SIDE ONE

19-14-22E

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

API NO. 15-.....091.21.794.....

County.....Johnson.....

SW.. SW.. SE.. Sec. 19. Twp. 14. Rge 22... X East / __ West

649 FSL; 2276 FEL - KCC Record

~~660~~ ..... Ft North from Southeast Corner of Section

~~2420~~ ..... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

Operator: License # .....8928.....

Name .Brown Bear energy, Inc.....

Address ..P..O..Box.20768.....

.....

City/State/Zip .Oklahoma City, OK 73156..

Lease Name.....Gordon North.....Well #...2...

Purchaser.....Enron.....

.....

Field Name.....Longanecker.....

Operator Contact Person ...Bob Harwell.....

Phone ...405.842-4088.....

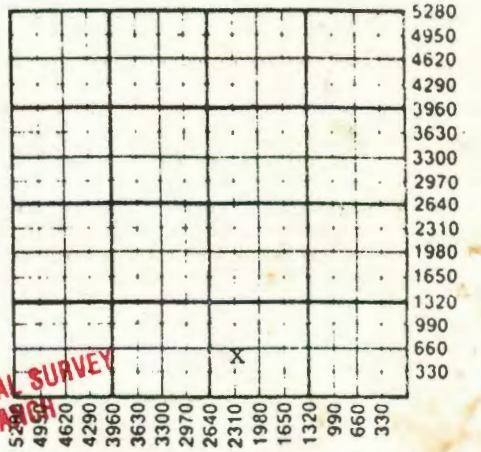
Producing Formation...Bartlesville.....

Elevation: Ground.....n/a.....KB.....

Contractor: License # .....9545.....

Name .....K.O.Drilling.....

Section Plat



Wellsite Geologist.....none.....

Phone.....none.....

Designate Type of Completion

X 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.....

AUG 10 1987

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

WELL HISTORY

Drilling Method:

X Mud Rotary __ Air Rotary __ Cable

....11-10-86 .11-13-86.... ...7-24-87....

Spud Date Date Reached TD Completion Date

....895..... .....

Total Depth PBTD

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

Cement Company Name ....Consolidated.....

X WATER SUPPLY INFORMATION

Disposition of Produced Water: __ Disposal

Docket # ..... __ Repressuring

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).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	10 Bbls	MCF	0 Bbls	CFPB	23

METHOD OF COMPLETION

Production Interval

Disposition of gas: [X] Vented [ ] Sold [ ] Open Hole [X] Perforation [ ] Other (Specify)

.856-860.....

19-14-22E ✓

SIDE TWO

Operator Name .....Brown Bear energy, Inc..... Lease Name.....Gordon North.....Well #...2....

Sec...19.... Twp..14..... Rge..22..... [X] 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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No

Formation Description
[X] Log [ ] Sample

Name	Top	Bottom

0 - 10 Clay and Soil
10 - 300 Shale
300- 400 Lime
400- 570 Shale
570- 580 Lime
580- 590 Shale
590- 600 Lime
600- 618 Shale
618- 620 Coal
620- 636 Sandy shale
636- 770 Shale
770- 772 Coal
772- 792 Shale
792-806 Sand Cattlemen
806- 807 Lime
807- 856 Shale
856-862 Oil Sand
862- 895 Shale TD

CASING RECORD [X] 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	5 1/4	6 1/4		20 ft.	portland	6	
production		2 7/8		895	portland		

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	856-860	75 water gel	
		20 sacks 8 x 12	
		10 sacks 12 x 20	

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [X] No
1 " tubing at 885'

Date of First Production Producing Method
[ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain).....