

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

API NO. 15-119-210040000

County Meade

S/2- SE- - - - Sec. 14 Twp. 34S Rge. 27 X ^E

Operator: License # 5278

Name: EOG Resources, Inc.

Address 20 N. Broadway, Ste 800

City/State/Zip Oklahoma City, OK 73102

Purchaser: N/A

Operator Contact Person: Roy Porter

Phone (405) 239-7800

Contractor: Name: Abercrombie RTI, Inc.

License: 30684

Wellsite Geologist: _____

Designate Type of Completion

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

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

- Deepening Re-perf. Conv. to Inj/SWD
- Plug Back PBTD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

10/13/1999 10/24/1999 11/18/1999
 Spud Date Date Reached TD Completion Date

660' Feet from (S)W (circle one) Line of Section

1320' 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 Classen 14 Well # 1

Field Name McKinney KCC

Producing Formation T.A. - Morrow DEC 17 1999

Elevation: Ground 2380 est. KB _____

Total Depth 6250' PBTD _____

Amount of Surface Pipe Set and Cemented at 1425' 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 AH-1 2-8-00 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 11,000 ppm Fluid volume 1,800 bbls

Dewatering method used Evaporation

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, 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 Jim Redfern

Title Sr. Production Engineer Date 12/27/99

Subscribed and sworn to before me this 27th day of December 19 99.

Notary Public _____

Date Commission Expires June 4, 2001

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)

RELEASED

DEC 27 2000

Form ACO-1 (7-91)

FROM CONFIDENTIAL

X

ORIGINAL

SIDE TWO

Operator Name EOG Resources, Inc. Lease Name Classen 14 Well # 1

Sec. 14 Twp. 34S Rge. 27 East West County Meade

CONFIDENTIAL

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 No
Cores Taken Yes No
Electric Log Run Yes No (Submit Copy.)
List All E.Logs Run:
DIL/ML/CND

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Chase	2722'	KB	
Council Grove	3060'	KB	
Heebner	4600'	KB	
Morrow	5965'	KB	
Chester	6032'	KB	

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#	1425'	Class A	525 150	3% CC 1/4 Fl 2% gel 3% CC
Production	7 7/8"	2 7/8"	6.5#	6250'	Midcon Scavenger	50	.75% Veraset 5% KCL, 3% Hall
					Class H	250	5% Gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

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
2	6096'-6100', 6110'-6130'	10 bbls 2% KCL w/1 gal/1,000 clay stabilizer & 1 gal/1000 surfactant
	CIBP @ 6080'	
4	6025'-6030'	30,000 gal pad, 500 gals w 1/ppg Sd., 1000 lbs CO2, 1250 gal w 2/ppg Sd., 1450 gals linear

TUBING RECORD	Size N/A	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	gel flush
Date of First, Resumed Production, SWD or Inj. T.A.	Producing Method <input 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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) T.A. Production Interval _____

ALLIED CEMENTING CO., INC.

2682

Federal Tax I.D.# 48-0727860

SHIP TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

WATER PUMP

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
10-1-99	14	34S	27W	2:00 PM	5:30 PM	12:00 PM	1:15 AM
LEASE CLASS #		WELL #	LOCATION		COUNTY	STATE	
CLASS # N		14-1	CAMP/MEADOW C. LOT ON 160		MEADE	KANSAS	
OLD OR (NEW) (Circle one)		NEW 105, 26, 4 1/2, 2 1/2, 1 1/2					

CONTRACTOR ABERCROMBIE #5 OWNER E.O.G. INC.

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" TD 1425'

CASING SIZE 8 7/8" 2 1/2" DEPTH 1425'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 750# MINIMUM _____

MEAS. LINE _____ SHOE JOINT 4"

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 87 BBLs 160

EQUIPMENT

PUMP TRUCK # 302 CEMENTER Steve Densar

BULK TRUCK # 210 251 DRIVER Carl Baldwin

BULK TRUCK # 311 DRIVER J.D. Deuling

CEMENT

AMOUNT ORDERED

525# 1700WATE + 3 1/2" 1425' + 1 1/2" 1425'

150# 1700WATE + 3 1/2" 1425' + 2 1/2" 1425'

COMMON A 150 @ 7.55 1132.50

POZMIX @ _____

GEL 3 @ 9.50 28.50

CHLORIDE 22 @ 28.00 616.00

1700WATE 525 @ 6.65 3491.25

FOO SEAL 131# @ 1.15 150.65

_____ @ _____

_____ @ _____

HANDLING 675 @ 1.05 708.75

MILEAGE 675 x .50 .04 1350.00

TOTAL \$ 7477.65

REMARKS:

SERVICE

Run 8 7/8" Csg. - 1425' - 1425'
PUMP 5 BBLs Fresh Red
MIX 525# 1700WATE + 3 1/2" 1425' + 1 1/2" 1425'
MIX 150# 1700WATE + 3 1/2" 1425' + 2 1/2" 1425'
DISPLACEMENT 87 BBLs 160
FOO SEAL 131#
CEMENT RED 1700WATE!

DEPTH OF JOB	<u>1425'</u>	
PUMP TRUCK CHARGE		<u>590.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>50</u>	@ <u>2.85</u> <u>142.50</u>
PLUG 8 7/8" TRP	@ <u>90.00</u>	<u>90.00</u>
_____	@	
_____	@	

TOTAL \$ 912.50

CHARGE TO: ABERCROMBIE, R/O.

STREET 150 N MAIN ST 301

CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

1- TRUCK @ 217.00 217.00

1- BASKET @ 150.00 150.00

3- CONTRACTORS @ 30.00 90.00

_____ @ _____

_____ @ _____

TOTAL \$ 457.00

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE W.C. Craig

TAX _____

TOTAL CHARGE \$ 877 7.15

DISCOUNT W.C. CRAIG IF PAID IN 30 DAYS

NET \$ 7477.65

W.C. CRAIG

PRINTED NAME

RELEASED

DEC 27 2000

FROM CONFIDENTIAL



JOB SUMMARY

REGION North America	HW/COUNTRY USA	TICKET # 239114	TICKET DATE 10-25-99
WELL ID / EMP # ML10103 106304	EMPLOYEE NAME Trey Davis	BOA / STATE KJ	COUNTY Madge
LOCATION Liberal KS.	COMPANY EOG	FIL DEPARTMENT ZF	CUSTOMER REP / PHONE Sam Hummel
TICKET AMOUNT 4373.79	WELL TYPE 02	AR / UWI #	JOB PURPOSE CODE 035
WELL LOCATION Land. S. Meade.	DEPARTMENT ZF	BEO / TWP / RNG 14-34-27	
LEASE / WELL # CJVJen 14 #1			

WELL EMP NAME/EMP#(EXPOSURE HOURS)	HRS	WELL EMP NAME/EMP#(EXPOSURE HOURS)	HRS	WELL EMP NAME/EMP#(EXPOSURE HOURS)	HRS	WELL EMP NAME/EMP#(EXPOSURE HOURS)	HRS
T. Davis 106304	14						
S. Entel 106099	14						
R. Erickson 706154	14						

WELL UNIT NUMBERS	RT MILES	WELL UNIT NUMBERS	RT MILES	WELL UNIT NUMBERS	RT MILES	WELL UNIT NUMBERS	RT MILES
5421K-7702	140						
54029-6610	70						

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

DATE	TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
10-25-99	1700	10-25-99	10-25-99	10-26-99	10-26-99
			2000	0845	0940

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Coker		H
Float Shoe		
Guide Shoe 2 1/2"	1	0
Centrizers Turbo "	20	
Bottom Plug		W
Top Plug 1 1/2"	1	
Head P.	1	L
Packer		
Other L.O. Buffer "	1	0

WELL DATA

NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	2 1/2"	6.5			
Liner					
Liner					
Top D.P.	10	6.5	275	RG	6253
Open Hole					SHOTS/FT.
Perforations					
Perforations					
Perforations					

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal	%
Acid Type	Gal	%
Surfactant	Gal	In
NE Agent	Gal	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfor. Balls	Qty.	
Other		
Other		
Other		
Other		

HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				Clear
				2 7/8
				L.J.
TOTAL		TOTAL		

ORDERED _____ **HYDRAULIC HORSEPOWER** _____
 Avail. _____ Load _____
TREATED _____ **AVERAGE RATES IN BPM** _____
 Disp. _____ Overall _____
FEET 31 **CEMENT LEFT IN PIPE** _____
 Reason _____ 5-J

CEMENT DATA

STAGE	BACKS	CEMENT	BULK/GKS	ADDITIVES	YIELD	LBS/GAL
1	30	PTMC	B	.3% FWHT 10" Gilliam, Jr.	3.28	11.0
1	250	PTMC	B	.75% VPRIS 400, 5% KCL, 5% Gils. .3% H901 P	1.57	14.0
				.25% D. Riv 1		

Circulating Breakdown _____	Displacement _____	Preflush: _____	Gal - BB1 _____	Type _____
Average _____	Maximum _____	Load & Bkdn: _____	Gal - BB1 _____	Perf: BB1 - Gal _____
Shut In: Instant _____	Free Gradient _____	Treatment _____	Gal - BB1 _____	Disp: BB1 - Gal _____
	5 Min _____ 15 Min _____	Cement Slur _____	Gal - BB1 _____	Disp: BB1 - Gal _____
		Total Volume _____	Gal - BB1 _____	

THE INFORMATION STATED HEREIN IS CORRECT
 CUSTOMER'S REPRESENTATIVE SIGNATURE: *Sam Hummel*
 RELEASED

DEC 27 2000



JOB LOG 4220-3

REGION North America		WELL/COUNTRY	TICKET #	TICKET DATE
WELL ID / EMP #		EMPLOYEE NAME	DDA / STATE	COUNTY
LOCATION		COMPANY	PSL DEPARTMENT	
TICKET AMOUNT		WELL TYPE	CUSTOMER REP / PHONE	
WELL LOCATION		DEPARTMENT	API / UWI #	
LEASE / WELL #		BEG / TWP / RNG	JOB PURPOSE CODE	

HEB EMP NAME/EMP#/EXPOSURE HOURS	HRS	HEB EMP NAME/EMP#/EXPOSURE HOURS	HRS	HEB EMP NAME/EMP#/EXPOSURE HOURS	HRS	HEB EMP NAME/EMP#/EXPOSURE HOURS	HRS
	14						
	14						
	14						

CHART NO.	TIME	RATE (GPM)	VOLUME (GAL)	PUMPS		PRESS (PSI)		JOB DESCRIPTION / REMARKS
				T	C	Top	Cap	
	1700							Called out for job.
	2000							on loc. Kit L.D.O.P
	2230							out of hole 10' rig up 2 sps.
	020							start 2 1/2" rod 11-E.
	0230							brk circ
	0245							run circ.
	0330							brk circ
	0245							run circ
	0430							They on loc. hook up 2 1/2" P.O. 2' circ 2' on
	0438							brk circ 11-E
	0427							circ to pit = circ 4' on
	0445							They circ hook from to P.D.
	0447							PS. Test from
	0452	5.0	29	✓		200		Pump 501x P.M.L. wt 11.0"
	0459	4.0	70	✓		300		Pump 2501x P.M.V.S. wt 14" 1921
	0416	0	99	✓		0		Shut down deep plug
	0421	4.5	36	✓		20		Pump disp.
	0425	4.0	36	✓		500		15 bbls in lift conf
	0428	1.5	36	✓		250		27 bbls in 510 conf.
	0434	1.5	36	✓		250		Load plug.
	0435	0	36	✓		250		Release float - HELD.
	0440		36	✓				006 quot

RELEASED

DEC 27 2000

FROM CONFIDENTIAL