

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 # 5335  
Name Hawkeye Drilling

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 OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

6-25-85 6-27-85 8-1-85  
Spud Date Date Reached TD Completion Date

750  
Total Depth PBDT

Wireline Log Rec'd  
Amount of Surface Pipe Set and Cemented at 40 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

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	10		0		26
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease

674-680

API NO. 15-045-20-845

County Douglas

SW SW SW Sec 11 Twp 14 Rge 20  East  West

495 Ft North from Southeast Corner of Section  
4785 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

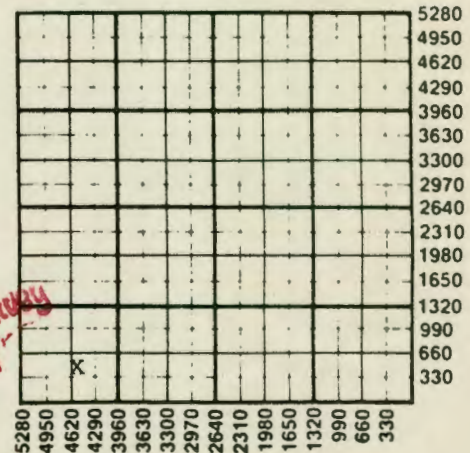
Lease Name Wiseman East Well # 4

Field Name Infill

Producing Formation Squirrel

Elevation: Ground KB

Section Plat



AUG 0 1985  
SOUTH GEOLOGICAL SURVEY  
WICHITA BRANCH

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. #)

RECEIVED

Operator Name .....Brown Bear Energy, Inc..... Lease Name.....Wiseman East.....Well #.....4.....

Sec.....11..... Twp.....14 S..... Rge.....20E.....  East  West County.....Douglas.....

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
Soil	0-2	Shale	263-268	Shale	571-580	Shale 683-710
Clay	2-22	Lime	268-277	Lime	580-587	Lime 710-712
Sand	22-32	Shale	277-310	Shale	587-592	Shale 712-760 TD
Lime	32-38	Lime	310-312	Lime	592-595	
Shale	38-44	Shale	312-318	Shale	595-606	Core 674-694
Lime	44-65	Lime	318-326	Lime	606-610	Hertha 404
Shale	65-75	Shale	326-333	Shale	610-626	
Lime	75-82	Lime	333-351	Lime	626-629	
Shale	82-89	Shale	351-357	Shale	629-633	
Lime	89-107	Lime	357-380	Lime	633-636	
Shale	107-109	Shale	380-385	Shale	636-648	
Lime	109-112	Lime	385-392	Lime	648-652	
Shale	112-144	Shale	392-395	Shale	652-658	
Lime	144-161	Lime	395-404	Lime	656-659	
Shale	161-221	Shale	404-541	Shale	659-661	
Lime	221-226	Lime	541-544	Lime	661-668	
Shale	226-230	Shale	544-555	Shale	665-666	
Lime	230-248	Lime	555-563	Lime	668-669	
Shale	248-260	Shale	563-567	Shale	669-673	
Lime	260-263	Lime	567-571	Sand	673-683	

APR 9 1985  
State Geological Survey  
VICTORIA 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			40 ft.	Portland 5		

**PERFORATION RECORD**

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	674-680	100 bbls. water gel 5 sacks 16 x 30 20 sacks 12 x 20 15 sacks 8 x 12	

**TUBING RECORD**

Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First Production: 8-1-85  
Producing Method:  Flowing  Pumping  Gas Lift  Other (explain).....