

### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 October 2008 Form Must Be Typed

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33813	API No. 15 - 065,23543-00-00
Name: JASON OIL COMPANY LLC	Spot Description: C N/2 SW/4
Address 1: _P.O. BOX 701	CN/2 _sw/4 Sec. 5 _ Twp. 8 _ S. R. 24 _ ☐ East ✓ West
Address 2:	
City: RUSSELL State: KS Zip: 67665 +	1340' Feet from East / West Line of Section
Contact Person: JAMES SCHOENBERGER	Footages Calculated from Nearest Outside Section Corner:
Phone: (785 ) 483-4204 RECEIVED	□ NE □ NW □ SE ☑ SW
CONTRACTOR: License # 31548 KANSAS CORPORATION COMMIS	SIÓN County: RUSSELL
DIOCOVEDY DDILLING	Lease Name: TEEL Well #: 1
Wellsite Geologist: FRANCIS WHISTLER	Field Name: WILDCAT
Purchaser: COFFEYVILLE . CONSERVATION DIVIS	ION Producing Formation: LKC
Designate Type of Completion:	Elevation: Ground: 2358' Kelly Bushing: 2366'
✓ New Well Re-Entry Workover	Total Depth: 3890 Plug Back Total Depth: 260'
- OII SWD SIOW	Amount of Surface Pipe Set and Cemented at: 260' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?  Yes No
CM (Coal Bed Methane) Temp. Abd Dry Other	If yes, show depth set: 2074 Feet
· · (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 2074
If Workover/Re-entry: Old Well Info as follows:	feet depth to: SFC w/ 275 QMDC sx cmt.
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 5600 ppm Fluid volume: 400 bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used: LET DRY AND BACKFILL PITS
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	
Dual Completion	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
05-22-09 05-31-09 06-96-09	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workover or of side two of this form will be held confidential for a period of 12 months if re tiality in excess of 12 months). One copy of all wireline logs and geologist w BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature: Janua I Advanleyer	KCC Office Use ONLY
Fitle: / PRESIDENT Date: / ANNIES MO	91111
19h 31 2000	Letter of Confidentiality Received
Subscribed and sworn to before me this day of SUBJECT	If Denied. Yes Date:
PUBLIC My Appt. E	
Notary Public: Daywat	Good Signal Report Reserved
Date Commission Expires: 9-19-2013	UIC Distribution
OF K	A Court

Operator Name: JASO	N OIL COMPA	NY LLC	Lease	Name: _	TEEL		Well #:	tainnin me	
Sec Twp8			County	County: RUSSELL					
ime tool open and close	ed, flowing and sh if gas to surface t	nd base of formations pe ut-in pressures, whether est, along with final char report.	shut-in pres	sure rea	ched static leve	el, hydrostatic į	oressures, bottom	hole temp	erature, flu
Orill Stem Tests Taken		✓ Yes		<b></b> ✓L	og Format	ion (Top), Dep	th and Datum	<b>7</b>	Sample
(Attach Additional Sh Samples Sent to Geolog		✓ Yes		Nam ANH	ne YDRITE		Top 2044		Datum 322
Cores Taken	en.	☐ Yes 📝 No		TOP	EKA		3396	-	1030
Electric Log Run		✓ Yes No		HEE	BNER		3600	-	1234
(Submit Copy)				TOR	ONTO LIME		3622		1256
List All E. Logs Run:	% 	and the second	÷;*	<u>r</u> kc	~	,	3634		1268
				тот	ALDEPTH	*	3692	<u>.</u>	1526
	***************************************	CASINO	RECORD	□ Ne	ew <b>✓</b> Used				
	T	Report all strings set			· · ·			T =	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cemen			and Percent dditives
SURFACE	12 1/4"	8 5/8"	20		260	СОМ	165	3%CC	2%GEL
PRODUCTION	7 7/8"	5 1/2"	15.5		3886	СОМ	200	PRO-0	
PORT COLLAR			-		2074	QMDC	275		
	n <sub>1</sub>	ADDITIONA	L CEMENTII	NG / SQL	JEEZE RECORI	)			
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	Used		. Туре а	and Percent Additives	•	
	DEDEODAT	ON RECORD - Bridge Plu	as Sat/Tune		Acid Fe	acture Shot Co			
Shots Per Foot	Specify	Footage of Each Interval Pe	rforated				ment Squeeze Recor of Material Used)	u	Depth
	· · ·	and the same of the same of the same					<del></del>		
							Kansas	RECE	IVED TION COMM
		71101					UII O O O O O O O O O O O O O O O O O O	OCT 1	<b>9</b> 2009
TUBING RECORD:	Size:	Set At: 3862'	Packer At	 t:	Liner Run:	∏Yes ✓	<b>C</b> C	NSERV WIC	ITION DIV HITA, KS
Date of First, Resumed Pro		<del></del>	hod:	Flowing	g 🗸 Pump			er <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil 50	Bbls. Gas	Mcf	Wate	er E	Bbls.	Gas-Oil Ratio		Gravity 38
DISPOSITION	OF GAS:		METHOD OF	COMPLE	TION:		PRODUÇTIO	ON INTERV	/AL:
✓ Vented Sold	Used on Lease	✓ Open Hole	Perf.			mmingled			
(If vented, Submi		Other (Specify)				9.00			

## QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041	Home Office P.O. B	ox 32 Russell, KS 6/000 No.	3237
Date 5-22-09 5		County State On Location	Finish 5:30
Lease, TEEL V	Vell No. / Locati	ion Hall CITY KS 10W to 170	Pd
Contractor DISCOUER	r pala +1	Owner 1/2 N FARMYARD E to Gate	s Szmo
Type Job 878 SURFACE		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipmen	
Hole Size 1214	T.D. 261	cementer and helper to assist owner or contractor to de	o work as listed.
Csg. 978	Depth Z60	Charge Tason O.L Co.	
Tbg. Size	Depth	Street	
Drill Pipe	Depth	City State	
Tool	Depth	The above was done to satisfaction and supervision of owner	agent or contractor.
Cement Left in Csg.	Shoe Joint 151	CEMENT	1
Press Max.	Minimum	Amount Ordered 165 5x	
Meas Line	Displace	Common 165 - 1099	165000
Perf.	<u>.</u>	Poz. Mix	
EQUIPN	MENT	Gel. 3 2/120	51.00
Pumptrk 5 No. Cementer Helper	)B	Calcium 6 2 42-00	252-00
Bulktrk 19 No. Driver 10	2	Mills	
Bulktrk PV No. Driver Tor	20	Salt	
JOB SERVICES	& REMARKS	Flowseal	
Pumptrk Charge SUSPACE	450		
Mileage 25 96	150.00		
Footage			
	Total 600.00	Handling 174 2/75	30436
Remarks:		Mileage OB PER & Res MILE	40000
Run 6 343 85/1 Z	o *csq	Pump Truck Charge	600,00
A francisco		FLOAT EQUIPMENT	
MIX = Pump 165 5x 1	Common	Gulde Shoe	
240 Get 390 CC 15	GAL 1.36H3	Centralizer	
ar - 900		Baskets	:
DISO No.0 Bbk tota		AFU Inserts	
		OCT 2.9 2009	
Close Value on CSQ		VOC WICHITA	
Good CARE Thru ITOS		KCC MIOI	
CHECKING TO PET			
	NO	Rotating Head	
Thouks	head on	Squeez Mainfold	
T000	, Charles	Tax	86.69 (652.00)
TOE TOE		20% Discount	(652,00)
Signature /////		Total Charge	1951.88

# QUALITY OILWELL CEMENTING, INC.

one 785-483-2025	Home Office P.O	No. Box 32 Russell, KS 67665 No.	3167
cell 785-324-1041	<u>, , , , , , , , , , , , , , , , , , , </u>	County State On Location	Finish
Sec:	Twp. Range	County	11:157
ate 5-31-19	0 77	Makay to POI	70
ease /re M	Vell No. Lo	ocation fill (ty 100 10 Ret	Gate Sinh
Contractor Discover De	illing Kir 1	To ally Others Comparing Inc	
ype Job Constring	" 3 3	You are hereby requested to rent cementing equipment cementer and helper to assist owner or contractor to come the contractor to come the contractor to come the contractor to come the contractor to contractor.	nt and furnish do work as listed.
lole Size 7	T.D. 3890	Charge	
csg. 5 <sup>2</sup> 15,50/b	Depth 38%	10 750n (H	
bg. Size	Depth	Street	
Prill Pipe	Depth	City State	or agent or contractor
ool Port Collar #41	Depth 2074	The above was done to satisfaction and supervision of own	er agent or contractor.
Cement Left in Csg. 22.ldo	Shoe Joint 22.66	Amount Ordered 2010 Too- Se Orlson	-
Press Max.	Minimum	Common 200 @ 11.00	2200.OL
Meas Line	Displace 92865		
Perf.		Poz. Mix	
EQUIPI	MENT	Gel.	
	eve	Calcium	
Bulktrk 8 No. Driver Driver	e i	Mills Of (2) 12 (1)	712 60
No. Driver	. I an	Salt 25 @ 12-50	312-50
JOB SERVICES	& REMARKS	Flowsed KOL-SEAL 940 TO (1). 75	705,00
Pumptrk Charge Procl S	tring 12503	500 from Mud Chan-48	4000
Mileage 250,6	150,0	00	
ootage	Total /400, 00	D Handling 225 @ 175	393,75
	TOTALLY ASSOCIATION	Mileage	450,00
Remarks:		Pump Truck Charge	1400,00
30 sx lot How			V-18 /4.
15x Marse Holy		FLOAT EQUIPMENT	
	2 06' RECEIVED	Guide Shoe	345.01
Land she @ 1200	2 psi RECEIT	Centralizer 5 Junes / Rogular	175.01
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Float Hold		AFU Inserts	11000
	KCC ANIO	1 Yort Collar	700 01
		1 Latch Down Assumbly	390,00
200	1/	1 AFU Guide Shoe	215,00
1200		Rotating Head (2)	125,00
And W		Squeez Mainfold	
<del>                                      </del>	4 1/N		ax 281,58
1/	1	Zo% Discon	unt /1243,00
· · ·		Total Char	ge 7249,8
X Signature	to share the second		-   2 - 2 / 2 - 2 -

## QUALITY OILWELL CEMENTING, INC.

ne /85-483-2025 /85-324-1041	Н	ome Office F	P.O. Bo	x 32 Ru	ssell, KS	67665		3171	
Sec.	Twp.	Range		ounty	Si	ate	On Location	Finish	On
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Contractor Scool Ollegel	1 Seri	litu		Owner		•			
ype Job Part Call				To Quality (	Dilwell Cem	nenting, Inc.	cementing equipment	t and furnish	
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bg. Size $\mathcal{Q}_{\overline{z}}^{\overline{z}}$	Depth	,		Street	<b>-</b>			**	
Orill Pipe	Depth			City			State		
ool Port Collar	Depth	2074			as done to	satisfaction ar	nd supervision of owner	agent or contra	actor.
Cement Left in Csg.	Shoe Jo	oint .				CEMENT		116	· 1
ress Max.	Minimur		;	Amount Ord		Sami	scly flowses	275	
leas Line	Displace	,		Common	275	O /?	20	3575.	00
Perf.	,			Poz. Mix					
EQUIPN	IENT			Gel.	:				
O No Cementer	ew.			Calcium					
Bulktrk 4 No. Driver Co.	1	· · ·		Mills			4		· ;
No. Driver Driver	aul.			Salt					
JOB SERVICES	& REMAI	RKS		Flowseal 4	93 0	200		186.0	0
Pumptrk Charge Dout co	llar	7500	9	<del>. :</del>					
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ignature							Total Charge	4821.2	5

FRANCIS C. WHISLER CPG 1933 837 East First Street Russell, Kansas

35 40 90

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#### GEOLOGICAL REPORT

JASON OIL COMPANY, LLC. Lic. No. 33813 3718 83rd. St. PO Box 701 Russell, Kansas

TEEL No. 1
2030' From South Line &
1340' From West Line
Sec. 5, Twp. 8 So. Rge. 24 West
Graham County, Kansas

June 1, 2009

GEOLOGICAL REPORT for

JASON OIL COMPANY, LLC. P. O. Box 701 Russell. Kansas

GEOLOGICAL REPORT:

CONTRACTOR:

Drilling Commenced:

Drilling Completed:

Casing Record:

Samples:

Drilling Time:

Drillstem Tests:

Electric Logs:

Elevations:

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TEEL No. 1 1320' FSL & 1340' FWL Sec. 5, T 8 S, R 24 W Graham County, Kansas

Discovery Drilling, Inc. Hays, Kansas

Lic. No. 31548

May 22, 2009

May 31, 2009

8 5/8" surface casing set at 260' and cemented with 165 sx. 5 1/2" production casing set at 3887' and cemented with 200 sx.

Saved and examined from 3400' to 3890', RTD. Zones of interest are described in this report. The samples will be sent to the Kansas Sample Bureau at 4150 Monroe St. Wichita, Kansas.

Recorded and plotted from 3400' to 3890', RTD. A copy of the drilling time/lithology log is included in this report.

Two by Trilobite Testing, Inc. of Hays, Kansas.

By Superior Well Services of Hays, Ks. Radiation-Guard, Micro, Sonic, Dual Induction and Compensated Density Neutron.

Kelly Bushing: 2366'
Ground Level: 2358
Measurements From: K. B.

### OCT 2 9 2009

## KCC WICHITA

FORMATIONS:	W. C.	ROTARY DEPTHS:	E. LOG DEPTHS:	DATUMS:
Anydrite Topeka Lime Heebner Shale Toronto Lime Lansing-Kansas City Base of Kansas City Total Depth		2044 No pick 3600 3624 3634 3844 3890	2044 3396 3600 3 <b>5</b> 22 3634 3844 3892	+ 322 -1030 -1234 -1256 -1268 -1478 -1526

Lithology; Zones of Interest (corrected to log depths)

Topeka Lime: Numerous zones of soft and porous limestone but no shows of oil noted:

#### Toronto Lime:

3622-3631: LS-White, light gray, dense to chalky with no show of oil

noted.

#### Lansing-Kansas City:

3634-3644: LS-white, dense to partly oolific with no show of oil

A zone noted.

3670-3678: LS-white, dense to partly oolitic and vuggy with some fair porosity. Some white chert. Minor oil stain with no free oil or odor. Possibly, commercial. Not tested.

3684-3698: LS-white, some light gray and very dense with minor oil

C Zone stain. No free oil or odor. No value.

3700-3706: LS-Not identified as separate unit. Samples circulated at 3715 for F zone. Log shows porosity 3702-04. Micro shows no permeability. Ooen on drillstem test No. 1.

3710-3716: LS-white, dense to fair fossil and vuggy porosity, Fair oil stain, very slight show of free oil and faint odor. Tested by Drillstem Test No. 1,

#### DRILLSTEM TEST No. 1: 3691 to 3715:

Tool Open: 30 min. w/strong blow off bottom of

bucket in 7 min.

Tool Shut In: 60 min. 3" blow back

Tool Open: 30 min. w/strong blow off BOB in

9 min.

Tool Shut In: 60 min. 3" blow back

For Recovery and Pressures; go to next page

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#### OCT 2 9 2009

Lithology, cont...

#### KCC WICHITA

DRILLSTEM TEST No. 1 Recovery: 645' of gas in pipe

195' of gas cut oil 80% oil 60' of gas cut oil 60% oil 120' of gas & mud cut oil 60% oil

IFP: 39-99psi IBHP: 1128 psi FFP: 108-157 psi

FBHP: 1105 psi

3718-3722: LS-very upper G zone; Slight porosity with white, dense G zone with trace of oolitic lime and minor trace of oil stain.

3760-3774; LS-white, dense to to colitic and vuggy porosity (3760-66)
H zone with fair oil stain, very slight show of free oil and
faint odor. Tested by Drillstem Test No. 2.

3782-3786: LS-white, dense to slight oolitic & vuggy (from above?).

I zone
Rare dark and dead oil stain. Very slight show of free oil but no odor. Samples misleading, no value. Tested by drillstem test No. 2

DRILLSTEM TEST No. 2: 3740 to 3792:

Tool Open: 30 min. with strong blow off

bottom of bucket in5 min.

Tool Shut In: 60 min. with 2" blow back Tool Open: 30 min. with blow off bottom

in 6 min.

Tool Shut in: 60 min. with 3" blow back.

Recovery: 180' gas cut oil 70% oil 270' gas cut oil 50% oil 120' gassy mud cut oil 50% oil

IFP: 57-141 psi IBHP: 1288 psi FFP: 158-234 psi FBHP: 1260 psi

3796-3804: LS-white dense to slight vuggy, rare oil stain in trace of oolitic lime. No porosity and no show of free oil or odor.

3812-3820: LS-white, some buff very fine dense with minor trace of K zone oil stain. No free oil or odor. Porosity indicated.

3830-3840: LS-white, buff, light gray, buff dense to chalky with no

L zone oil stain noted. good porosity indicated.

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#### REMARKS & RECOMMENDATIONS:

It is very evident that the 3-D seismic predicted a very high structural anomaly in the South half of Sec. 5, 8s, 24 w in Graham County. The initial well (the Teel No. 1) ran considerably higher than predicted and good oil was recovered from the F zone and the H zone of the LKC. The well ran 7' higher than the nearest dry to the East, which recovered only mud and water on drillstem tests.

I believe that this structure should support several structurally high LKC wells on the lease.

#### RECOMMENDATIONS:

Based on the samples, the drillstem test results and the RAG and Micro logs I recommend that the H and the F zone be perforated for production. In addition, I recommend that the B zone be perforated for production at a later date.

It should be noted that the K and L zones have been very productiver in the very high structural wells to the north and northeast. In the Teel No. 1. these zones did not have good permeability based on the Micro log, although the K zone may be considered for perforating and testing at some later date.

So: I recommend that the H zone be perforated from: 3762-66 & F zone be perforated from: 3711-3716

Respectfully submitted;

Francis C. Whisler

Geologist