KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1

June 2009

Form must be Typed

Form must be Signed

All blanks must be Filled

OPERATOR: License # 5208	API NO. 15- 189-2050 \$6 - 00 - 01 \$
Name: ExxonMobil Corporation	Spot Description: W2 NE
Address 1:P.OBox_4358	<u>NE</u> Sec. <u>33</u> Twp. <u>33</u> S. R. <u>37</u> ☐East 🛛 West
Address 2:	1390 Feet from X North / South Line of Section
City <u>HOUSTON</u> State <u>TX</u> Zip: <u>77210</u> + <u>4358</u>	1874 Feet from X East / West Line of Section
Contact Person: Gladys M. Olive	Footages Calculated from Nearest Outside Section Corner:
Phone (281) 654-1921 RECEIVED	□ NE □ NW □SE □ SW
CONTRACTOR: License # NA 34602 SEP 2 3 2011	County: Stevens
Name: Key Energy Services	Lease Name: Sherwood-Winter Unit well #: 1
Wellsite Geologist: NA KCC WICHITA	Field Name: Panoma
Purchaser: <u>ExxonMobil Corporation</u>	Producing Formation: Chase
Designate Type of Completion	Elevation: Ground: 3119 Kelley Bushing: 3127
□ New Well □ Re-Entry ☒ Workover	Total Depth: 3210 Plug Back Total Depth: 2830
Oil wsw swd slow	Amount of Surface Pipe Set and Cemented at: 752' Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes X No
GSW Temp. Abd.	If yes, show depth set: Feet
☐ CM (Coal Bed Methane) ☐ Cathodic ☐ Other (Core Expl. etc.)	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
If Workover/Reentry: Old Well Info as follows: Operator: Mobil Oil Corporation	Drilling Fluid Management Plan
Well Name: Sherwood-Winter Unit #1	(Data must be collected from the Reserve Pit)
Original Comp. Date: 6/27/1980 Original Total Depth: 3210	Chloride content: ppm Fluid volume: bbls
☐ Deepening	Dewatering method used:
☐ Conv.to GSW	Location of fluid disposal if hauled offsite:
X Plug Back: 2830 Plug Back Total Depth	
Commingled Permit #	Operator Name:
SWD Permit#	Lease Name: License #;
ENHR Permit #	QuarterSec. Twp. S.R. East West
GSW Permit #	County:Permit#
5/27/1980 6/27/1980 8/6/2011 Spud Date or Date Reached TD Completion Date or	outly.
Recompletion Date Recompletion Date	
INSTRUCTIONS: An original and two copies of this form shall be filed with	h the 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. Information
on side two of this form will be held confidential for a period of 12 mor	oths 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 g MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit C	eologist well report shall be attached with this form. ALL CEMENTING TICKETS P-111 form with all temporarily abandoned wells.
AFFIDAVIT	KCC Office Use ONLY
I am the affiant and I hereby certify that all requirements of the statutes, rules	and regu- Letter of Confidentiality Attached
lations promulgated to regulate the oil and gas industry have been fully compand the statements herein are complete and correct to the best of my knowle	edge
ha la	Confidential Release Date:
Signature Made YV. D	Geologist Report Received
Title Technical Assistant Date 9/	22/2011 UIC Distribution ALT VI TII Approved by: DIG Date: 9 27 11

Operator Name EXXII	omobil compor	ation		Leas	e Nam	e <u>zuerwood</u>	-winter	vveii #	· <u>1</u>	
Sec. <u>33</u> Twp. <u>33</u>	3 s.r. <u>37</u>	X East [West	Coun	ty <u>s</u>	itevens				
NSTRUCTIONS: Show ime tool open and closed ecovery, and flow rates ine Logs surveyed. Attac	d, flowing and shu if gas to surface d	t-in pressures, v uring test, along	whether sh with final	ut-in pressu	re rea	ched static leve	I, hydrostatic pr	essures, botto	om hole temperatu	
Drill Stem Tests Taken (Attach Additional S	heets)	☐ Yes 【	X No] Log	F	Formation (Top)	Depth and D	atums Sa	
Samples Sent to Geolog	gical Survey	☐ Yes	☐ Yes X No		Name		Тор	Da	atum	
Cores Taken	•	Yes X No								
Electric Log Run			X No	Stone	Cori	ral		16	573	
Electric Log Run Submi			X No	Chase		· ·			523	
(If no, Submit Copy) List All E.Logs Run:	•									
None, bridge plu perfs and reperf			riginal	Counc	ar Gr	ove		25	332	
	Repor	CASING R		New surface, into			, etc.			
Purpose of String	urpose of String Size Hole Size Casing Orilled Set (In O.D.)			Weight Łbs./Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Perce Additives	
Surface Casing	12 1/4"	8 5/8"		24#		752'	Н	300	3% Cacl 2	
Production Casing 7 7/8"		5 1/2"		14#		3210'	HowcoLite&	1 650	1/4#/SK Flo	
								<u> </u>		
Purpose	Depth	ADDIT		=MENTING/ #Sacks U		EZE RECORD	Type and P	ercent Additiv		
X Perforate	Top Bottom	13000100	•				Type and Telestry Identities			
Y Protect Casing Plug Back TD Plug Off Zone	2830-2840	Class H					Set CIBP & cap w/10'H cmt-P&A perfs 2937-2984			
Shots Per Foot	nots Per Foot PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perfora						e, Shot, Cement t and Kind of Ma		ord Depth	
3	2754-2784/To	owanda				Perf & aczdw/2000 gal 15%HCL+180 BS				
3	2700-2710/W	infield				Perf & fracw/79800# 40/70+104971 gal water				
3	2748-2672/Kr	ider				Perf & aczd-same as above				
3	2610-2634/He	erington	rington				Perf & aczd-same as above			
3						Perf				
TUBING RECORD						Liner Run	☐ Yes [∑] No		
Date of First, Resumed S.I. pending flo				ing Method ving 🔲 Pu	mping	☐ Gas Lift	Other (Expla	in)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bbls.	Gas-Oi	Ratio	Gravity	
DISPOSITION OF GAS: ME					F CON	IPLETION		PRODUCT	ION INTERVAL	
☐ Vented 🗓 Sold	Used on Le	ase D Op	en Hole	χ Perf.	Duall	y Comp. C	ommingled	2586-27	784 OA	
(If vented, submit	ACO-18.)	 	ther (Specif)	<i></i>	(Subi	nii ACO-0)				

Permitting

Cemeuter: Fill in straded areas. Operator: Fill in other items.

CO TO GO DIVINION

AUG 2 5 2011

Cementing Report

Rev. 4/1/83

483-045

1 Operator's Name (4s shows as 2)			
1. Operator's Name (As shown on Form P-5. Organization Report) EXXON MOIO: Corporation	20 perator lease #5208	P	County of Well Site
5. Field Name (Wildpat or exactly as shown on RRC records)	1 3200	6 AF NO 15 - 189-20500	5+evens. 7. Drilling Permit No.
Sherwood - Winter Unit	9. Rule 37 Case No.	TO: OU Lesse/Cas ID No	
THE SULL PORT OF THE SECOND SE			

CASING CEMENTING DATA:		SURFACE CASING	INTER- MEDIATE CASING	CAS	UCTION SING	MULTI-STAGE CEMENTING PROCESS		
		2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Single String	Multiple Parallel Strings	Tool	Shoe	
	Cementing Date ************************************				1 36 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A			
13.			ļ					
	*Est. % wash or hole enlargement	 -						
	Size of casing (in, O.D.)	<u> </u>	REC	IVED			<u> </u>	
15.	Top of liner (ft.)			2 2011				
16.	Setting depth (ft.)		SEP	3 2011			<u> </u>	
7.	Number of centralizers used .		KCC W	ICHITA			 	
8. 1	Hrs. waiting on cement before drill-out			101.11 to				
£	19 API orment used: No. of sacks	Madalana		1885 ABS	101 01	Manaline Mighton	Confession (constitution)	
# Shuffy			4079080	77			1	
=	Additives	1383	Control of the State of the Sta	And the second s	in a land saddy bear	And the second s	A to a separate of the second second	
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CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG * 2	PLUG * 3	PLUG * 4	PLUG * 5	PLUG * 6	PLUG # 7	PLUG # 8
23 Cementing date	6-14-11			Sogilitaria Sectorial	u ko	***		The state of
24. Size of hole or pipe plugged (in.)	5% 00	अद्भा का	48. 10t	ga misa				, .
25. Depth to bottom of tubing or drill pipe (ft.)					•			-
26 Sacks of ocment used teach plug)	2 Kits	10 St.	Maria Maria	Marian Maria			ود و المار	ni den edena
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28. Calculated top of plug \$1.7	2820	200		a control of the cont	Total in the set			CASS CASS
29. Measured top of plug, if tagged (ft.)								· · · · · ·
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CEMENTER'S CERTIFICATE: I dedair under certification, that the committing of casting an				y our co
certification covers comenting data and			all all the	age and
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Name and title of comenter's representative			्या विकास है।	H ^{rose} 14
HOI FPINE	City. State, Zip	790 120 = 124 = 9 Code Tel. Area Code Risin	ber Date mo.	T - 11
OPERATOR'S CERTIFICATE: I declare under certification, that I have knowledge of the well of true, correct, and complete, to the best of my	iata and information presented in the	o t chos r was seen man seen ho	that I am authorized to make the esented on both sides of this form as	6 'C
Jens Stephen	Wellwork Sup	·· //·	s Stephen	
Typed or printed name of operator's representative	inue	1880 620-544-55	B 6-14-	//
200 West 4th STREET	YUGOTON KS 62			av vr

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

- A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following:
 - An initial oil or gas completion report. Form W-2 or G-1, as required by Statewide or special field rules:
 - Form W-4, Application for Multiple Completion. If the well is a multiple parallel casing completion; and
 - Form W-3. Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-16, in addition to Form W-3, to show any casing cemented in the hole.
- B. Where to file. The appropriate Commission District Office for the county in which the well is located.

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- C. Surface casing. An operator must set and cement sufficient surface casing to protect all usable quality water strata, as defined by the Texas Department of Water Resources. Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth, without prior approval from the Commission.
- D. Centralizers. Surface easing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones, in nondeviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.
- E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. in a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.
- Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (b) (3) and (4).
- Plugging and abundoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three feet below the ground surface. All research plugs except the up plug must have sufficient sturry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug.

To plug and abandon a well, operators must use only cementers approved by the Director of Field Operations. Cementing companies, service companies, or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.