

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1224674

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:			Sec	TwpS. R	East West
Address 2:			F6	eet from North /	South Line of Section
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:
Phone: ()			□ NE □ NW	V □SE □SW	
CONTRACTOR: License #			GPS Location: Lat:	, Long: _	
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84	
Purchaser:			County:		
Designate Type of Completion:			Lease Name:	W	/ell #:
	e-Entry	Workover	Field Name:		
	_		Producing Formation:		
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet
Operator:			If Alternate II completion, c	cement circulated from:	
Well Name:			feet depth to:	w/	sx cmt.
Original Comp. Date:					
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan	
☐ Plug Back	Conv. to G		(Data must be collected from the		
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls
Dual Completion			Dewatering method used: _		
SWD			Location of fluid disposal if	hauled offsite	
☐ ENHR			1		
GSW	Permit #:		Operator Name:		
_ <del>_</del>			Lease Name:	License #:_	
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West
Recompletion Date		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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:



Operator Name:			Lease Name:			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	ring and shut-in pressu	ormations penetrated. Dres, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott		
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional S		Yes No			on (Top), Depth an		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		0.0000					
		CASING Report all strings set-o	RECORD Ne onductor, surface, inte		ion, 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
Durmaga	Depth		CEMENTING / SQU	EEZE RECORD			
Purpose: Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydrou	ulia fracturing tractment or	a this well?		Yes	No (If No, ski	n quantiana 2 an	(d 2)
	ulic fracturing treatment or otal base fluid of the hydra	aulic fracturing treatment ex	ceed 350,000 gallons?	= =	= ' '	p questions 2 an p question 3)	u 3)
Was the hydraulic fractur	ring treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement		
	Specify Fo	ootage of Each Interval Perf	orated	(Ai	mount and Kind of Ma	terial Used)	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		l
Date of First, Resumed	Production, SWD or ENH	R. Producing Meth		Gas Lift C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil B		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITIO	ON OF GAS:		METHOD OF COMPLE	TION:		PRODUCTIO	DN INTERVAL:
Vented Sold		Open Hole	Perf. Dually	Comp. Cor	mmingled	1110000110	TO THE LANGE.
	bmit ACO-18.)	Other (Specify)	(Submit A	ACO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 3-3
Doc ID	1224674

## All Electric Logs Run

Microresistivity Log	
Borehole Compensated Log	
Dual Compensated Porosity Log	
Dual Induction Log	
Sector Bond / Gamma Ray CCL Log	

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 3-3
Doc ID	1224674

## Tops

Name	Тор	Datum
Anhydrite	2451	679
B/Anhydrite	2470	660
Topeka	3755	-625
Heebner	3996	-866
Toronto	4015	-885
Lansing	4041	-911
С	4081	-951
D	4095	-965
Е	4136	-1006
F	4145	-1015
Muncie Creek	4226	-1096
Н	4239	-1109
I	4277	-1147
J	4304	-1174
Stark Shale	4328	-1198
К	4341	-1211
L	4384	-1254
ВКС	4411	-1281
Marmaton	4467	-1337
Altamont	4495	-1365
Pawnee	4545	-1415
Myrick Station	4588	-1458
Fort Scott	4596	-1466
Cherokee	4623	-1493

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 3-3
Doc ID	1224674

## Tops

Name	Тор	Datum
Johnson Zone	4671	-1541
U Morrow Sand	4816	-1686
Missippian	4833	-1703

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	Decker 3-3
Doc ID	1224674

### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.2500	8.625	23	264	Common	220	3% CC, 2% gel
Production	7.875	5.50	15.50	4878	ASC	150	5# gilsonite
Production	7.875	5.50	15.50	2411	Lite		65/35 poz 6% gel 1/4# floseal



PO Box 93999 Southlake, TX 76092

Voice:

(817) 546-7282

Fax:

(817) 246-3361

#### Bill To:

Landmark Resources, Inc. 1616 S. Voss

Suite 600

Houston, TX 77057-1264

INVOICE

Invoice Number: 144855

Invoice Date: Aug 2, 2014

Page:

APPROVED AUG 2 0 2014

1

Customer ID	Field Ticket#	Payment	Terms
Land	63273	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 2, 2014	9/1/14

Quantity	ltem			Shirt Earling Steven
		Description	Unit Price	Amount
1.00	The state of the s	Decker #3-3		
220.00		Class A Common	17.90	3,938.00
413.00	CEMENT MATERIALS	Gel	1.05	433.65
620.00	CEMENT MATERIALS	Chloride	1.10	682.00
237.87	CEMENT SERVICE	Cubic Feet Charge APPROVED 2 0 2014	2.48	589.92
465.29	CEMENT SERVICE	Ton Mileage Charge	2.75	1,279.55
1.00	CEMENT SERVICE		1,512.25	1,512.25
45.00	17	Surface Pump Truck Mileage Light Vehicle Mileage	7.70	346.50
45.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	198.00
1.00	CEMENT SUPERVISOR	Kelly Gabel	7.40	130.00
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
		PJ. AUG 202014  446606 7146.77		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

2,244.97

ONLY IF PAID ON OR BEFORE Sep 1, 2014

Subtotal Sales Tax Total Invoice Amount Payment/Credit Applied TOTAL 000

9,391.74+ 2,244.97-

0 . \*

8,979.87 411.87 9,391.74

9,391.74

7 . 146 . 77 \* +

## ALLIED OIL & GAS SERVICES, LLC 063273 Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092				SERVICE POINT:				
•								
DATE 82-14	SEC. 3	TWP.	RANGE 34W	CALLED OUT	ON LOCA	TION 12AM	JOB START	
LEASE DECKER	WELL#	3-3	LOCATION Dev	ICC E +DEG	cle Rd-	5 70	COUNTY	STATE K
OLD OR KEWYCI	rcle one)		Rd 340 1	E 54W 17	147			
CONTRACTOR				OWNER		<u> </u>		
TYPE OF JOB 5			. 269	CEMENT				
CASING SIZE S			TH 269		ODDEDED .	2200	VS CON	n3%cc
TUBING SIZE	-/0-	100100011100	TH TH	2900				1570 C.C.
DRILL PIPE			TH		·			1
TOOL		DEI	TH			18 88		
PRES. MAX		MIN	MUMIN	COMMON	2	205/	@1790	-393800
MEAS. LINE			DE JOINT	POZMIX .			@	
CEMENT LEFT IN	CSG.	15		GEL .			@ <u>195</u>	73365
PERFS.	17.15	( \ \		CHLORIDE	i	204	@ 110	68200
DISPLACEMENT				ASC			<u>@</u>	·
	EQUI	PMENT		Moto	ric O	lold(	@	20053.65
PUMP TRUCK (	CEMENTE	R Ke	weahet	- <del>-</del> -	- 1 x	~ \	@	
[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]			ne McGhal	<u>, (10/6</u>	3.41 Ja	06)	@	- 111
BULK TRUCK	TODI DIC	W-7-	mexica 191	H —			@	
# 3735308 1	DRIVER &	Steb	on (TWS)				@	
BULK TRUCK				<del></del>			@	· <del></del>
# 1	DRIVER			- HANDLING	3237.8	7 cust	@ 248	58993
	REM	IARKS:		MILEAGE	101344	20X	イランス 7.5 TOTAL	
nigged u							TOTAL	
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		K	eliyterew	MANIFOLI	)		e ·	
					MILV	45	@ 44 <u>9</u>	-19800
authorms / C	m L ii s	-01/		100	1157 0	851		
CHARGE TO: 40	a Man	anc		— ( ) 6	11.36 8	16)		202 21
STREET	<u> </u>	-17 10					TOTAL	J. 10 to Cl
CITY	STA	TE	ZIP	53130	PLUG & I	FLOAT	EQUIPMEN	T
					27		2.2	
					THE STATE OF		@	
						- 1, 1111	.@	
To: Allied Oil & O	Gas Servic	es, LLC.			a		.@	
You are hereby re-	quested to	rent cen	nenting equipment				.@	
and furnish cemer	nter and he	elper(s) to	o assist owner or				.@	
contractor to do w	ork as is I	isted. Th	ne above work wa	s				İ
done to satisfaction	on and sup	ervision	of owner agent or				TOTAL	
contractor. I have				041 00 04 7				
TERMS AND CO	NOITION	IS" listed	on the reverse sig	ie. SALES TAX	x (It Any)	10-1	572	
				TOTALCH	ARGES	,917.	07	
DDINITED MALE	1		- 22		2.214.9	7/2	18/	D IN 30 DAYS
PRINTED NAME_	11	1 .	/ /	DISCOUNT	Day to	2110		O DAYS
/	//,	1	() /		6,70	04. 7/	Ne	
SIGNATURE(	AMMI	[h_/	latte					
		2	1.					



PO Box 93999 Southlake, TX 76092

Invoice Number: 145359

Invoice Date: Aug 24, 2014

Voice: (817) 546-7282 Fax: (817) 246-3361	fl.	Page: 1	
Bill To:	SEP ,	10	
Landmark Resources, Inc. 1616 S. Voss Suite 600 Houston, TX 77057-1264	# 46739	APPROVED S	SEP 0 9 2014
	1,4.	11, 1,00	
Customer ID	Field Ticket #	Payment	Terms
Customer ID Land		Payment Net 30	
	Field Ticket #	Payment	

Quantity	Item	Descripti	on	Unit Price	Amount
1.00	WELL NAME	Decker #3-3			
150.00	CEMENT MATERIALS	ASC		23.50	3,525.00
750.00	CEMENT MATERIALS	Gilsonite		0.98	735.00
520.00	CEMENT MATERIALS	Light Weight Class A		19.88	10,337.60
130.00	CEMENT MATERIALS	Flo Seal	SEP 1 0 2014	2.97	386.10
45.00		FL-160	DL1 1 0 2014	18.90	850.50
23.00	CEMENT MATERIALS	Powdered Defoamer		3.50	80.50
12.00	CEMENT MATERIALS	Super Flush		25.00	300.00
767.97	THE STATE OF STREET	Cubic Feet Charge		2.48	1,904.57
	CEMENT SERVICE	Ton Mileage Charge		2.75	4,015.69
1.00		Production Bottom Stage		2,765.75	2,765.75
1.00	322.00	Production Top Stage		2,406.25	2,406.25
45.00	CEMENT SERVICE	Pump Truck Mileage		7.70	346.50
1.00	CEMENT SERVICE	Rotating Head Manifold Rental		475.00	475.00
45.00		Light Vehicle Mileage		4.40	198.00
1.00		5-1/2 AFU Float Shoe		545.00	545.00
1.00	100	5-1/2 Latch Down Flex Assembly	Λ .	660.00	660.00
1.00	5 2 2021	5-1/2 D V Tool	1 /	5,335.00	5,335.00
2.00		5-1/2 Basket	111.	395.00	790.00
14.00	CONTROL OF THE PROPERTY OF THE	5-1/2 Centralizer	VII and	57.00	798.00
1.00		Paul Beaver	# 11/19	1	
		Subtotal	7.1.1210	6	Continue

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

9,113.61

ONLY IF PAID ON OR BEFORE Sep 23, 2014

Subtotal	7 / 121/10	Continued
Sales Tax	104. 124.	Continued
Total Invoice Amount	011	Continued
Payment/Credit Applied		
TOTAL		Continued



PO Box 93999 Southlake, TX 76092

Voice: Fax: (817) 546-7282 (817) 246-3361

Bill To:

Landmark Resources, Inc.

1616 S. Voss Suite 600

Houston, TX 77057-1264

## INVOICE

Invoice Number: 145359

Invoice Date: Aug 24, 2014

Page: 2

Customer ID	Field Ticket#	Payment	Terms
Land	64138	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 24, 2014	9/23/14

Quantity	Item		Description		Unit Price	Amount
1.00	OPERATOR ASSISTANT	Brandon Wilkinson	The same			
	OPERATOR ASSISTANT	Wayne Messalle				
1.00	OPERATOR ASSISTANT	George Grant				
				U • *		
				0 - *		36,454.46

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 9,113.61

ONLY IF PAID ON OR BEFORE Sep 23, 2014

		, and a second s	
Subtotal	6	· ·	36,454.46
Sales Tax		9,113.61-	1,983.93
Total Invoice Amount		38,438.39+	38,438.39
Payment/Credit Appli	000		
TOTAL		29,324.78*+	38,438.39

# ALLIED OIL & GAS SERVICES, LLC 064138 Federal Tax I.D. # 20-8651475

SOUTHLAKE, TEXAS 76092		SERV	ICE POINT:	
			noble	1 KS
DATE 8-34-14 SEC. 3 TWP. 17 RANGE 34	CALLED OUT	ON LOCATIONS	IJOB START	JOB FINISH
OLD OR NEW (Circle one)	2001001		COUNTY	STATE
OLD OR NEW (Circle one) Stuint	10 Febre 1 240	1,10,	Scott	LK2
	0		J	
CONTRACTOR MUCTIN 4 TYPE OF JOB Production (25400)	OWNER S	alne		
TYPE OF JOB Production (2 stage), HOLE SIZE 77/4 T.D. 4890	CEMENT	500 gal 5	nor Bloc	<i>l</i> .
CASING SIZE 51/2 (1552) DEPTH 4868'		DERED 150		
TUBING SIZE DEPTH	Stellsonite	2:11 gel .30	OF HOU	101,501
DRILL PIPE DEPTH	520 sks cles	SALK 65	135 6%	11 10 H
TOOL DY TOOL DEPTH 2411 PRES. MAX MINIMUM			F	-lo-seal
MEAS. LINE SHOE JOINT 42.15	COMMON		@	
CEMENT LEFT IN CSG. 42.15	POZMIX		.@	<del></del>
PERFS.	GEL CHLORIDE		@	
DISPLACEMENT Bottom-60 bbl water 54.86bbl mud	ASC	150 de	@	3525.00
Tep-57.38661 water EQUIPMENT	Gilsonide	750 #	@ .98	735.00
	Class A Lite	520 sts	@ 19.88	10337.60
PUMPTRUCK CEMENTER POUL Beaver	Flo-seal	136 \$	@ 2.97	386.10
# 431 HELPER Brandon Wilkinson	EF-160	23 4	@ 18.90	850.50
BULKTRUCK	P. Defrance Super-Auch	23 *	@ <u>3.50</u> @ <i>35.6</i> 0	80.50
#566595 DRIVER WAYNE MESSALLE	Marino	7010	@	300,00
#891/310 DRIVER George Grant	19655		<u></u>	15,0000
- 11/ SIC DRIVER (George Glant	HANDLING	47.97 ft3	@2.48	1904.57
The second secon	MILEAGE 33.	45 hors v 45 mi	x 2.7.5	4015.69
Bothomstage - REMARKS:			TOTAL	
Run Ape / Flood equip Brook are Drop ball,				
purp ball throw 1 (3400 Circ, mrx. 5000)	4	SERVIC	Œ	
Superflush my 150 sks AX. Displace lunder mud, pluy did lond, Float did hold, open tool,	DEPTH OF ION	Bolloin 4890	/	auut
ein his Topston. Mix 30 sking. H. min Kicks	PUMPTRUCK		165.75	2411
in M.H. Mix sks Lite, Displace willinger	EXTRA FOOTA		e	4,104123
plug did land tool did close, coment olid	MILEAGE ml	HU 45	@ 7.70	346,50
_ escarlate, 150 sks to pit their fact	MANIFOLD R		@	475,00
Paul L (row)	MILV	45	@ <u>4.40</u>	198.00
	70			San Differential and work.
CHARGE TO: Land may & Resources	(.30	127.94/25	8/	10 111 11
STREET	C	v. r. r. r.	TOTAL	12,111.76
CITYSTATEZIP				
VIII UIII UIII UIII UIII UIII UIII UIII	P	LUG & FLOAT	EQUIPMEN'	T .
	world	exford s	572	
	ACU FLOAT		.@	545.00
	Later down	- Cler Assy	.@	660.00
To: Allied Oil & Gas Services, LLC.	Bockels	-	@	<u> </u>
You are hereby requested to rent cementing equipment	Centralizer	山高	@ 57.00	79800
and furnish cementer and helper(s) to assist owner or	Treather	1	/ 1	1,000
contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or		2032001	OSTOTAL.	008618
contractor. I have read and understand the "GENERAL			***************************************	Confidence of
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If	Any)	The second se	100 mg/mg/2
and on the territor olde.	TOTAL CHAP	ges <u>34,45</u>	4.46	
PRINTED NAMES as a 15 aller		113.61/23		O IN 30 DAYS
FAINTED NAME DES - LIGHT	DISCOUNT			O DAYS
	BU	27,340.8	gy Net.	
SIGNATURE	/L_b			
÷ 4				

**DRILL-STEM TEST TICKET** 

FILE: decker3dst1

TIME ON: 8:53 AM TIME OFF:\_8:24 PM

Company Landmark Resources, Inc	Lease & Well No. Decker #3-3
Contractor Murfin #4	Charge to Landmark Resources, Inc
	n Effective PayFt. Ticket NoK157
	ange34 W CountyScott_State_KANSAS
Test Approved By Wes Hansen	Diamond Representative Jason McLemore
Formation Test No. 1 Interval Tested from 44	168 ft. to 4480 ft. Total Depth 4480 ft.
Packer Depth 4463 ft. Size6 3/4 in.	Packer depthft. Size6_3/4in.
Packer Depth 4468 ft. Size 6 3/4 in.	Packer depth ft. Size 6 3/4 in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4449 ft.	Recorder Number
Bottom Recorder Depth (Outside) 4450 ft.	Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth ft.	Recorder Number Cap. P.S.I.
Mud Type Chemical Viscosity 62	Drill Collar Length 551 ft. I.D. 2 1/4 in.
Weight 9.5 Water Loss 10.4 cc.	Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 8000 P.P.M.	Drill Pipe Length 3885 ft. I.D 3 1/2ini
Jars: Make STERLING Serial Number 6	Test Tool Lengthini
Did Well Flow? No Reversed Out	Anchor Length 12 ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Sizein. Bottom Choke Sizein
Blow: 1st Open: Good Blow, BOB in 8-1/2 Min., Blowb	ack Built to 2-3/4"
<sup>2nd Open:</sup> Good Blow, BOB in 8 Min.,	
Recovered 840 ft. of Free Oil	
Recovered 30 ft. of GOCM 20% Gas, 25% Oil, 55% Mud	
Recovered 870 ft. of TOTAL FLUID	
Recoveredft. of	
Recoveredft. of	- MACCOPIC
Recoveredft. of 390 Gas In Pipe	Other Charges
Remarks:	Insurance
A. A. 4.	Total
Time Set Packer(s) 1:25 PM P.M. Time Started Off Bo	ttom4:55 PMP.M.
Initial Hydrostatic Pressure	(A) 2122 P.S.I.
Initial Flow Period	(B) 32 P.S.I. to (C) 231 P.S.I.
Initial Closed In Period	(D)1223 <sub>P.S.I.</sub>
Final Flow Period	(E) 239 P.S.I. to (F) 359 P.S.I.
Final Closed In Period	(G) 1207 P.S.I.
Final Hydrostatic Pressure.	(H) 2126 <sub>P.S.I.</sub>

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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



CELL # 620-617-0527

#### **General Information**

Company Name Landmark Resources, Inc.

Contact Bob Glenn Job Number K157 **Well Name** Decker #3-3 Representative Jason McLemore Unique Well ID DST #1 Marmaton 4468-4480 Well Operator Landmark Resources, Inc. 2-17s-34w-Scott Prepared By Surface Location Jason McLemore Wildcat Qualified By Field Wes Hansen **Deviated Test Unit** Well Type

#### **Test Information**

Representative Test Type Drill Stem Test Well Operator Formation Marmaton Report Date 2014/08/19
Well Fluid Type 01 Oil Prepared By Test Purpose (AEUB)

Representative Use Stem Test Well Operator Landmark Resources, Inc 2014/08/19
Prepared By Jason McLemore Initial Test

 Start Test Date
 2014/08/19 Start Test Time
 08:53:00

 Final Test Date
 2014/08/19 Final Test Time
 20:24:00

#### **Test Results**

#### RECOVERED:

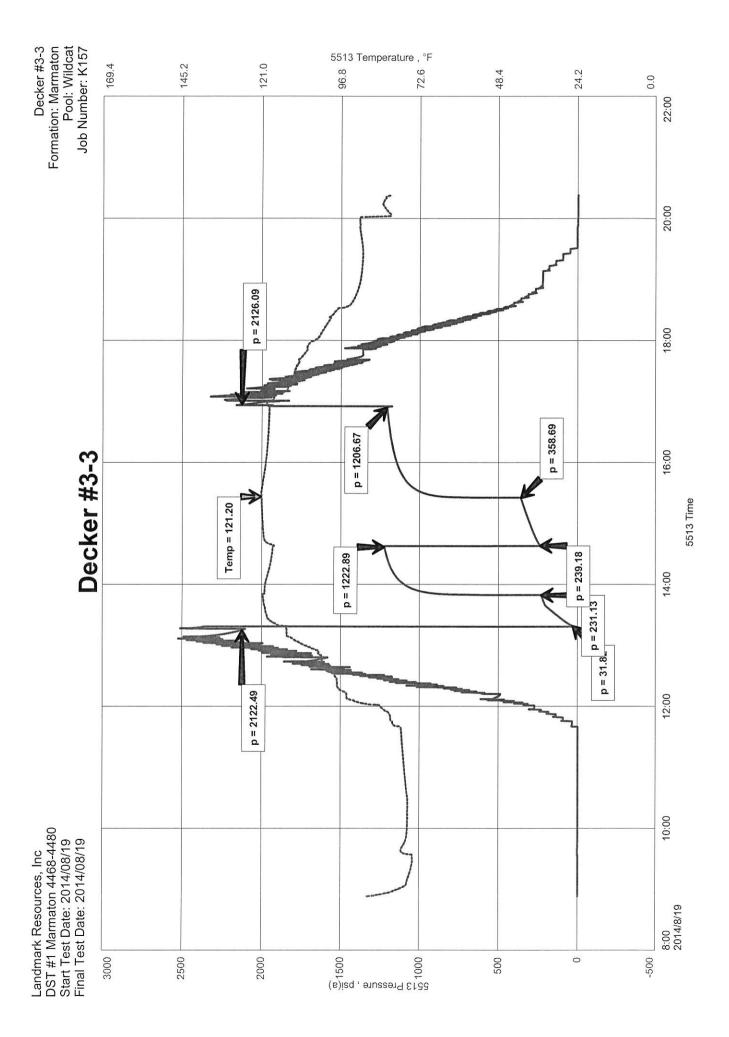
840 Free Oil

30 GOCM, 20% Gas, 25% Oil, 55% Mud

870 TOTAL FLUID

390 Gas In Pipe

Fast





DRILL-STEM TEST TICKET

FILE: decker3dst2

TIME ON: 6:54 AM

TIME OFF: 4:32 PM

Company Landmark Resources, Inc	Lease & Well No. Decker #3-3
Contractor Murfin #4	
	nt Effective PayFt. Ticket NoK158
	ange 34 W County Scott State KANSAS
Test Approved By Wes Hansen	Diamond Representative Jason McLemore
	180 ft. to4510 ft. Total Depth4510 ft.
Packer Depth 4475 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4in.
Packer Depth 4480 ft. Size 6 3/4 in.	Packer depthft. Size6 3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4461 ft.	Recorder Number         5513 Cap.         5000 P.S.I.
Bottom Recorder Depth (Outside)ft.	Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depthft.	Recorder NumberCapP.S.I.
Mud Type Chemical Viscosity 48	Drill Collar Length         551 ft.         I.D.         2 1/4         in.
Weight 9.2 Water Loss 8.0 cc.	Weight Pipe Length 0 ft. I.D. 2 7/8 in
Chlorides 6000 P.P.M.	Drill Pipe Length 3897 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number 6	Test Tool Length 32 ft. Tool Size 3 1/2-IF in
Did Well Flow? No Reversed Out No	Anchor Length 30 ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	Surface Choke Size 1 in. Bottom Choke Size 5/8 in:
Blow: 1st Open: Good Blow, Built to 9-1/2", Surface Bl	owback Building to 1/2"
<sup>2nd Open:</sup> Good Blow, BOB in 41 Min., Surface Blo	wback Building to 1"
Recovered 270 ft. of Free Oil	
Recovered 90 ft. of GOCM 20% Gas, 20% Oil, 60% Mud	
Recovered 360 ft. of TOTAL FLUID	
Recovered ft. of	
Recovered ft. of	
Recovered ft. of Gravity 27	Other Charges
Remarks:	Insurance
	Total
Time Set Packer(s) 9:28 AM P.M. Time Started Off Bo	ttom1:28 PMP.MMaximum Temperature115
Initial Hydrostatic Pressure	(A) 2159 P.S.I.
Initial Flow Period	(B) 11 P.S.I. to (C) 95 P.S.I.
Initial Closed In Period	(D)1258 P.S.I.
Final Flow Period	(E) 92 P.S.I. to (F) 177 P.S.I.
Final Closed In PeriodMinutes120	(G) 1255 P.S.I.
Final Hydrostatic Pressure	(H) 2118 <sub>P.S.I.</sub>

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.



CELL # 620-617-0527

#### **General Information**

Company Name Landmark Resources, Inc

Contact K158 Job Number Well Name Decker #3-3 Representative Jason McLemore DST #2 Altamont 4480-4510 Well Operator Landmark Resources, Inc Unique Well ID Surface Location 3-17s-34w-Scott Prepared By Jason McLemore Wildcat Qualified By Field Wes Hansen Well Type Vertical Test Unit

#### **Test Information**

Representative Jason McLemore
Test Type Drill Stem Test Well Operator Landmark Resources, Inc
Formation Altamont Report Date 2014/08/20
Well Fluid Type 01 Oil Prepared By Jason McLemore
Test Purpose (AEUB) Initial Test

 Start Test Date
 2014/08/20 Start Test Time
 06:54:00

 Final Test Date
 2014/08/20 Final Test Time
 16:32:00

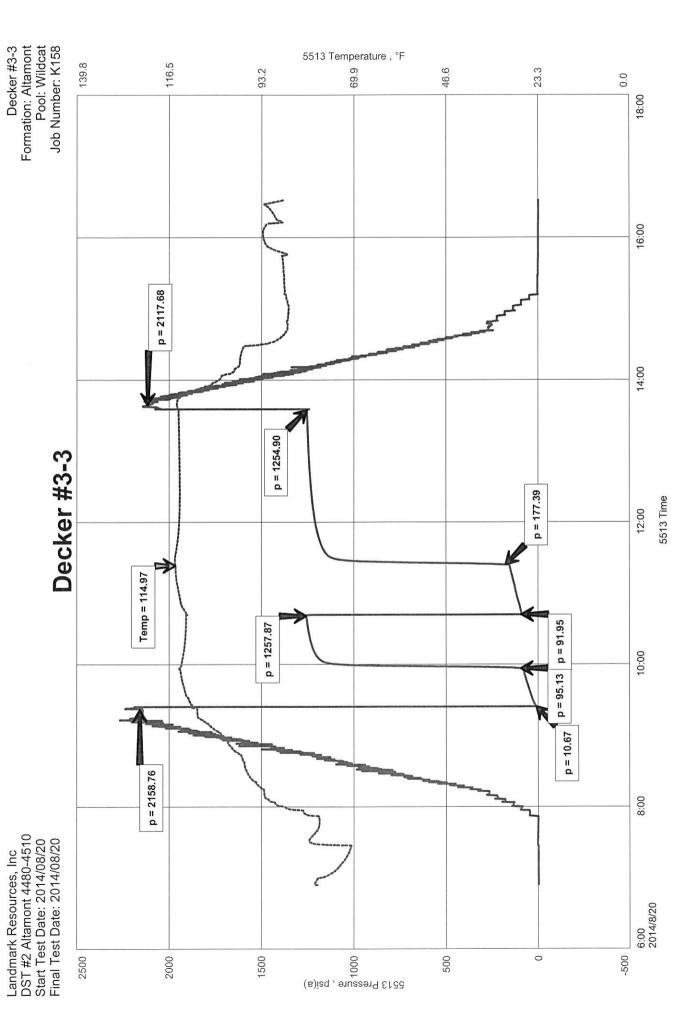
#### **Test Results**

#### RECOVERED:

270 Free O

90 GOCM, 20% Gas, 20% Oil, 60% Mud

Tast





DRILL-STEM TEST TICKET

TIME ON: 11:53 AM

TIME OFF: 6:25 PM

FILE: decker3dst3

Company Landmark Resources, Inc	Lease & Well No. Deck	ker #3-3	
Contractor Murfin #4	Charge to Landmark R	Resources, Inc	
STANCH CONTROL	Ft Scott Effective Pay		Ticket No. K159
Date 8-21-14 Sec. 3 Twp. 17			
Test Approved By Wes Hansen			McLemore
Formation Test No. 3 Interval Tested from	4570 ft. to	4630 ft. Total Depth	4630 ft.
Packer Depth 4565 ft. Size 6 3/4 in.	Packer depth	ft. S	ize <u>6 3/4</u> in.
Packer Depth 4570 ft. Size 6 3/4 in.		ft. S	ize <u>6 3/4</u> in.
Depth of Selective Zone Set			
Top Recorder Depth (Inside) 4551	ft. Recorder Number	5513 Cap.	5000 P.S.I.
Bottom Recorder Depth (Outside) 4552	ft. Recorder Number	5588_Cap.	6000 P.S.I.
Below Straddle Recorder Depth	ft. Recorder Number		P.S.I.
Mud Type Chemical Viscosity 50	Drill Collar Length	551 <sub>ft.</sub> 1.0	). <u>2 1/4</u> in.
Weight 9.1 Water Loss 8.8	cc. Weight Pipe Length	0_ft. I.	D. <u>2 7/8</u> in
Chlorides 4000 P.P.A	M. Drill Pipe Length	0007	D. 3 1/2 in
Jars: Make STERLING Serial Number 6	Test Tool Length	32 ft. T	ool Size 3 1/2-IF in
Did Well Flow? No Reversed Out No	Anchor Length_	60 <sub>ft.</sub> s	ize <u>4 1/2-FH</u> in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH	32' DP in Anchor in. Surface Choke Size	1in, B	ottom Choke Size_5/8_in
Blow: 1st Open: Weak Surface Blow, Died in 5 Mir	n., No Blowback		
2nd Open: Dead			
Recovered 12 ft, of Drilling Mud			
Recovered 12 ft. of TOTAL FLUID			
Recovered ft. of			
Recoveredft. of			
Recovered ft. of		Price J	ob
Recoveredft. of		Other (	Charges
Remarks:		Insurar	nce
		Total	
Time Set Packer(s) 2:20 PM A.M. P.M. Time Started	Off Bottom 4:20 PM	A.M.	amparatura 114
	Off Bottom 4.20 F IVI	_P.M. Maximum T	emperature
Initial Hydrostatic Pressure	(A) 2	157 p.s.i.	emperature
Initial Hydrostatic Pressure	(A) 2 30 (B)	MC NOCHOOL	emperature
*	(A) 2 30 (B) 30 (D)	1157 P.S.I. 11 P.S.I. to (C) 758 P.S.I.	15 p.s.i.
Initial Flow PeriodMinutes	30 (B) 30 (CD) 30 (E)	157 P.S.I. 11 P.S.I. to (C) 758 P.S.I. 23 P.S.I. to (F)	15 p.s.i.
Initial Flow Period	(A) 2 30 (B) 30 (D) 30 (E) 30 (G)	1157 P.S.I. 11 P.S.I. to (C) 758 P.S.I.	15 p.s.i.

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CELL # 620-617-0527

#### **General Information**

Well Type

Company Name Landmark Resources, Inc

Contact Job Number K159
Well Name Decker #3-3 Representative Jason McLemore
Unique Well ID DST #3 Myric-Ft Scott 4570-4630 Well Operator Surface Location 3-17w-34s-Scott Prepared By Field Wildcat Qualified By Wes Hansen

Vertical Test Unit

**Test Information** 

Representative Test Type Drill Stem Test Well Operator Formation Myric Station-Ft Scott Report Date 01 Oil Prepared By Jason McLemore 2014/08/21 Union Test Type Drill Stem Test Well Operator Landmark Resources, Inc 2014/08/21 Union Test Type O1 Oil Prepared By Jason McLemore

Test Purpose (AEUB) Initial Test

 Start Test Date
 2014/08/21 Start Test Time
 11:53:00

 Final Test Date
 2014/08/21 Final Test Time
 18:25:00

#### **Test Results**

#### RECOVERED:

12 Drilling Mud 12 TOTAL FLUID

Decker #3-3 Formation: Myric Station-Ft Scott Pool: Wildcat Job Number: K159 5513 Temperature, °F 125 150 100 25 75 20 0 19:00 18:00 p = 2153.1217:00 16:00 p = 179.29Temp = 113.78 p = 15.46 | p = 22.75 | p = 28.09 Decker #3-3 p = 758.075513 Time 15:00 14:00 p = 10.61p = 2156.9613:00 Landmark Resources, Inc DST #3 Myric-Ft Scott 4570-4630 Start Test Date: 2014/08/21 Final Test Date: 2014/08/21 12:00 11:00 2014/8/21 (s)isq , paseard £133 2500 2000 1500 500 -500 0



DRILL-STEM TEST TICKET

FILE: decker3dst4

TIME ON: 9:45 AM
TIME OFF: 7:41 PM

Company_Landmark Resources, Inc	Lease & Well No. Decker #3-3
Contractor Murfin #4	Charge to Landmark Resources, Inc
Elevation3130 KBFormationJohns	on Effective PayFt. Ticket NoK160
	Range 34 W County Scott State KANSAS
Test Approved By Wes Hansen	Diamond Representative Jason McLemore
Formation Test No. 4 Interval Tested from 4	628 ft. to 4740 ft. Total Depth 4740 ft.
Packer Depth4623 ft. Size 6 3/4 in.	Packer depthft. Size 6 3/4 in.
Packer Depth 4628 ft. Size 6 3/4 in.	Packer depthft. Size6_3/4in.
Depth of Selective Zone Set	
Top Recorder Depth (Inside) 4609 ft.	Recorder Number_ 5513 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 4610 ft.	Recorder Number 5588 Cap. 6000 P.S.I.
Below Straddle Recorder Depth ft.	Recorder Number Cap. P.S.I.
Mud Type Chemical Viscosity 53	Drill Collar Length 551 ft. I.D. 2 1/4 in.
Weight         9.2         Water Loss         8.8         c	. Weight Pipe Length0ft. I.D2 7/8in
Chlorides 5000 P.P.M.	Drill Pipe Length 4045 ft. I.D. 3 1/2 in
Jars: Make STERLING Serial Number 6	Test Tool Length 32 ft. Tool Size 3 1/2-IF in
Did Well Flow? No Reversed Out No	Anchor Length 112 ft. Size 4 1/2-FH in
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in.	93' DP in Anchor Surface Choke Size 1 in. Bottom Choke Size 5/8 in
Blow: 1st Open:Weak Blow, Built to 2-1/2", No Blowb	ack
<sup>2nd Open:</sup> Weak Blow, Built to 3/4", No Blowback	
Recovered10 ft. of Free Oil	
Recovered110 ft. of SOCM, 3% Oil, 97% Mud	
Recovered 120 ft. of TOTAL FLUID	
Recoveredft. of	
Recoveredft. of	Price Job
Recoveredft. of GRAVITY: 27	Other Charges
Remarks:	Insurance
40.54 DM A.M.	Total A.M.
Time Set Packer(s) 12:54 PM P.M. Time Started Off E	
Initial Hydrostatic Pressure	
Initial Flow Period	(B) 17 P.S.I. to (C) 43 P.S.I.
Initial Closed In Period	(D) 1056 P.S.I.
Final Flow Period	(E) 50 P.S.I. to (F) 70 P.S.I.
Final Closed In Period	(G)1071 P.S.I.
Final Hydrostatic Pressure	(H) 2213 <sub>P.S.L</sub>

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CELL # 620-617-0527

#### **General Information**

Company Name Landmark Resources, Inc

Contact Job Number Decker #3-3 Representative Well Name

Unique Well ID Surface Location 3-17s-34w-Scott Prepared By

Wildcat Qualified By Field Well Type Vertical Test Unit

K160

Jason McLemore DST #4 4628-4740 Well Operator Landmark Resources, Inc

Jason McLemore Wes Hansen

6

#### **Test Information**

Representative

Drill Stem Test Well Operator Landmark Resources, Inc Johnson Report Date

01 Oil Prepared By

Jason McLemore

2014/08/22

Jason McLemore

**Initial Test** 

Start Test Date **Final Test Date** 

Well Fluid Type

Test Purpose (AEUB)

Test Type

Formation

2014/08/22 Start Test Time 2014/08/22 Final Test Time 09:45:00 19:41:00

#### **Test Results**

#### RECOVERED:

10 Free Oil

SOCM, 3% Oil, 97% Mud 110

120 **TOTAL FLUID** 

Past

