

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

Operator: License # 31680
Name: EAGLE ENERGY, INC.
Address 6565 S. Dayton St.,
Suite 3850
City/State/Zip Englewood, CO 80111

Purchaser: D&A
Operator Contact Person: Hank Gullion
Phone (303) 799-8015

Contractor: Name: ALLEN DRILLING COMPANY
License: 5418
Wellsite Geologist: JRZ Enterprises
Jeffrey R. Zoller

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

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

Operator: N/A
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. _____
11/24/95 11/30/95 12/01/95
Spud Date Date Reached TD Completion Date

API NO. 15- 15-165-216860000
County EAGLE ENERGY, INC. Rush
SW NW NW Sec. 33 Twp. 16S Rge. 19 ^E_W

950 Feet from S(N) (circle one) Line of Section
330 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 R. GRABBE Well # 1

Field Name _____

Producing Formation D & A

Elevation: Ground 2044' KB 2049'

Total Depth 3837' PBD --

Amount of Surface Pipe Set and Cemented at 1286 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/ _____ ex cmt.

Drilling Fluid Management Plan D&A 3-27-96
(Data must be collected from the Reserve Pit) LW

Chloride content 6500 ppm 800 bbls
KANSAS CORPORATION COMMISSION RECEIVED
DEC 19 1995
N/A CONSERVATION DIVISION WICHITA, KS

Dewatering method used Air Dry

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 Hank Gullion

Title President Date 12/11/95

Subscribed and sworn to before me this 13 day of DECEMBER

19 97
Notary Public Debbie Detagna
DEBBIE B. DETAGNA

Date Commission Expires 9/14/97

E.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NSPA
 KGS Plug Other
(Specify)

Operator Name EAGLE ENERGY, INC. Lease Name R. GRABBE Well # 1

Sec. 33 Twp. 16S Rge. 19 East West
 County Rush

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.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached reports

List All E.Logs Run: Guard sidewall neutron

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"	28#	1286'	HLC 60/40poz	375 125	1/2# flocele/sk 2% gel 3% cc

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD 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: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval _____



JOB SUMMARY

HALLIBURTON DIVISION MUDCONTRACT
 HALLIBURTON LOCATION HAYS

15-165-21686-0000
 BILLED ON TICKET NO 914813

WELL DATA

FIELD _____ SEC 33 TWP. 153 RNG 1912 COUNTY Rush STATE Ks

FORMATION NAME _____ TYPE _____
 FORMATION THICKNESS _____ FROM _____ TO _____
 INITIAL PROD OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 PRESENT PROD OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
 COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
 PACKER TYPE _____ SET AT _____
 BOTTOM HOLE TEMP. _____ PRESSURE _____
 MISC. DATA _____ TOTAL DEPTH 1287

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	0	28	8 7/8	0	1287	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT <u>Joint</u> <u>8 7/8</u>	<u>1</u>	<u>BAKER</u>
GUIDE SHOE		
CENTRALIZERS <u>3-4</u> <u>8 3/4</u>	<u>2</u>	<u>HES</u>
BOTTOM PLUG		
TOP PLUG <u>5.0</u> <u>8 3/4</u>	<u>1</u>	<u>HES</u>
HEAD		
PACKER		
OTHER <u>CMY Basket</u> <u>8 1/2</u>	<u>1</u>	<u>BAKER</u>

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-20</u>	DATE <u>11-25</u>	DATE <u>11-25</u>	DATE <u>11-25</u>
TIME <u>1315</u>	TIME <u>1430</u>	TIME <u>1300</u>	TIME <u>1050</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO & TYPE	LOCATION
<u>G. Palmberg</u> <u>41189</u>	<u>40029</u>	<u>HAYS</u>
<u>G. Blessing</u> <u>52160</u>	<u>51145</u>	<u>HAYS</u>
<u>T. Phomastiel</u> <u>H 10122</u>	<u>3860</u>	<u>HAYS</u>
<u>N. Koche</u> <u>H 3115</u>	<u>51252</u>	<u>HAYS</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
 DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
 PROP. TYPE _____ SIZE _____ LB.
 PROP. TYPE _____ SIZE _____ LB.
 ACID TYPE _____ GAL _____ %
 ACID TYPE _____ GAL _____ %
 ACID TYPE _____ GAL _____ %
 SURFACTANT TYPE _____ GAL _____ IN
 NE AGENT TYPE _____ GAL _____ IN
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT CEMENT
 DESCRIPTION OF JOB CEMENT PLACEMENT
CEMENT DID CIRCULATE

JOB DONE THRU: TUBING CASING ANNULUS TBG-ANN

CUSTOMER REPRESENTATIVE X Mike [Signature]

HALLIBURTON OPERATOR Gail Palmberg COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU FT. SK	MIXED LBS GAL
	<u>375</u>	<u>HLC</u>		<u>8</u>	<u>1/4" Flocculant</u>	<u>1.35</u>	<u>12.6</u>
	<u>125</u>	<u>40lb Pozmix A</u>		<u>5</u>	<u>27.50</u>	<u>1.16</u>	<u>14.2</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL -GAL _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL -GAL _____ PAD BBL -GAL _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT BBL -GAL _____ DISPL. BBL -GAL 71
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY: BBL 152
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL 231
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 18 REASON shoe joint
SEE JOB LOG
Thank you
Gail, Gary, Jim & Nick

CUSTOMER: Eagle Energy
 LEASE: R. Grubbe
 WELL NO: 1
 JOB TYPE: Surface



JOB LOG HAL-2013-C

CUSTOMER: Eagle Energy WELL NO.: 1 LEASE: R. Grabbe JOB TYPE: Surface TICKET NO.: 914893

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1315							Called out
	1430							On location Rig Reaching TD Equipment on location Set up Equipment
	1630							Start 870' 28" G, Casing on bottom
	1840							Rig up to circulate DRIP BALL Hook up to pump truck
	1900	6				300		Start mixing cement 375 sks H/C 37.00 1/4 Fluocel sk 125 sks 40/60 Perm A 27.00 37.00
	1935	6	152			300		Cement mixed
	1936							Release Plug
	1937	6 1/2				300		Start Displacement
	1955		77			1100		Plug down Release Pressure - Float held Close in @ well head Wash up Equipment Rack up Equipment Job Completed
								Cement did circulate
								Thank you Daryl, Steve Jim & Nick

ORIGINAL

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DEC 14 1995



TRKS 51252-76103-----3860

TICKET CONTINUATION

CUSTOMER COPY

TICKET No.

HALLIBURTON ENERGY SERVICES

CUSTOMER Lagle Energy	WELL Grabbe #1	DATE 11-25-95	PAGE 1 OF 1
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FORM 1811 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	UNIT PRICE		AMOUNT		
		LOC	ACCT	DF		QTY.	U/M		QTY.	U/M			
504-316		1			Halliburton Light Cement	375			8	03	3,011	25	
504-136		1			40/60 Pozmix Standard	125			7	16	895	00	
506-121		1			2sk Halliburton Gel02%							m/c	
509-406		1			Calcium Chloride	12			36	75	441	00	
507-210		1			Flocele	94	1b		1	65	155	10	
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">ORIGINAL</div> <div style="text-align: center;"> <p style="font-size: 1.5em; font-weight: bold;">DEC 7 9 1995</p> <p style="font-size: 0.8em;">KANSAS STATE UNIVERSITY LIBRARY</p> </div> </div>													
500-207		1			SERVICE CHARGE				CUBIC FEET	530	1	35	718
500-206		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES					
						44,041	22	484.451		95	460	20	

No. B 302294

CONTINUATION TOTAL

5,678.68

WELL DATA

FIELD _____ SEC **33** TWP. **1bs** RNG. **19w** COUNTY **RUSH** STATE **KS**

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING			8 7/8	KB	1296	
LINER						
TUBING						
OPEN HOLE			7 7/8	1200	3837	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12-1	DATE 12-1	DATE 12-1	DATE 12-1
TIME 0200	TIME 0330	TIME 0715	TIME 0900

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG UP 11	1	HOWCO
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
W. WILSON	89377	PLK-JP
	39004	HAYS, KS
	COMBO	
D. ACH	131609	"
	53293	
	BULK	
R. KUHN	51361	51252-7023

ORIGINAL

DEPARTMENT **CEMIST**

DESCRIPTION OF JOB **PTA**

JOB DONE THRU: TUBING CASING ANNULUS TBG ANN

CUSTOMER REPRESENTATIVE **X** **MOXE KERN**

HALLIBURTON OPERATOR **Wayne E. Wick** COPIES REQUESTED **1**

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	YIELD CU FT SK	MIXED LBS GAL
	100	4090 P02	6090 SA	B	690 T-GAL	1.07 12.6

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH BBL -GAL _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN BBL -GAL _____ PAD BBL GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT BBL -GAL _____ DISPL BBL -GAL _____

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____ CEMENT SLURRY BBL -GAL **29.7**

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME BBL -GAL _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS **SEE JOB LOG**

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____ **THANK YOU**

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

FIELD OFFICE

CUSTOMER: **COLE ENERGY**
LEASE: **R (S) PTA**
WELL NO: **1**
JOB TYPE: **PTA**
DATE: **12-1-95**

JOB LOG HAL-2013-C

CUSTOMER	WELL NO.	LEASE	JOB TYPE	TICKET NO.
EAGLE ENERGY	1	R. GRABBE	PTA	914961

CHART NO.	TIME	RATE (BPM)	VOLUME (GALLONS)	PUMPS	PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
					TUBING	CASING	

CHART NO.	TIME	RATE (BPM)	VOLUME (GALLONS)	PUMPS	TUBING	CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0200						CALLED OUT
	0330						ON LOCATION
NONE	0715		15	✓			1 ST PLUG 50 x 2 e 1300'
	0745		7 1/2	✓			2 ND PLUG 25 x 2 e 650'
	0825		3	✓			3 RD PLUG 10 x 2 e 40'
	0930		4 1/2	✓			4 TH PLUG 15 x 2 e RATHOLE
							WASH-UP
							BACK-UP
	0900						JOB COMPLETE

ORIGINAL

THANK YOU
WAYNE, DAVE
RICH

RECEIVED
DEC 7 9 1995

PUMP TIME - 1/2 HOUR

