

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

API NO. 15- 033-20912000 ORIGINAL

County Comanche

NE - SW - NE - SW Sec. 13 Twp. 33S Rge. 18 SW

1900 Feet from S/N (circle one) Line of Section

1900 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 Dale Acres Well # 1

Field Name Anna Mae

Producing Formation None: Dry Hole

Elevation: Ground 1902 KB 1915

Total Depth 6200 PBDT

Amount of Surface Pipe Set and Cemented at 733' 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 D&A J27 11-15-96
(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 5,960 bbls

Dewatering method used Evaporation & Haul off free water

Location of fluid disposal if hauled offsite:

Operator Name KBW Oil & Gas

Lease Name Harmon SWD #1 License No. 5993

NW Quarter Sec. 11 Twp. 33S S Rng. 20 W/E/W

County Comanche Docket No. 22304

Operator: License # 31852

Name: BONNEVILLE FUELS CORP.

Address 1660 Lincoln Street, 1800

Denver, CO 80264

City/State/Zip Denver CO 80264

Purchaser: _____

Operator Contact Person: Bob Schwering

Phone (303) 863-1555

Contractor: Name: Brandt Drilling

License: DI 5840

Wellsite Geologist: Peter Debenham

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOH Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7/6/96 7/21/96 7-23-96

Spud Date Date Reached TD Completion Date Dry Hole

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 A. A. Schwering R A Schwering, P E

Title Senior Eng. & Operations Mgr. Date 7/26/96

Subscribed and sworn to before me this 30th day of July 19 96.

Notary Public Deborah C. Perry

Date Commission Expires Sept 30, 1996

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

Operator Name BONNEVILLE FUELS CORP. Lease Name DALE ACRES Well # 1

Sec. 13 Twp. 33 Rge. 18 East West
 County Comanche

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: DIFL-GR/Cal
LDT-/CNL/ML/PE - GR/CAL

Log Sample
 Formation (Top), Depth and Datum

Name _____ Top _____ Datum _____

*See attached sheet for
 DST + Formation tops*

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
Surface	12 1/4	8 5/8	24#	733	Cl-A 200 Sx Cacl	2-3%	2.6
					Cl-A 150 Sx Cacl	2-3%	1.19
					Cl-A 130 Sx Top, Cacl	2%	1.18
Conductor 26" 20" 78.5 57KB RediMix 6:1 140 Sx @ 1.18 cf/sx							

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

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

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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

Production Interval Other (Specify) _____

Dale Acres #1
 API 15-033-20912000
 Sec 13 T33S R18W
 Comanche Cty, KS

DST #1 5125'-5200'. Opened w/strong blow, GTS in 40 sec, gauged on 3/4" ck. @ 5 min 75 psi; 10 min 60 psi. IO 10 min. ISI 45 min. FO opened w/strong blow GTS @ 2098 mcf/d @ 5 min, 30 min @ 1057 mcf/d; 60 min @ 918 mcf/d. FO 60 min. FSI 120 min. Recovered 123' SWCM w/oil specks, chlorides 5200 ppm (pit sample 3500 ppm); Sample chamber 23.5 cfg @1510 psi. Pressures: IHP 2377#; IFP 583-379#; ISIP 1756#; FFP 696-251#; FSIP 1634#; FHP 2347#; BHT 125°. GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Press (psig)	Press (psia)	Volume	ProverC	Prover
5	0.75	75.00	88.90	1045	11.76	1106
10	0.75	60.00	73.9	870	11.77	919

GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Press (psig)	Press (psia)	Volume	ProverC	Prover
5	0.75	130.00	143.81	2098	14.59	1106
10	0.75	108.00	121.90	1779	14.59	1517
15	0.75	98.00	111.90	1313	11.73	1392
20	0.75	83.00	96.90	1139	11.75	1208
25	0.75	78.00	91.90	1081	11.76	1143
30	0.75	76.00	89.90	1057	11.76	1119
35	0.75	72.00	85.90	1011	11.77	1069
40	0.75	70.00	83.90	988	11.78	1044
45	0.75	67.00	80.90	953	11.78	1007
50	0.75	65.00	78.90	930	11.79	982
55	0.75	64.00	77.90	918	11.78	969
60	0.75	64.00	77.90	918	11.78	969

RECEIVED
 8-19-96
 1996 AUG - 1
 RECEIVED
 1996 AUG 5 10 53
 RECEIVED
 1996 AUG 5 10 53
 RECEIVED
 1996 AUG 5 10 53

DST #2 Viola 5738-5810' Opened w/very weak blow, 1/4" or less. No gas. IO 15 min; ISI 60 min, FO 30 min, FSI 60 min. Recovered 25' mud w/ oil specks, scum of free oil @ top of tool. Sampler: 2400 ml mud, trace oil @ 90 psi, chlorides 3800 ppm. Pressures: IHP 2701#, IFP 28#; ISIP 490#; FFP 40#; FSIP 139#; FHP 2643#; BHT 132°.

Formation Tops: All depths KB, KB=1915'

Name	Top	Datum
Waubensee	3327-3467	-1412
Heebner	4201-4230	-2286
Lansing	4400-4630	-2485
Marmaton	4914-4954	-2999
Ft Scott	5036-5047	-3121
Cherokee	5047-5108	-3132
Mississippian	5108-5250	-3193
Gilmore City	5651-5669	-3736
Viola	5701-5874	-3786
Simpson	5874-6085	-3959
Arbuckle	6085	-4170
TD	6200	-4285

15-033-20912-0000

WELL DATA

FIELD 13 SEC. 13 TWP. 33S RNG. 18W COUNTY Comanche STATE E

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		24	8 5/8	C	787.25	
LINER						
TUBING						
OPEN HOLE			2 1/4	KB	736	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED	
DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
7-1	00:10	7-7	05:00	7-7	07:00	7-7	16:30

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR <u>insert float</u>	1	H.C.S.
FLOAT SHOE <u>with filler</u>	1	H.C.S.
GUIDE SHOE <u>TEXAS RIGGED</u>	1	H.C.S.
CENTRALIZERS	11	H.C.S.
BOTTOM PLUG		
TOP PLUG	1	H.C.S.
HEAD <u>P.C.</u>	1	H.C.S.
PACKER		
OTHER <u>Cement Basket</u>	1	H.C.S.

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

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 CMT 8 5/8" 24H SURF CEMENT
 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
 CUSTOMER REPRESENTATIVE X RA [Signature]
 HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	200	MIDCON II			3% CaCl 1/4" Spherule	280	11.8
	150	STD. CL-A			3% CaCl 1/4" Spherule	118	15.6
	130	SK CL-A			2% CaCl Top Tab		

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 45.02 REASON insert float

VOLUMES

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 44.02
 CEMENT SLURRY: BBL.-GAL. 12.11 + 7.50 = 19.61
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS
11101 111001 111017

CUSTOMER LEASE WELL NO. JOB TYPE DATE



15-033-20912-0000

HALLIBURTON

DATE 7-7-96 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
CANDORICE SUELL O.P.		1		DIME ACCESS		CEMENT		968577	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	0010								(CALLED OUT ORIGINAL
	0500								OP LOCATION
									RIG COMING OUT W.P.
									WIRE TRIP
									START MSG. / TEXAS ... GUIDE
									SHOE CENTRALIZED 10' UP 1ST JT ...
									FLUAT 1 TILL UP 4 CENTRALIZERS ON
									FOLLOWAS 1-2-4-9-15 INT. ...
									ON JT 14.
									BREAK WIRE. 2 HLL TITLED.
	0731					1500			TOTAL PIPE 757.73 BL. 757. LINES
	0738	5	0				250		MIXING CONT. 1000 ...
									MIXED @ 11.8"/gd. TILL STD. 150 SKS ...
									@ 15.6"/gd.
	0814		124.13						Finished mix shut in ...
	0817	4.2	0				225		START DSI (CONSIST UP ...)
		1.2	29						
	0840		44.02				250		Start down act. went 45.1 ...
									most didn't want to pump ...
									100 mt. returns ...
	0841						0		Annual line back @ 40' G.L. ...
									& HELL Run wire line ...
									692' 150 737.73 ...
									shoe 45.52 ...
									692.21
									3.00
									695.21'
									ORDERED MORE INT. TO 1" ...
									wanted P.C. MAKE HOT ...
									Run in 70' 1" 10' up ...
	1420					300-400			shook up pump ...
	1435	1.5	0			275			mix cont pump down 1"
			20.3			325			good mt. returns shut down
									look loose pull 1"
									WASH UP BACK UP
	1630								soil pump

CUSTOMER

For State Plug and Report



JOB LOG HAL-2013-C 5033-20921-000

DATE 7-23-96 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
BURENINE FINE		1		DALE ACRES		V.T.A. CONT.		768583	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				ST	VC	TUBING	CASING		
	1900								MACCED OUT ORIGINAL
	2240								01) LOCATION
									RIG REMOVED D.P.
									AIRC. @ 50' 6103'
									1 st PLUG 40 SKS @ 6105'
	01:49	3	0			450			15 BLS 1 1/8" AHEAD
	01:52	5	15			375			10.77 BLS CONT.
	01:53	2	25.97			300			6 BLS 1 1/8"
	01:58	7	31.97			300 ^{NOV}			77 BLS DIRECT FLOW
	02:10		103.97						SHUT DOWN PUG.
									2 nd PLUG 30 SKS @ 903'
	05:59	5	0			250 ^{NOV}			15 BLS 1 1/8" AHEAD
			15						8.23 BLS CONT.
			23.23						4 BLS 1 1/8"
			29.23						4.71 BLS ^{NOV} AHEAD
	06:07		33.94						SHUT DOWN
									3 rd PLUG 50 SKS @ 715'
	06:33	5	0			150 ^{NOV}			15 BLS 1 1/8" AHEAD
			15						13.71 BLS CONT.
			28.71						7.4 BLS 1 1/8"
	06:41		36.11						SHUT DOWN
	08:35								4 th PLUG 10 SKS @ 40'
			2.74						2.74 BLS CONT.
									ALL TOOLS 1" T.C.
	08:40								5 th PLUG 15 SKS @ 211' HALL
			4.11						4.11 BLS CONT.
	08:45								6 th PLUG 10 SKS @ 110' HALL
			2.74						2.74 BLS CONT.
									WASH UP TRK.
									RACK UP
									PAID OVER
									OFF LOCATION

CUSTOMER