

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 8928
Name Brown Bear Energy, Inc.
Address P. O. Box 20768
City/State/Zip Oklahoma City, OK 73156

Purchaser Amoco

Operator Contact Person Bob Harwell
Phone 405.842-4088

Contractor: License # 6913
Name Casady Drilling Co.

Wellsite Geologist None
Phone None

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp
 Dry Other (Core, Water Supply etc)

If OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12-31-85 1-5-86 1-30-86
Spud Date Date Reached TD Completion Date
930
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 20 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-091.21.716
County Johnson
NW NW NE Sec. 30 Twp 14 Rge. 22 East West
5115 5090 FSL & 2011 FEL - KCC Record
2000 Ft North from Southeast Corner of Section
2000 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

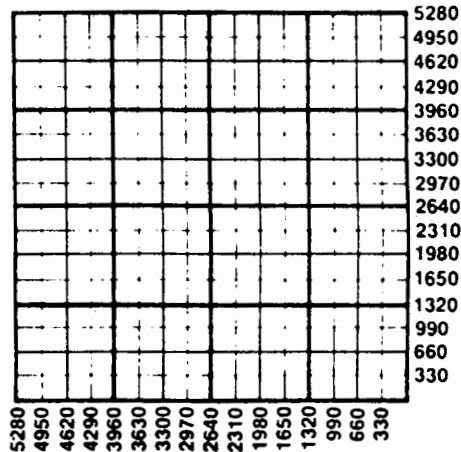
Lease Name Gordon Well # 15A

Field Name Infill

Producing Formation Bartlesville

Elevation: Ground KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner (Well)Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West

Other (explain)..... (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH
JUL 24 1986

SIDE TWO

Operator Name **Brown Bear Energy** Lease Name **Gordon** Well # **15 A**

Sec. **30** ... Twp. **14** ... Rge. **22** ... East West County **Johnson**

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

				Name	Top	Bottom
0-17	Soil	306-334	Shale	674-746	Shale	
17-19	Shale	334-336	Lime	746-756	Sand	
19-20	Lime	336-346	Shale	756-829	Shale	
20-60	Shale	346-373	Lime	829-833	Slate	
60-67	Lime	373-380	Shale	833-870	Shale	
80-98	Shale	380-386	Lime	870-871	Lime	
98-128	Lime	386-392	Shale	871-874	Sand Oil	
128-132	Shale	392-395	Lime	874-881	Broken Sand	
132-150	Lime	395-393	Slate	881-893	Shale	
150-155	Shale	398-412	lime	893-933	Lime	
155-198	Lime	412-420	Hertha	933-960	Shale TD	
198-213	Shale	420-592	Shale			
213-238	Lime	592-612	Lime			
238-255	Shale	612-628	Shale			
255-267	Lime	628-632	Lime			
267-284	Shale	632-635	Slate			
284-292	Lime	635-644	Lime			
292-299	Shale	644-669	Shale			
299-306	Lime	669-674	Lime			

JUL 24 1986

KANSAS STATE GEOLOGICAL SURVEY
WILLIAM BRANCH

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
Casing	6 1/2			20 ft	Portland	5 sacks	

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	880-884	100 bbls of water gel 5 sacks 12x20 15 sacks 8x12	

TUBING RECORD

1 Size Set At Packer at Liner Run Yes No

Date of First Production 1-31-86	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 15 Bbls	Gas MCF	Water 0 Bbls	Gas-Oil Ratio CFPB	Gravity 23

METHOD OF COMPLETION

Disposition of gas: Vented
 Sold
 Used on Lease

Open Hole Perforation
 Other (Specify)

Dually Comp
 Commingled

RECEIVED
 STATE CORPORATION COMMISSION
 CONS. DIV. WICHITA, KS
 880-884
 JUN 30 1986
 CONSERVATION DIVISION
 Wichita, Kansas
 JUL 22 1986

DRILLER'S LOG X

PG 1 of 2

CASADY DRILLING

1632 CHESTNUT
OTTAWA, KS. 66067
913-242-5998

LEASE NAME Gordon

WELL NUMBER 15-A

OPERATOR Brown Bear Energy

ADDRESS P.O. Box 20768,

SIZE HOLE 5 1/4" Oklahoma City, OK
73156

DATE SPUD Nov. 21, 1985
DATE COMP Nov. 25, 1985
API # 15-091-21,696 LOCATION ^{NW} SW, NW, NE SEC. 30 TWP. 14 RG. 22E

COUNTY Johnson STATE Kansas SURFACE CASING 6 5/8" SIZE 22ft. LEN.

THICKNESS	FORMATION	TOTAL DEPTH	REMARKS	THICKNESS	FORMATION	TOTAL DEPTH	REMARKS
17	soil	17		28	shale	334	
2	shale	19		2	lime	336	
1	lime	20		10	shale	346	
40	shale	60		27	lime	373	
7	lime	67			slate	380	
13	shale	80		6	lime	386	
18	lime	98		6	slate	392	
38	lime	128		3	lime	395	
4	shale	132		3	slate	398	
18	lime	150		14	lime brkn	412	
5	shale	155		8	lime	420	hertha
43	lime	198		172	shale	592	
15	shale	213		20	lime	612	
25	lime	238		16	shale	628	
17	shale	255		4	lime	632	
12	lime	267		3	slate	635	
17	shale	284		9	lime	644	
8	lime	292		25	shale	669	
7	shale	299		5	lime brkn	674	
7	lime	306		72	shale	746	

FEB 26 1986
 State of Kansas
 WICHITA TRANSFER

RECEIVED
STATE CORPORATION COMMISSION

FEB 11 1986

30-14-22e

DRILLER'S LOG

pg 2 of 2

CASADY DRILLING

1632 CHESTNUT
OTTAWA, KS. 66067
913-242-5998

LEASE NAME Gordon
WELL NUMBER 15-A
OPERATOR _____
ADDRESS _____
SIZE HOLE _____

DATE SPUD. _____
DATE COMP. _____

API # _____ LOCATION _____ SEC. _____ TWP. _____ RG. _____

COUNTY _____ STATE _____ SURFACE CASING _____ SIZE _____ LEN. _____

THICKNESS	FORMATION	TOTAL DEPTH	REMARKS	THICKNESS	FORMATION	TOTAL DEPTH	REMARKS
10	sand brkn	756	odor-no show				
73	shale	829					
4	slate	833					
37	shale	870					
1	lime	871					
3	sand oil	874					
4	sand brkn	881					
41	shale	930					
3	lime	933					
27	shale	960	t.d.				
completed with 2 7/8" tubing to depth of 946.0 ft. three centralizers used.							

FEB 28 1986
State (Archival) Survey

RECEIVED
STATE CORPORATION COMMISSION

FEB 11 1986