

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

COPY

API NO. 15- 125 - 29,607

County MontgomeryNE - SW - NW - SE Sec. 20 Twp. 31S Rge. 16 XX E1730 Feet from @/N (circle one) Line of Section2070 Feet from @/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)Lease Name Buckles A Well # 1Field Name N/AProducing Formation -----Elevation: Ground 772 KB ---Total Depth 1110' PBD ---Amount of Surface Pipe Set and Cemented at 32' FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set ----- FeetIf Alternate II completion, cement circulated from N/Afeet depth to ----- w/ ----- sx cmt.Drilling Fluid Management Plan AIR DRILL
(Data must be collected from the Reserve Pit)N/A - Well Air DrilledChloride 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. -----Operator: License # 9449Name: GREAT EASTERN ENERGYAddress 5990 GREENWOOD PLAZA BLVD., # 131City/State/Zip ENGLEWOOD, COLO. 80111Purchaser: N/AOperator Contact Person: Tom BrucePhone (316) 331-7870Contractor: Name: Kephart DrillingLicense: 5379Wellsite Geologist: None

Designate Type of Completion

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

If Workover/Re-Entry: old well info as follows:

Operator: -----Well Name: -----Comp. Date ----- Old Total Depth ---------- Deepening ----- Re-perf. ----- Conv. to Inj/SWD----- Plug Back ----- PBD----- Commingled ----- Docket No. ---------- Dual Completion ----- Docket No. ---------- Other (SWD or Inj?) Docket No. -----9/13/91 9/15/91 D & A 10/8/91Spud Date ----- Date Reached TD ----- Completion Date -----

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 John A. SmithTitle Executive Vice President Date 10/29/91Subscribed and sworn to before me this 29th day of October, 19 91.Notary Public Audrey V. NakataDate Commission Expires 8/22/93

K.C.C. OFFICE USE ONLY

F ----- Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ----- Geologist Report Received

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KGS
Distribution
SVD/Rep ----- NGPA
Plug ----- Other -----
(Specify)

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Operator Name Great Eastern EnergyLease Name Buckles "A"Well # 1Sec. 20 Twp. 31S Rge. 16☒ EastCounty Montgomery☐ West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests (interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static), 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.)	☐ Yes ☒ No	☒ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Pawnee Ls.	501'	+271'
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Oswego Ls.	612'	+160'
List All E.Logs Run:		Cherokee Gp.	675'	+97'
Dual Ind.		Bartlesville Sd.	902'	-130'
Dens/Neu w/GR		Tucker Sd.	973'	-201'
		Riverton Coal	1048'	-276'
		Mississippian	1068'	-296'

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	9-7/8	7"		32'	Portland	25	

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

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☐ No		
Date of First, Resumed Production, SWD or Inj.			Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	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. ☐ Conningled
☐ Other (Specify) D & A

COPY

20-31-16W

KEPHART DRILLING INC.
R.R.# 1 BOX 68A
THAYER, KANSAS 66776

Great Eastern	From	-	To	-	Formation
Buckles A1	0'	-	15'	-	clay
S20 T31 R16E	15'	-	22'	-	sand & gravel
	22'	-	24'	-	lime
	24'	-	27'	-	shale
MG County	27'	-	29'	-	lime
	29'	-	80'	-	shale
1730 N of S	80'	-	151'	-	lime
2070 W of E	151'	-	168'	-	shale
	168'	-	169'	-	coal
API # 115-125-29,607	169'	-	206'	-	shale
	206'	-	224'	-	lime
32'8" - 7" surface	224'	-	273'	-	shale
	273'	-	279'	-	lime
Cemented by Consolidated	279'	-	338'	-	shale
Started: 9-13-91	338'	-	370'	-	lime
	370'	-	381'	-	shale
Finished: 9-15-91	381'	-	403'	-	lime
	403'	-	521'	-	shale
	521'	-	522'	-	coal
	522'	-	523'	-	shale
	523'	-	546'	-	lime
	546'	-	567'	-	shale
	567'	-	570'	-	sandy shale
	570'	-	613'	-	shale
	613'	-	615'	-	Oswego lime
	615'	-	616'	-	shale
	616'	-	643'	-	lime
	643'	-	654'	-	shale
	654'	-	670'	-	lime
	670'	-	677'	-	shale
	677'	-	678'	-	coal
	678'	-	684'	-	lime
	684'	-	699'	-	shale
	699'	-	701'	-	coal
	701'	-	722'	-	shale
	722'	-	723'	-	coal
	723'	-	762'	-	shale
	762'	-	764'	-	coal
	764'	-	789'	-	shale
	789'	-	793'	-	sand
					(oil odor)
	793'	-	822'	-	shale
	822'	-	836'	-	sand
	*802'	-	858'	-	(oil odor)
	*805'	-		-	12" on 3/4"
	836'	-	86 0'	-	sandy shale
	*846'	-		-	10" on 3/4"
	*846'	(Next Day)		-	3" on 3/4"



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CONSERVATION DIVISION
STATE COMMISSION

Great Eastern
Buckles A1 cont.

*858				oil odor gone
860'	-	868'	-	shaley sand with
				oil odor
868'	-	880'	-	sand
880'	-	913'	-	sandy shale
913'	-	928'	-	sand
928'	-	974'	-	shale
974'	-	1000'	-	sand - gas
1000'	-	1001'	-	coal
1001'	-	1048'	-	shale
*988'				12" on 1" -
				90. MCF/Day
1048'	-	1051'	-	coal
1051'	-	1068'	-	shale
*1063'				10" on 1"
1068'	-	1076'	-	chat
1076'	-	1110'	-	lime
*1090'				8" on 1"
1110'		Total Depth		

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