KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 September 1999 Form Must Be Typed

4/09/11

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

33168

WICHITA, KANSAS 67202

267-4379 (ext 107)

33902

SWD

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

ENHR _

HARDT DRILLING LLC

BILLY G. KLAVER

Re-Entry

BOWERS DRILLING COMPANY INC

Re-perf.

125 N. MARKET, SUITE 1000

WOOLSEY OPERATING COMPANY, LLC

BLUESTEM GAS MARKETING / PLAINS MARKETING

SIOW

_ Other (Core, WSW, Expl., Cathodic, etc)

Docket No.

Docket No.,

Docket No.

12/15/2008

Date Reached TD

Original Total Depth:

__ SIGW

DEAN PATTISSON, OPERATIONS MANAGER

___ Temp. Abd.

Conv. to Enhr./SWD

02/18/2009

Completion Date or

Recompletion Date

Plug Back Total Depth

Operator: License #.

Operator Contact Person:

Contractor: Name:

Wellsite Geologist: _

Oil

Gas

Dry

Original Comp. Date:

Deepening

_ Plug Back

Commingled

12/12/2008

Recompletion Date

Spud Date or

___ Dual Completion

Other (SWD or Enhr.?)

Operator:

316

Designate Type of Completion:

Well Name: FITZGERALD B-1

Address:

License: _

City/State/Zip:

API No. 15 - 007 - 21226 00-01 Qtr call: 100' S of NE NE SW
County: BARBER
S2 _NE _NE _SW Sec. 30 Twp. 33 S. R. 11 East West
2210 feet from S/ N (circle one) Line of Section
2970 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: FITZGERALD 1 Well #: OWWO
Field Name: RHODES
Producing Formation: MISSISSIPPIAN
Elevation: Ground: 1407 Kelly Bushing: 1417
Total Depth: 5040 Plug Back Total Depth: 4880
Amount of Surface Pipe Set and Cemented at EXISTING at 208' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth setFee
If Alternate II completion, cement circulated from n/a
feet depth tosx cmt.
Drilling Fluid Management Plan RENJ 131909 (Data must be collected from the Reserve Pit)
Chloride content 62,000 ppm Fluid volume 1500 bbls
Dewatering method used HAUL FREE FLUIDS AND ALLOW TO DRY
Location of fluid disposal if hauled offsite:
Operator Name: n/a
Lease Name: License No.:
Quarter Sec TwpS. R 🔲 East 🗌 West
County: Docket No.:
he Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.
and the if any and of in writing and sub-titled with the feet of the control of t

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil herein are complete and correct to the best of my knowledge.	and gas industry have been fully complied with and the statement
Signature:	KCC Office Use ONLY
Title: Dean Pattisson, Operations Manager Date: April 9, 2009	Letter of Confidentiality Received
Subscribed and sworn to before me this 9th day of April	If Denied, Yes Date: Wireline Log Received
20.09 . Ochra K. Missan	Geologist Report Received
Notary Public: Debra K. Clingan Date Commission Expires: March 27, 2010	BRAK UIG Distribution

		•		Side Ti	wo	•	•			-
Operator Name: W	OOLSEY OPERA	TING COMP.	ANY, LLC	osca N	ame.	FITZGERALD	0.1	Wall #- C	owwo	
Sec. 30 Twp. 33				ounty:				_ Well #:C	110	
INSTRUCTIONS: Sh tested, time tool oper temperature, fluid rec Electric Wireline Logs	now important tops a n and closed, flowing covery, and flow rates	nd base of form and shut-in pro if gas to surface	nations penetra essures, wheth ce test, along t	ated. Dener shut	etail al t-in pre	cores. Report	tatic level, hydro	ostatic pressui	es, botton	n hole
Drill Stem Tests Taker		☐ Yes [√No		Įμ	og Formatio	n (Top), Depth a	and Datum	s	Sample
Samples Sent to Geo	ŕ	✓ Yes	No		Name	=		Top 1778	_	atum 361
Cores Taken		:	✓ No		Toron	_		3643		2226
Electric Log Run		V ✓ Yes	No		Doug			3666		2249
(Submit Copy)					Swop			4289	- 2	2872
List All E. Logs Run:					Herth	a		4319	- ;	2902
Compensated N	Neutron Density	PE			Missi	ssippian		4521	- (3104
Dual Induction					Viola			4832	- ;	3415
Sonic Cement E	Bond				Simp	son		4931	- ;	3514
		Report all st	CASING RECO		✓ Ne	w Used	on. etc.			
Purpose of String	Size Hole Drilled	Size Casi Set (In O.	ng	Weight	t	Setting Depth	Type of Cement	# Sacks Used		and Percent
Surface		001 (,	200.11		existing at 208'	- Comoni		1	
Production	7 7/8"	4 1/2'	10	0.5# / ft	t	4925'	60/40 poz	50	4% gel, 1	/4# Celcoflake
							Class H	130	1/4# Flose	10% Gypseal, eal, 6# Kolseal, .8% FL160
Purpose:	Depth		· · · · · · · · · · · · · · · · · · ·			EEZE RECORD			-	
Perforate Protect Casing	Top Bottom	Type of Ce	ment #	Sacks Us	sed		Type and I	Percent Additives		
Plug Back TD Plug Off Zone										· ·-
Shots Per Foot		ON RECORD - E Footage of Each I					ture, Shot, Cemen		rd	Depth
4	Mississippian 452	8-4556 & 4560	4576			ACID: 2400 ga	I 10% MIRA			
						FRAC: 133,098	gallons slick wtr,	1,250,000 SCF	Nitrogen	
						67,800# 30/70	Brady Sd, 12,0	00# 16/30 Bra	ady Sd,	
			· · · · · · · · · · · · · · · · · · ·			10,500# 16/30	Resin Coated	Sand		
TUBING RECORD	Size 2 3/8"	Set At 4607'	Pa n/	icker At 'a	·	Liner Run]Yes ☑ No			
Date of First, Resumero 3/3/	d Production, SWD or E /2009	inhr. Proc	lucing Method		Flowing	y ✓ Pumpin	g 🔲 Gas Li	ft 🔲 Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil 5	Bbls.	Gas Mcf		Wate	er Bt 158	s. ek	Gas-Oil Ratio		Gravity n/a
Disposition of Gas	METHOD OF (COMPLETION				Production Interv	/al	-,,		
☐ Vented ✓ Sold	Used on Lease		_	Pert.		ually Comp.	Commingled _	4528 - 45	76 OA	
(If vented, Su	ibmit ACO-18.)	<u></u> □ 0	ther (Specify)	, . 	A					
			F - 0	100	- *- \	•				

ALLIED CEMENTING CO., LLC. 043178

RUSSELL, KANSAS 6766	5		SER	VICE POINT:	ine lodge
DATE /2/14/08 SEC. TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE WELL#	LOCATION COOL	odse som	toGedonlo	COUNTY	STATE
OLD OR NEW (Circle one)	100 mis 5, 8	σ . $=$	· IDAGETO-GO	W. K. COO.	1 723
CONTRACTOR Hard+#1	medica are	OWNER ()	noku, c	הישל הישל	
TYPE OF JOB PARTY HOO				7=	
HOLE SIZE 77/8 T.D.	5040	CEMENT			11 #0 - 0
CASING SIZE DEP			DERED		14 +10-Seal
DRILL PIPE DEP		10+10-2	9691P+1096	Salt C.	(<
TOOL DEP				Mrs - Oc	<u> </u>
	IMUM	, COMMON	39 A		602.55
	E JOINT 36 L		26		208.00
CEMENT LEFT IN CSG. PERFS.		GEL	2		41.60
DISPLACEMENT 79 BRK 29	Luci	CHLORIDE ASC		-@ <i></i>	
EQUIPMENT	L.J	FID Sea	1 49#		122.50
EQUII (IIE)(1		/30	Н		2/77.50
PUMPTRUCK CEMENTER 41	α κ	6405	eal 12	@ 29.20	
#3/20-7/ = HELPER Stew		5al	+ 14	@ 12.00	168.00
BULK TRUCK		· <u>/ </u>	<u>780 - </u>	_2ع	
#353- DRIVER LATANT	TITE TES	$\frac{EL-16}{20}$			1303.40
BULK TRUCK VVI		u <u>Clark</u>	w 8 slo	_@	250.00
# DRIVER Regula	Correspondent	rs HANDLING	243	@ 2.40	583.20
Tests 7	Meters Operatio	ns MILEAGE	nin c		312.00
REMARKS:				•	6813,35
p. p. anbottop, losect Citt.	due (ctu/155x.				
mix 50.3x/dyd-1 mx 1303x	12:1.3kg_	· · · · · · · · · · · · · · · · · · ·	SERVI		
Zibkel How Law City de	of Diguil	DEPTH OF JOS	B 4925		
	12:1.3kg_	DEPTH OF JOE	B <u>4925</u> CHARGE		185.00
Zibkel How Law City de	of Diguil	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA	B <u>4925</u> CHARGE AGE	·	
Zibkel How Law City de	of Diguil	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE	B <u>4925</u> CHARGE AGE	., 	42.00
Zibkel How Law City de	of Diguil	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE AGE	(42.00
Zibkel How Law City de	of Diguil	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE	B 4925 CHARGE AGE		
Plus sons over. + horisa	of Diguil	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE AGE	(42.00
Zibkal Hoo La Cit de	Jan Stop	DEPTH OF JOI PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE AGE	.; @	42.00
CHARGE TO: Works Felore OF	Mold Mold	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE AGE	(@ 7,00 @ 7,00 @ //3,00 @ TOTAL	<u>42.00</u> <u>113.00</u> 2340.00
CHARGE TO: LOSSEL OPER	Mold Mold	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	7.00 @ 7.00 @ //3,00 TOTAL	<u>42.00</u> <u>113.00</u> 2340.00
CHARGE TO: LOSSEL OPER	Mold Mold	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	@ 7,00 @ 7,00 @ //3,00 @ TOTAL	<u>42.00</u> <u>113.00</u> 2340.00
CHARGE TO: UST STATE CITY STATE	Mold Mold	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	7.00 @ 7.00 @ 7.00 TOTAL EQUIPMEN @ 43400 @ 405.00	<u>43.00</u> 2340.00 T
CHARGE TO: USE STATE CITY STATE Killied Cementing Co., LLC.	New Janes New Ja	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	7.00 @ 7.00 @ 7.00 @ 7.00 TOTAL EQUIPMEN @ 434.00 @ 495.00 @ 68.00	<u>42.00</u> <u>113.00</u> 2340.00
CHARGE TO: UST STATE CITY STATE	ZIP	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	7.00 @ 7.00 @ 7.00 TOTAL EQUIPMEN @ 434.00 @ 405.00 @ 68.00	42.00 113.00 2.340.00 T
CHARGE TO: LOS STATE CITY STATE Would Compare the Co	ZIP ZIP	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	### ##################################	42.00 113.00 2340.00 T 9 434.00 9 435.00 544.00 1088.00
CHARGE TO: LOS STREET	ZIP ZIP above work was	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD	B 4925 CHARGE	### ##################################	42.00 113.00 2.340.00 T
CHARGE TO: STATE CITY STATE You are hereby requested to rent ceme and furnish cementer and helper(s) to contractor to do work as is listed. The done to satisfaction and supervision o contractor. I have read and understand	ZIP	DEPTH OF JOI PUMP TRUCK EXTRA FOOT, MILEAGE MANIFOLD POOTS 1-A+U-/A 8-hu-look	LUG & FLOAT	### ##################################	42.00 113.00 2340.00 T 9 434.00 9 435.00 544.00 1088.00
CHARGE TO: STATE CITY STATE To Allied Cementing Co., LLC. You are hereby requested to rent ceme and furnish cementer and helper(s) to contractor to do work as is listed. The done to satisfaction and supervision o	ZIP	DEPTH OF JOE PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD POOTS 1-P+U-JOE 8-1-2-1	CHARGE GAGE GAGE GAGE GAGE GAGE GAGE GAGE	### ##################################	42.00 113.00 2340.00 T 9 434.00 9 435.00 544.00 1088.00
CHARGE TO: STATE CITY STATE You are hereby requested to rent ceme and furnish cementer and helper(s) to contractor to do work as is listed. The done to satisfaction and supervision o contractor. I have read and understand	ZIP	DEPTH OF JOI PUMP TRUCK EXTRA FOOT, MILEAGE MANIFOLD POOTS 1-A+U-/A 8-hu-look	CHARGE GAGE GAGE GAGE GAGE GAGE GAGE GAGE	### ##################################	42.00 113.00 2340.00 T 9 434.00 9 435.00 544.00 1088.00
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CHARGE TO:	ZIP	DEPTH OF JOI PUMP TRUCK EXTRA FOOT, MILEAGE MANIFOLD MANIFOLD POTE 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	LUG & FLOAT	### ##################################	42.00 113.00 2.340.00 T 2.340.00 105.00 544.00 1088.00