

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

API NO. 15- 033 20886 0000

Operator: License # 31232  
Name: Cody Energy, Inc.  
Address 7555 E. Hampden Ave.,  
Suite 600  
City/State/Zip Denver, CO 80231  
Purchaser: Koch Oil Company  
Operator Contact Person: Rock Petty  
Phone ( 915 ) 686 0181  
Contractor: Name: Brandt Drilling  
License: 5840  
Wellsite Geologist: None

County Comanche  
NW NE SE SW  
SW - SE Sec. 16 Twp. 34 Rge. 20  
2310 Feet from S/N (circle one) Line of Section  
1700 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S/N (circle one)  
Lease Name Selzer 'A' Well # #16-3  
Field Name Schumacher North

Producing Formation Arbuckle  
Elevation: Ground 1761 KB 1774  
Total Depth 6500' PBDT 6470'

Amount of Surface Pipe Set and Cemented at 704' Feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA  
feet depth to NA w/ NA sx cmt.

Drilling Fluid Management Plan ALT 1 JH 3-31-95  
(Data must be collected from the Reserve Pit)

Chloride content 7200 ppm Fluid volume 600 bbls  
Dewatering method used soaked into pit immediately

Location of fluid disposal if ~~h~~ **RECEIVED**  
KANSAS CORPORATION COMMISSION  
Operator Name NA 9-23-94

Lease Name SEP 23 1994 License No. \_\_\_\_\_  
Quarter Sec. \_\_\_\_\_ E/W \_\_\_\_\_  
County WICHITA, KS Docket No. \_\_\_\_\_

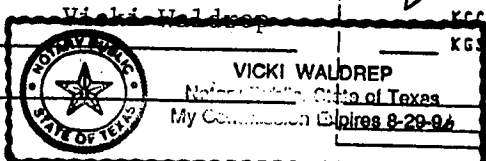
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOV  Temp. Abd.  
 Gas  ENHR  SICH  
 Dry  Other (Core, LSW, Expl., cathodic, etc)

If Workover/Re-Entry: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: ROC  
Comp. Date SEP 22 Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Cementing  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
Spud Date 5/28/94 Date Reached TD 6/14/94 Completion Date 6/29/94

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 Rock Petty Rock Petty  
Title District Engineer Date 9/22/94  
Subscribed and sworn to before me this 22 day of September,  
19 94  
Notary Public Wicki Waldrep  
Date Commission Expires 8/29/96



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

SIDE TWO

Operator Name Gody Energy, Inc. Lease Name Selzer 'A' Well # 16-3  
 Sec. 16 Twp. 34 Rge. 20  East County Comanche  
 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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Toronto	4110'	-2336
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	4271'	-2497
List All E.Logs Run:		Swope	4707'	-2933
Micro-Resistivity, Borehole Geometry,		Marmaton	4817'	-3043
Comp. Long Spaced Sonic, Array Induction		Pawnee	4903'	-3129
Shallow Focused, Comp. Neutron - Comp.		Cherokee	4963'	-3189
Photo-Density, <b>DIPMETER SURVEY</b>		Chester	5058'	-3284
		Osage	5515'	-3741
		Viola	5987'	-4213
		Simpson	6161'	-4387
		Arbuckle	6305'	-4531

CASING RECORD <input checked="" 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
Conductor	30	20		40	2.5 cu. yd cement		
Surface	12 1/4	8 5/8	25#	704'	H	<del>150</del> 510	2% gel, 2% Cacl
Production	7 7/8	5 1/2	15.5#	6500'	H 50/50	200 2% gel, 5% salt 770 2% gel, 5% salt	2% Cacl

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	6306' - 6340'		750 gal 15%	6306-6340'

TUBING RECORD		Size 2 7/8	Set At 6394'	Packer At -	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 7/2/94			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil 157 Bbls.	Gas 135	Water 10 Bbls.	860	Gas-Oil Ratio 42 Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval: 6306-6340

CONFIDENTIAL

KANSAS CORPORATION COMMISSION

ORIGINAL

913-483-2627, Russell, KS  
one 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS SEP 23 1994 Phone 316-886-5926, Medicine Lodge, KS

Phone 913-672-3471, Oakley, KS Phone 913-798-3843, Ness City, KS

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

6363

Home Office P. O. Box 31

Russell, Kansas 67665

15-033-20886-0000

NEW

Date	5/28/94	Sec.	16	Twp.	34s	Range	20W	Called Out	2:00 AM	On Location	4:00 AM	Job Start	4:30 PM	Finish	5/29 4:30 AM
Lease	Scizer A <sup>2M</sup>	Well No.	16-3	Location	Protection 5s 1/2W 2s 1/2W 1/4s	County	Comanche	State	KS						

Contractor	Brant Drilling		
Type Job	Cmt 8 5/8 Surface Csg		
Hole Size	12 1/4	T.D.	710
Csg.	8 5/8 24"	Depth	704
Tbg. Size		Depth	
Drill Pipe		Depth	RELEASED
Tool		Depth	
Cement Left in Csg.	43	Shoe Joint	436 1995
Press Max.	300	Displace	42.186L
Meas Line			
Perf.			

Owner	Same
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 listed.
Charge To	Cody Energy Inc
Street	7555 E. Hampden Ave Suite 200
City	Denver State Co. 80231
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	

### EQUIPMENT

Pumptrk	No. 234	Cementer	Max Ball
		Helper	Justin Hart
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	257	Driver	John Kelley
Bulktrk		Driver	

CEMENT	
Amount	200SK 65/35 6% gel 2% cacl <sup>2</sup> 4" Flo-seal
Ordered	250 SKS CLASS A + 2% gel 2% cacl <sup>2</sup> 60 SKS CLASS A neat 4 SKS cacl <sup>2</sup>
Consisting of	
Common	440 2530.00
Poz. Mix	70 210.00
Gel.	15 135.00
Chloride	14 350.00
Quickset	SEP 22
FLO-SEAL	50# CONFIDENTIAL 55.00
Sales Tax	

DEPTH of Job	704'
Reference:	704 RT Pump Charge 587.56
60 mi	Mileage 135.00
1 Ea	8 5/8 Rubber Plug 83.00
	Sub Total
	Tax
	Total 805.56

Handling	510 510.00
Mileage	510 X 60 1224.00
Less	#6875.56
Net 30 Days	1375.11
	#5500.45
Sub Total	
Total	5014.00

Remarks: Cmt 8 5/8 surface Csg with 200SKs 65/35 6% gel 2% cacl<sup>2</sup> 4" Flo-seal + 150SKs class A + 2% gel 2% cacl<sup>2</sup> Drop Plug Displace 42.186L Land Plug Close in Head Cmt did NOT Circulate Topo FF with 100SKs A + 2% gel 2% cacl<sup>2</sup> + 60SKs A

Floating Equipment	
1-8 5/8 Baffle	105.00
1-8 5/8 Centralizer	61.00
1-8 5/8 Cement Basket	180.00
1-Thread Lock	30.00
8 Additional Hrs	680.00
	#1056.00

WELL DATA

FIELD Sch.macher North SEC 16 TWP 34S RNG 20W COUNTY Cornwall 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	4	15.5	5 1/2"	RD	6497	
LINER						
TUBING						
OPEN HOLE			7 1/2"	6497	6500	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT DATE	ON LOCATION DATE	JOB STARTED DATE	JOB COMPLETED DATE
6-15-94	6-15-94	6-15-94	6-16-94
TIME 18:30	TIME 01:30	TIME 03:00	TIME 18:00

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR 5 1/2	1	Weatherford
FLOAT SHOE 5 1/2	1	
GUIDE SHOE		
CENTRALIZERS 5 1/2	31	"
BOTTOM PLUG		
TOP PLUG 2 stage Plug 5 1/2	1	"
HEAD		
PACKER		
OTHER SCRATCHERS	87	"
STAGE COLLAR MATERIALS	1	"

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
G Byrly 85826	37601 P4	PRATT KS
B Mouser 82663	53168 RCM	"
L GANER 62723	50808 BULK	"
J GANER 62723	4142 BULK	"
M Monaghan 62723	5711 BULK	"
	7488	"
	RELEASED	

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API  
PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LB.  
ACID TYPE \_\_\_\_\_ GAL. %  
SURFACTANT TYPE \_\_\_\_\_  
NEAGENT 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. IN  
PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_  
OTHER \_\_\_\_\_  
OTHER \_\_\_\_\_

DEPARTMENT FROM CONFIDENTIAL  
DESCRIPTION OF JOB 5 1/2" long string 2 stage  
JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
CUSTOMER REPRESENTATIVE X Charles  
HALLIBURTON OPERATOR Alan Byrly COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	50/50 P02	PRCM	B	22.6L 27CC 12.5# 6.1 52 Hcl-d-9 52 Salt	1.53	13.19
1	100	EA-L	PRCM	B	22.6L 27CC 12.5# 6.1 752 Hcl-d-322 182 Salt	1.51	14.23
2	270	50/50 P02	PRCM	B	22.6L 52 Salt 52 Hcl-d-9 12.5# 6.1	1.53	13.19

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRES LUSH BBL-GAL. 20 + 9 + 5 TYPE FRESH, Surfactant  
BREAKDOWN \_\_\_\_\_ MAXIMUM 2000 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. \_\_\_\_\_  
HYDRAULIC HORSEPOWER \_\_\_\_\_ TOTAL VOLUME: BBL-GAL. 100 - 222 + 219 = 419  
ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ AVERAGE RATES IN BPM \_\_\_\_\_  
TREATING \_\_\_\_\_ DISPL \_\_\_\_\_ OVERALL \_\_\_\_\_ CEMENT LEFT IN PIPE \_\_\_\_\_

REMARKS

Same Pre Flush as 1-10-12-18 40-48 55-58  
Back to 6133 5667 4/50  
Stage Collar at 5670'

CUSTOMER: ... LEASE: ... WELL NO: ... JOB TYPE: ... DATE: 6-16-94

CONFIDENTIAL

RECEIVED

KANSAS CORPORATION COMMISSION

SEP 23 1994

CONSERVATION DIVISION WICHITA, KS

SEP 22

CONFIDENTIAL

**JOB LOG** HAL-2013-C

CUSTOMER Cody Energy	WELL NO. 16-3	LEASE Scizer	JOB TYPE Long string	TICKET NO. 614310
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1830							Called out <b>ORIGINAL</b>
	0130	RELEASED						On Location
	0200							Set up Truck hold Safety meeting
	0315							Start Casing
	0400							Circulate hole 22 sts in Rig Pump
	0615							Fill casing Circulate Rig Pump
	0730							Casing on Bottom
	0830							BREAK circulation (Rig Pump)
	0920	6	20				250	Run FRESH water
	0921	6	21				250	Run SUPER FLUSH
	0924	6	24				250	Run FRESH WATER SPACER
	0929	6	0				300	Start Mixing lead cement at 13.19'
	0935	6	27.2				275	Start Mixing Tail cement at 14.8'
	0941	6	54.1				250	Finish Mixing
	0943	—	—				—	Wash out lines
	0943	—	—				—	Drop Plug
	0944	6	0				100	Start Displacement with water
	0948	5	19.0				100	Start Displacement with Mud
	1006	5	100.0				100	Decrease Rate Cement on Bottom
	1008	7	113.0				100	Reciprocate pipe ±10'
	1010	6	135.0				300	Decrease Rate Plug through Stage Collar
	1017	4	154.0		1		1000	land Plug 158 by Gauge
	1018						1200	PSI on Plug
	1019						—	Release (held)
	1020						—	Drop opening part.
	1022						—	wash up TRUCK
	1055						900	open stage Collar
	1055	4					250	Circulate hole (Pump Truck)
	1056	4	500				150	Circulate Bottoms up (CMT to Surface)
	1310						—	Circulate with Rig Pump 6hrs
	1530						—	Hook up To well
	1537	6	20				150	Start FRESH water PreFlush
	1541	6	20				150	Run SUPER FLUSH Good Circ
	1545	6	34				150	Run SPACER Good Circ
	1546	6	0				150	Start Mixing Good Circ
	1612	6	135				150	Cement on Bottom Good Circ
	1626	6	209.8				150	Finish Mixing Good Circ



HALLIBURTON

CONFIDENTIAL

DATE 6-16-94 PAGE NO. 2

JOB LOG HAL-2013-C

CUSTOMER Cody Energy WELL NO. 16-3 LEASE Selzer JOB TYPE Longstring TICKET NO. 614310

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	16:28							Wash out lines ORIGINAL
	16:30							Drop plug
	16:31	6.2	0				50	Start Displacement
	16:39	6.2	55				250	Caught PSI
	16:49	7.0	62				450	Increase Rate
	16:51	5.0	120				1200	Decrease Rate
	16:52	3.5	130				1250	" "
	16:53	3.0	133				1275	" "
	16:55		1350				2100	land plug 138 BY Tests
	16:58							PSI up Close Stage collar
	17:00							Release PSI Plug Held GOOD LTRC thru job
	17:10							Wash up
	18:00							Job Complete
								Thanks
								Glen, Bill, Marvin, Jake, Larry
								nuc
								RELEASED
								SEP 2 6 1995
								FROM CONFIDENTIAL
								RECEIVED
								KANSAS CORPORATION COMMISSION
								SEP 23 1994
								CONSERVATION DIVISION
								WICHITA, KS