					

Trilobite Testing, Inc Ref. No: 64752 Printed: 2015.12.14 @ 10:47:55



**TOOL DIAGRAM** 

Prospect Oil & Gas Corp

36-11s-17w Ellis, KS

PO Box 837

Hall C #2

Russell KS 67665-0837

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

3.80 inches Volume: 49.81 bbl 2.75 inches Volume: 0.00 bbl 2.25 inches Volume: 0.00 bbl

Total Volume:

Tool Weight: 2500.00 lb Weight set on Packer: 25000.00 lb Weight to Pull Loose: 50000.00 lb

Drill Pipe Above KB: 7.00 ft
Depth to Top Packer: 3565 00 ft

 49.81 bbl
 Tool Chased
 0.00 ft

 String Weight: Initial
 45000.00 lb

Depth to Top Packer: 3565.00 ft
Depth to Bottom Packer: ft

Final 46000.00 lb

Interval betw een Packers: 83.00 ft Tool Length: 104.00 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			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 Ref. No: 64752 Printed: 2015.12.14 @ 10:47:55



**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 ChemCushion Type:Oil API:32 deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 51.00 sec/qt Cushion Volume: bbl

7.59 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2700.00 ppm Filter Cake: 2.00 inches

#### **Recovery Information**

Water Loss:

#### 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

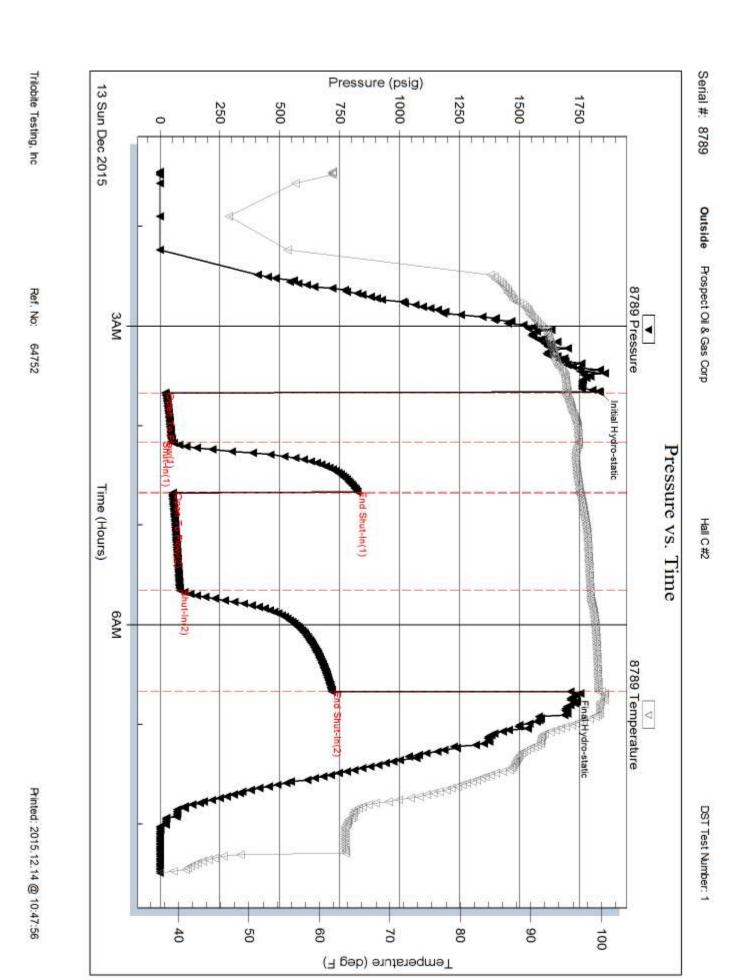
Total Length: 176.00 ft Total Volume: 2.469 bbl

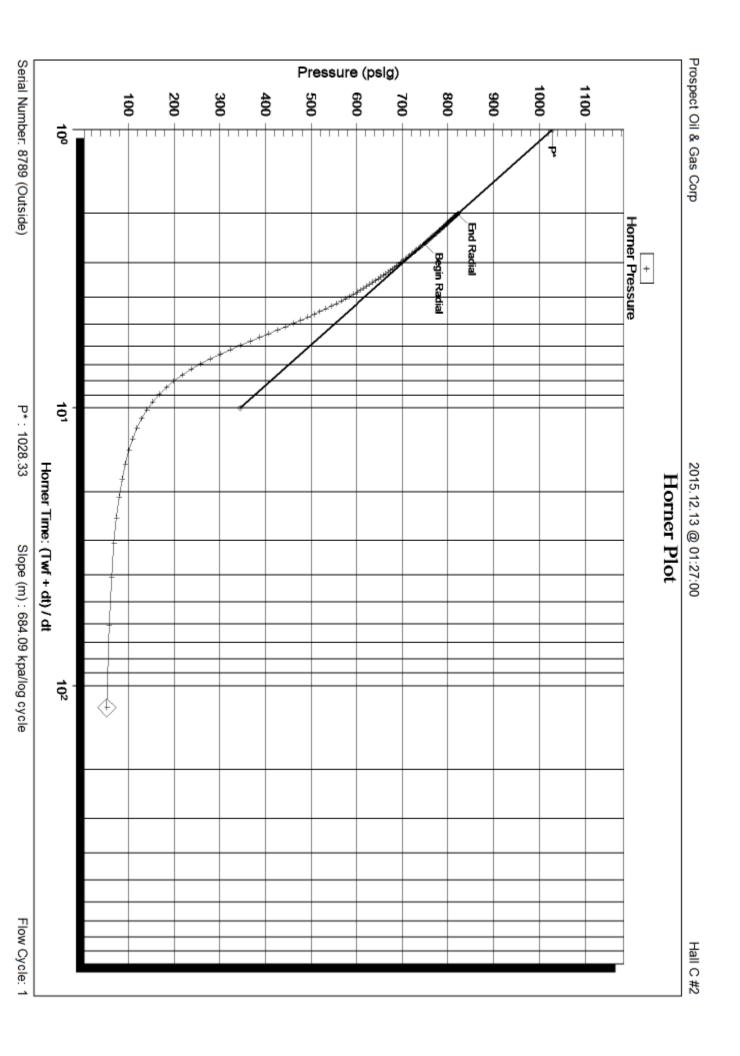
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

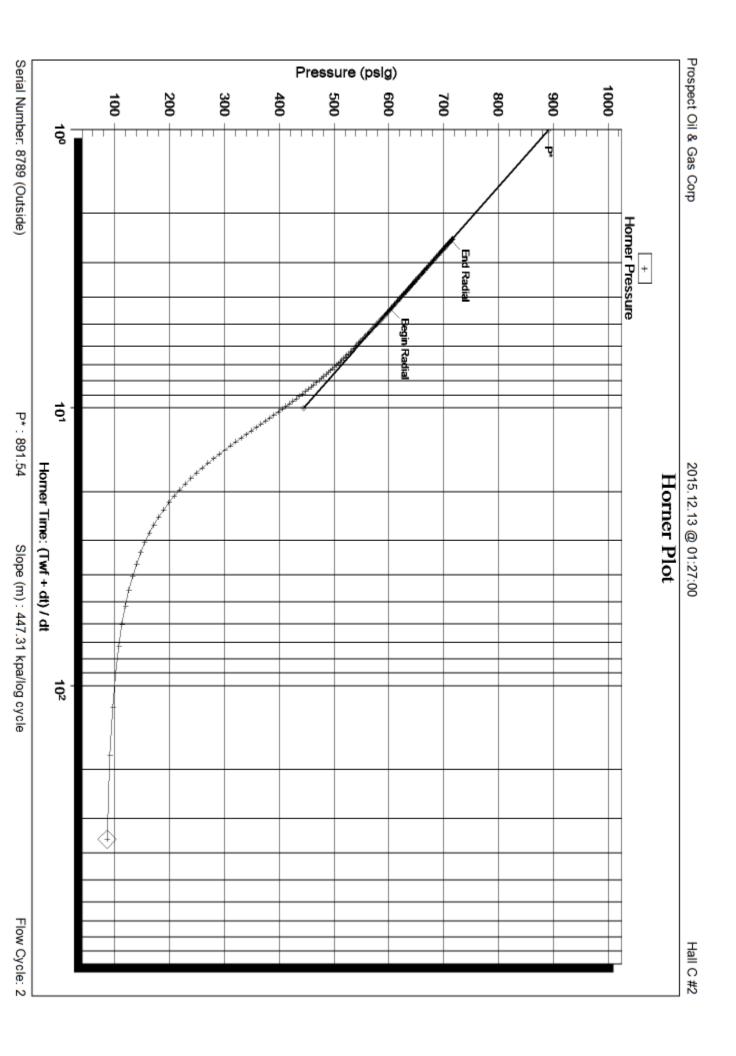
Laboratory Name: Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc Ref. No: 64752 Printed: 2015.12.14 @ 10:47:55









Rec\_\_ Rec Rec Rec Rec

**Test Ticket** 

4/10	1515 Commerce Parkway • H	lays, Kansas 676	601	NO.	64752	
Well Name & No.	Hall C # 2		Test No		Date 12-13-	15
Address P, 0	Box 837 Russ	oll KS	67665-8	0827	KB 2//5	GL
Co. Rep / Geo. Br	Ad Autchidson	OWI	Rig	ROUAL	#/	
Location: Sec.	36_ Twp/ Rg	e. 17	_coE11,	2	State _	5
Interval Tested 3	565-3648	Zone Tested	<del>600</del> 9.	SANCE	Marmater	]
Anchor Length	83	Drill Pipe Run	3551	Mu	d Wt. 9.1	
Top Packer Depth	3560	Drill Collars Run	0	Vis	51	
Bottom Packer Depth_	3565	Wt. Pipe Run	-8	WL	7.6	
Total Depth	3648	Chlorides	2700 ppm	System LC	M_ 2	
Blow Description	F- BOBIN	17min		A		
IS	I- No Blow	File			1 .	1.1
FF	- Surface Blow	Build To	2in. IN/0.	min. Die	dBACKIN 1	Smin
FS.	I - NOBlOW	. ( ) -				
Rec63i	Feet of MCO		%gas 50	) %oil	%water 58	> %mud
Rec63i	Feet of MCO		%gas 8_5	%oil	%water /5	%mud
Rec50_ r	Feet of		%gas / 0	O %oil	%water	%mud
Rec I	Feet of		%gas	%oil	%water	%mud
Rec F	eet of /5	LT	%nas	%oil	%water	% mud

Rec Total	BHT _/OO	Gravity 32 API RW @	F Chloridesppm
A) Initial Hydrostatic	1837	Test_1050	T-On Location
B) First Initial Flow		☐ 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 42RT	Comments
G) Final Shut-In	716	Commiss.	

(H) Final Hydrostatic ☐ Straddle ☐ Ruined Shale Packer\_ ☐ Shale Packer\_\_\_\_\_ Ruined Packer Initial Open Extra Packer \_ □ Extra Copies \_

☐ Extra Recorder \_\_\_\_\_ Day Standby \_\_\_

Accessibility 1092 Sub Total

MP/DST Disc't

1092

Sub Total

Approved By

Initial Shut-In

Final Flow

Final Shut-In

Our Representative

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.