County

API NO. 15- 163-23,084-00-00

Form ACO-1 (7-89)

East

Rooks

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION MELL COMPLETION FORM ACO-1 MELL HISTORY DESCRIPTION OF MELL AND LEASE

DESCRIPTION OF WELL AND LEASE	<u>NW NE SE</u> Sec. <u>26</u> Twp. <u>10</u> Rge. <u>20</u> X Wes
Operator: License # 5140	Ft. North from Southeast Corner of Sectio
Name: FRONTIER OIL COMPANY	990 Ft. West from Southeast Corner of Section
Address 125 N. Market, Ste. 1720	(NOTE: Locate well in section plat below.
	Lease Name Sutor Well # 1
City/State/Zip Wichita, KS 67202	Field NameMarcotte
Purchaser: N/A	Producing Formation N/A
Operator Contact Person: Jean Angle	Elevation: Ground 2153 KB 2158
•	Total Depth 3757 PBTD N/A
Phone (316) 263-1201	5280
Contractor: Name: RED TIGER DRILLING CO.	4950 4620 4390
License:5302	3960 3960 3630
Wellsite Geologist: Steve Parker	3300 2970
Designate Type of Completion _X New Well Re-Entry Workover	2640 N
OilSWDTemp. AbdGasInjDelayed Comp	1980 N 1650 N 1320 990 900
X Dry Other (Core, Water Supply, etc.)	660
If OWNO: old well info as follows: Operator:	330 330 330 330 330 330 330 330 330 330
Well Name:	Amount of Surface Pipe Set and Cemented at <u>267</u> Feet
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? Yes X No
Drilling Method:	If yes, show depth setFeet
X Mud Rotary Air Rotary Cable	
<u>3-20-90</u> <u>3-29-90</u> <u>3-30-90</u>	If Alternate II completion, cement circulated from
	feet depth to w/ sx cmt.
82-3-106 apply. Information on side two of this form will be writing and submitted with the form. See rule 82-3-1 wireline logs and drillers time log shall be attached with the	nd filed with the Kansas Corporation Commission, 200 Colorado of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in 07 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 temporarily abandoned wells. Any recompletion, workover or of from commencement date of such work.
All requirements of the statutes, rules and regulations promulg with and the statements herein are complete and correct to th	gated to regulate the oil and gas industry have been fully complied
	e best of my knowledge.
Signature Stan Unall	K.C.C. OFFICE USE ONLY
Fitle Date 4-1	
Subscribed and sworn to before me this $11 ext{th}$ day of Apri	CDrillers Timelog Received
19 90.	Distribution
Hotary Public & Una Pronnan	KCCSWD/RepNGPA KGSOther
Date Commission Expression PRICE OF PAR	D(5 - (Specify)
NOTARY PUBLIC STATE OF KANSAS	
THE TRANSPORT CIALCULARIES I / / / / / / / / / / / / / / / / / /	

SIDE TWO

Operator Name	FRONTIER OIL COMPANY		Lease Nam	e Suto:	r	Well #		
		☐ East	County	Rook	S			
Sec. <u>26</u> Twp. <u>1</u>	<u>O</u> Rge. <u>20</u>	X West	and the second				Maria de Caragonia	
interval tested, ti	me tool open es, bottom hole	s and base of formation and closed, flowing and temperature, fluid reco	d shut-in pre	ssures, whet	ther shut-in pro	essure rea	ched static level	
Drill Stem Tests Tak (Attach Additiona		X Yes □ No			Formation Desc	ription		
Samples Sent to Geol	ogical Survey				□ Log 🖾	Sample		
Cores Taken		Yes X No	Name		Тор	Bott	om	
Electric Log Run (Submit Copy.)		Yes X No	Anhydrit B/Anhydr		1595 1626	+5 +5	32	
DST #1 (3196-3220)	60-30-60-	-30. Rec. 530' MSV	Topeka		3181	-10		
IF 44-122, FF 144-			Heebner Toronto		3393	-12		
DST #2 (3628-3741)	60-30-15-	30 Rec 10 M		KS City		3416 -1258 3430 -1272		
IF 111-122, FF 122			Base KS		3639	-14	•	
		322, 2322 777	Arbuck1e	•	3738	-15		
cont'd.			RTD		3757	-15		
	CASING RECORD New 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	
Surface	12½"	8 5/8"	20#	267	60-40 POZ	150	3%cc,2%ge1	
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Dep					ueeze Record Depth			
N/A					OWNERS ENGINEERING TO THE STATE OF THE STATE			
			M. 12. 7. (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1					
			740 MA-101 - 101 -					
TIRING DECORD	Si-a	S-1- 1-						
N/A				acker At Liner Run Yes No				
		- Nahad						
Date of First Produc	tion Producir	Flowing P	umping G	s Lift 🗆 (ther (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf Water	Bbls.	Gas-Oil	Ratio	Gravity	
Disposition of Gas:	N/A	HETHO	OF COMPLETI			Di	roduction Interval	
Vented Sold (If vented, sub	Used on L	ease Open Hol	e Perfor	ation D	ually Completed			
-		U Other (S	pecify)			- Spingland		

API NO. 15- 163-23,084-00-00

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM	CountyR	Rooks		
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	NW NE S	SE Sec. <u>26</u> Tu	wp. <u>10</u> Rge. <u>20</u>	East X West
Operator: License # 5140	2310	Ft. North	from Southeast Corner	r of Section
Name: FRONTIER OIL COMPANY	990	Ft. West	from Southeast Corner	of Section
Address 125 N. Market, Ste. 1720	Lease Name	(NOTE: Loc	cate well in section p	plat below.)
		Marcotte		
City/State/Zip <u>Wichita, KS 67202</u>		_		
Purchaser:N/A				
Operator Contact Person:			кв 2158	
Phone (316) 263-1201	Total Depth _	3757	PBTD <u>N/A</u>	1
Contractor: Name: RED TIGER DRILLING CO.	-		5280 4950 4620	
License:5302	: ۵		4290 3960	
Wellsite Geologist: Steve Parker	-1990 		3630 3300	١
Designate Type of Completion	04-12-		2970 2640 2310 1980	₩
OilSWDTemp. Abd.	±		1650 1320	lA.
Gas Inj Delayed Comp. X Dry Other (Core, Water Supply, etc.)			990	
If OWNO: old well info as follows:	ŀ		330	
Operator:	5280	4950 4620 4620 3960 3630 3630 3630 2970 2970	1320 1320 1320 1320 330 330	
Well Name:	Amount of Sur	face Pipe Set and	Cemented at 267	Feet
Comp. Date Old Total Depth	Multiple Stag	e Cementing Collar	Used? Yes	X No
Drilling Method: X Mud Rotary Air Rotary Cable				
3-20-90 3-29-90 3-30-90	If Alternate	II completion, cen	ment circulated from _	
Spud Date	feet depth to	***************************************	_ w/	sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate ar Derby Building, Wichita, Kansas 67202, within 120 days 82-3-106 apply. Information on side two of this form will be writing and submitted with the form. See rule 82-3-1 wireline logs and drillers time log shall be attached with the form with all plugged wells. Submit CP-111 form with all conversion of a well requires filing of ACO-2 within 120 days	of the spud da be held confider 107 for confider this form. ALL l temporarily	te of any well. ntial for a period ntiality in excess CEMENTING TICKETS abandoned wells.	Rule 82-3-130, 82- d of 12 months if rec s of 12 months. One of MUST BE ATTACHED. S	3-107 and quested in copy of all Submit CP-4
All requirements of the statutes, rules and regulations promul, with and the statements herein are complete and correct to the	gated to regula ne best of my kn	te the oil and gas nowledge.	industry have been ful	lly complied
Signature flan Unall	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		OFFICE USE ONLY of Confidentiality At	tachad
Title Agent Date 4-1	1-90	C Wirelin	ne Log Received	caciled
Subscribed and sworn to before me this 11th day of Apri	1		s Timelog Received	
Notary Public D'annon		KCC KGS	DistributionSWD/RepPlug	_NGPA _Other
Date Commission Expression RECENTAGE			(Sp	ecify)

ORIGINAL

Form ACO-1 (7-89)

SIDE TWO

Operator Name FI	RONTIER OII	COMPAN	Y	Lease Name	Sutor		Well # .	1
		East		County	Rooks			
Sec. <u>26</u> Twp. <u>10</u>	- 20	X West	•					
<pre>INSTRUCTIONS: Show i interval tested, time hydrostatic pressures if more space is need</pre>	tool open ar , bottom hole t	nd closed, :emperature	flowing ar , fluid rec	nd shut-in pre	ssures, wheth	ner shut-in pre	ssure read	ched static level,
Drill Stem Tests Take (Attach Additional		X Yes	□ No			Formation Desc	ription	
Samples Sent to Geolo	gical Survey	Yes				Log X	Sample	
Cores Taken		Yes	X No	Name		Тор	Bott	om
Electric Log Run (Submit Copy.)		Yes	X No	Anhydrit B/Anhydi		1595 1626	+5: +5:	32
	T #1 (3196-3220) 60-30-60-30. Rec. 530' MSW 44-122, FF 144-212, ISIP 707, FSIP 652. T #2 (3628-3741) 60-30-15-30. Rec. 10' M. 111-122, FF 122-122, ISIP 322, FSIP 444.		Heebner	Toronto 34 Lansing-KS City 34 Base KS City 36		3 –1235		
			Lansing-			-12° -14°	72 81	
cont'd.				RTD	=	3738 3757	-15°	
Purpose of String	Report all strings set-conductor,			New Lor, surface,		production, et	c. # Sacks	Type and Percent
	Drilled		n 0.D.)	Lbs./Ft.	Depth	Cement	Used	Additives
Surface	12¼"	<u>8 5/</u>	8"	20#	267	60-40 POZ	150	3%cc,2%ge1
Shots Per Foot	PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforate			erforated	Acid, Fracture, Shot, Cement Squeeze Record orated (Amount and Kind of Material Used) Depth			
N/A	N/A							
TUBING RECORD N/A	,							
Date of First Produc	tion Producir	ng Method	Flowing [Pumping [Gas Lift 🗆	Other (Explain)		
Estimated Production Per 24 Hours	oil	Bbls.	Gas	Mcf Wat	er Bbls.	Gas-Oil	Ratio	Gravity
Disposition of Gas:	N/A		MET	HOD OF COMPLET	LION		F	Production Interval
Vented Sold (If vented, sub		.ease				Dually Complete	d Comm	ingled
			⊔ Other	(Specify)			-	njer

ORIGINAL

ORIGINAL

SIDE TWO (Page Two)

15-16323084-00-00 ACO-1 WELL HISTORY

OPERATOR FRONTIER OIL COMPANY LEASE NAME SUTOR

1 SEC. 26 TWP. 10 RGE. 20W

THOUSE THE OLD CONTINUE	DOTOR	-7 ±	_SEC26_TWP1	U RGE 20W	
FILL IN WELL LOG AS REC			- · · · · · · · · · · · · · · · · · · ·		
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			SHOW GEOLOGICAL MARKERS, LOGS RUN OR OTHER DESCRIPTIVE INFORMATION		
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	воттом	NAME	DEPTH	
DST #3 (3628-3744) 60-30-45-30. Rec. 70'. M w/slight show oil. IF 122-122, FF 122-133, ISIP 433, FSIP 411				,	
DST #4 (3630-3749) 60-30-60-30. Rec. 70' I IF 111-122, FF 122-133, ISIP 400, FSIP 37	M 7				
DST #5 (3742-3757) 30-30-30-30. Rec. 60' I IF 66-66, FF 66-66, ISIP 893, FSIP 783	M				
		·	-	<u>.</u>	

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

15-163-23084-600-00

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

CO., INC. Nº

8710

Home Office P. O. Box 31 <u>Proposition in the Board Russell, Kunsus 67665</u> 5 per least the source of the Board Russell.						
Sec.		Called Out On Location Job Start Finish				
Date 3-29-90 26	105 20 4:5					
Lease Suton Well No						
Contractor Red Tigen I	rla. Co. Rig#8	Owner - 570 fts it start 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Type Job Plus		To Allied Cementing Co. Soc.				
Hole Size 7 1/8	T.D. 3757					
Csg. 873"	Depth 267'	Charge				
Tbg. Size	Depth	To 1-nontien Vil Company				
		Street 1437 N. Franklin				
Drill Pipe	Depth	City Russell State Ks. 67665				
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.				
Cement Left in Csg.	Shoe Joint	Purchase Order No. 6 to open de 25% de 1980 de 1980				
Press Max. 400#	Minimum	X L De				
Meas Line	Displace	THE WARTER OF THE THE PARTY OF				
Perf.		TO GALLIA L. T. TELLARA. CEMENT				
EQUIPM	<i>A</i> ENT	Ordered 215 sks 40 pez 62 gel				
:		Consisting of F 2 sks floseal				
No. Cementer	Gary H.	Common /29 stks 2 5 0 /sk. 645,00				
Pumptrk /9/ Helper No. Cementer	Manayu K.	Gel. 7 5ks 2 6.75/sk 1/7 50				
Pumptrk Helper		Chloride				
Driver	Glou C	Quickset - Flosen V - 50 4 8 / 60 / 1/6 000				
Bulktrk #2/2		- 30,				
Bulktrk Driver		Sales Tax				
DEPTH of Job		Handling 0 90 4/sk, (215 sks) 193,50				
Reference: 49 Cumpfrack-	2/000	Mileage 603 \$ /sk./mi. (17 mi.) 109,65				
# 9 Cumptruck-	94 360	Sub Total				
#8 1-8/8 dry	60/e plug 20	7261,13-				
#14 mileage & l.	Sub Total 3 97 00	Total				
	Tax	Floating Equipment Thanks				
	Total					
Remarks: st plue e 37.						
2 1 plug e /600	" w/25 sks.	1. 1. 1880 1. 1. 1.				
3 mg e 880'	w/100 sks.					
4th plug e 3/0' n	140 sks.	New Comments of the				
878" juge 40'w,	110 sks to syntace	Plugged nat hole w/15 sts.				

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843



ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Konsus 67665

Sec. Twp. Range Called Out On Location Job Start Finish BOPN OD Well No. Location Sillo To Allied Cementing Co., Inc. Type Job You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed-485 TS Hole Size T.D. 10939k 14 mallana 👣 Csg. Depth To. N merin Tbg. Size Depth 42 MO: . pha ed Badi Drill Pipe Depth State 139577 : 1944 -16 The above done to satisfaction and supervision of owner agent or Tool Depth contractor. Cement Left in Csg. Shoe Joint Purchase Order No. X I D Press Max. Minimum Meas Line Displace CEMENT Perf. Amount Ordered **EQUIPMENT** Consisting of Common No. Cementer Poz. Mix Pumptrk Helper Gel. No. Cementer Chloride Pumptrk Helper Quickset Driver #212 Bulktrk Bulktrk Driver Sales Tax Handling DEPTH of Job Mileage Reference: Sub Total <u></u> Total Sub Total Floating Equipment Tax Total Remarks: