

ORIGINAL

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

RECEIVED
FEB 14 2002
WICHITA

Operator: License # 6417Name: RME PETROLEUM COMPANYAddress: 701 S. TAYLOR, STE. 400City/State/Zip AMARILLO, TEXAS 79101Purchaser: ANADARKO ENERGY SERVICESOperator Contact Person: CRAIG R. WALTERS, P.E.Phone: (806) 457-4600Contractor: Name: NALicense: NAWellsite Geologist: NA

Designate Type of Completion

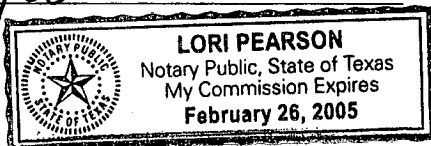
 New Well Re-Entry X Workover X Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: RME PETROLEUM COMPANYWell Name: BIDWELL 5-13Comp. Date 1-19-89 Old Total Depth 5100 Deepening X Re-perf. Conv. to Inj/SWD X Plug Back 4350 PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 8-10-01 9-5-01Spud Date Date Reached TD Completion Date API NO. 15- 055-20842 - 0001County FINNEY - NE - SE - SW Sec. 13 Twp. 23 Rge. 34 X W 3780 Feet from S/X (circle one) Line of Section 3080 Feet from E/X (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name BIDWELL Well # 5-13Field Name GREAT EASTERN DITCHProducing Formation KANSAS CITYElevation: Ground 2937 KB Total Depth 5100 PBTD 4350Amount of Surface Pipe Set and Cemented at 1818 FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 3416 FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan OWWO RGR 1-15-08
(Data must be collected from the Reserve Pit)
NOT APPLICABLEChloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty Docket No.

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 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 Craig R. WaltersTitle DIVISION PRODUCTION ENGINEER Date 2/8/2002Subscribed and sworn to before me this 8 day of February20 Notary Public Lori PearsonDate Commission Expires 2/26/05

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name ANADARKO PETROLEUM CORPORATIONLease Name BIDWELLWell # 5-13Sec. 13 Twp. 23 Rge. 34☐ EastCounty FINNEY☒ 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 ☐ Yes ☒ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name

Top

Datum

SEE ATTACHED ORIGINAL ACO-1

** Original Completion

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	12-1/4"	8-5/8"	24.0	1818		500	
** PRODUCTION	7-7/8"	5-1/2"	15.5			1250	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	4127-4134		
TUBING RECORD	Size 2-3/8 Set At 3937 Packer At	Liner Run ☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Inj. RESUMED: 8-15-01		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil 16 Bbls.	Gas 0 Mcf	Water 60 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled 4127-4134☐ Other (Specify) _____

KCC WICHITA

Form ACO-1 (5-86)

SIDE TWO

Operator Name Union Pacific Resources Company Lease Name Bidwell Well # 5-13
 Sec. 13 Twp. 23S Rge. 34 ☐ East ☒ West County Finney

WELL LOG

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 ☐ Yes ☒ No
 Samples Sent to Geological Survey ☒ Yes ☐ No
 Cores Taken ☐ Yes ☒ No

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Chase	2467	
Council Grove	2744	
Heebner	3748	
Toronto	3765	
Lansing	3784	
Marmaton	4264	
Pawnee	4335	
Ft. Scott	4363	
Cherokee	4380	
Atoka	4468	
Morrow	4572	
Mississippi	4586	

CASING RECORD ☒ New ☐ Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of	#Sacks	Type and Percent
	Drilled	Set (in O.D.)	Lbs/Ft.	Depth	Cement	Used	Additives
Surface	12- 1/4"	8-5/8"	24#	1818'	DLW-3	500	2% CaCl
Production	7- 7/8"	(Annulus) 5- 1/2"	14 - 15.5#	240' 5089'	Class H 60-50 POZ	250 400 660	3% CaCl 3% KCl + .75% HA322 3% KCl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			
4	Atoka/Ft. Scott 4363-76			Breakdown/100 gal 15% HCl 4363 - 4516			
	4468-82						
	4503-16						
TUBING RECORD		Size	Set At	Packer at	Liner Run	☐ Yes ☒ No	
		2-3/8"	4560'				
Date of First Production		Producing Method					
1-21-89		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
		65 Bbls	0 MCF	Trace Bbls	----	CFPB 28.0°	

METHOD OF COMPLETION

Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation
☐ Sold ☐ Other (Specify)
☐ Used on Lease ☒ Dually Completed
☒ Commingled

Atoka/Ft. Scott
 4363-4516' OA