

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

ORIGINAL
API NO. 15- 097-21,116 - 0001
County Kiowa

Operator: License # 5171
Name: MARATHON OIL COMPANY
Address P.O. Box 689
7301 N.W. Expressway, #1075
City/State/Zip Oklahoma City, OK 73101

Purchaser:
Operator Contact Person: Barry Hardy
Phone (405) 720-5555

Contractor: Name:
License:
Wellsite Geologist:

Designate Type of Completion
New Well Re-Entry Workover
Oil SWD SOW Temp. Abd.
 Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Operator: TXO PRODUCTION CORP.
Well Name: Rinkel "A" #1
Comp. Date 6-24-85 Old Total Depth 4824'
Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBDT
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.
9-13-88 9-15-88
Spud Date Date Reached TD Completion Date
Recompletion

- NW - NW Sec. 10 Twp. 28S Rge. 16 ^E _W
4620 Feet from (S)N (circle one) Line of Section
4813 Feet from (E)W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, (SE), NW or SW (circle one)
Lease Name Rinkel "A" Well # 1
Field Name Wellsford
Producing Formation Bern Lime
Elevation: Ground 2126' KB 2138'
Total Depth 4824' PBDT 4700'
Amount of Surface Pipe Set and Cemented at 8 5/8 @436 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set Feet
If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

Drilling Fluid Management Plan *ATI*
(Data must be collected from the Reserve Pit)
Chloride content ppm Fluid volume bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name
Lease Name License No.
Quarter Sec. Twp. S Rng. E/W
County Docket No.

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Barry Hardy
Title Production Engineer Date 12-12-91
Subscribed and sworn to before me this 6th day of January 19 92
Notary Public Barbara S. Standridge
Date Commission Expires 11/1/95

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
Geologist Report Received
Distribution
KCC SWD/Rop NGPA
KGS Plug Other
(Specify)
JAN 9 1992
1-9-92
CONSERVATION DIVISION
WICHITA, KS Form ACO-1 (7-91)

SIDE TWO

Operator Name Marathon Oil Company Lease Name Rinkel "A" Well # 1
 Sec. 10 Twp. 28 Rge. 16 East County Kiowa
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Herington	2383 -245	Heebner 3978 -1840
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Towanda	2508 -370	LKC A 4154 -2016
List All E.Logs Run:		Cottonwood	2879 -471	BKC 4505 -2367
N/A - Recompletion		Onaga Sh	3166 -1028	Cke Sh 4630 -2492
		Wab	3202 -1064	Miss. 4671 -2533
		Stotler	3345 -1207	Kh Cht. 4716 -2578
		Tarkio	3398 -1260	Sh Sd. 4727 -2509
		Emporia	3428 -1290	Viola 4754 -2616
		Bern lm.	3875 -1337	LTD 4824
		Howard	3548 -1410	RTD 4820
		Topeka	3647 -1509	PRD 4700

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	12 1/4"	8 5/8"	23#	436	Lite	200	
					Class A	125	
Production		4 1/2"	10.5#	4819	60-40 Poz	300	2% gel
					Class A	100	.75% CFR-2

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 JSPF	Bern Lime 3476-3482	500 gal 15% HCL	
2 JSPF	Kinderhook * correct perf info: 4732-38; 4717-21		
	CIBP @4700'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	3548'	3548' w/	bull plug			
Date of First, Resumed Production, SWD or Inj.				Producing Method				
9-16-88				<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		0		500		0		

Disposition of Gas:	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	3476-3482
(If vented, submit ACO-18.)	<input type="checkbox"/> Other (Specify)	Bern Lime