

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 # 6581
Name: Bison Energy Corporation
Address: P. O. Box 782317
City/State/Zip: Wichita, KS 67278

Purchaser: Koch Oil Company
Wichita, Kansas

Operator Contact Person: C. J. Lett, III
Phone: 316 689-8393

Contractor: License # 5929
Name: Duke Drilling Co., Inc.

Wellsite Geologist: Dean Pattison
Phone: 316 689-8393

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If O.W.O.: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
8-16-88 8-22-88 8-22-88
Spud Date Date Reached TD Completion Date
4455'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at: 221 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
Invoice # 0151

API NO. 15- 077 - 21,179 - 0000
County: Harper
C W/2 NE NW Sec 11 Twp 31S Rge 8 East
..... West
4620 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

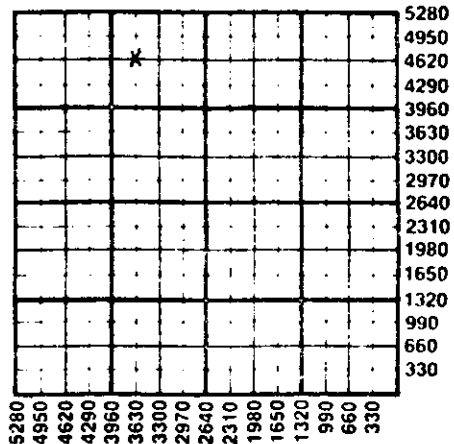
Lease Name: Yoder Well #: 1A-11

Field Name: Spivey-Grabs

Producing Formation: Mississippi

Elevation: Ground: 1657 KB: 1665

Section Plat



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: Drilled water well T-88-423
Division of Water Resources Permit # _____

Groundwater: 4620 Ft North from Southeast Corner
(Well) 3630 Ft West from Southeast Corner of
Sec 11 Twp 31 Rge 8 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 triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 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: C. J. Lett, III
Title: President Date: 10-18-88

Subscribed and sworn to before me this 18th day of October
1988
Notary Public: Marilynn Evenson-Koob
Marilynn Evenson-Koob

Date Commission Expires: _____

Marilynn Evenson-Koob
Notary Public - State of Kansas
My Appt. Expires 7-17-91

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
10-25-88 (2)
Form ACO-1 (5-86)

Sec. 11, Twp. 31, Rge. 8, E. 1/2

Operator Name **Bison Energy Corporation** Lease Name **Yoder** Well # **1A-11**

Sec. **11** Twp. **31S** Rge. **8** East West County **Harper**

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

DST #1 4427'-4439', 30-60-60-90.
 Recovered 60' O&GCM; 60' O&GCWM; 2720' GIP.
 FP 84-107#. SIP 1206-1297#.

DST #2 4439'-4455', 30-60-60-90.
 Recovered 2450' GIP, 90' O&GCM; 60' O&GCWM; 120'
 MW. FP 92-145#. SIP 1321-1326#.

Name	Top	Bottom
Heebner Shale	3434'	(-1769)
Toronto LS	3465'	(-1800)
Douglas Group	3478'	(-1813)
Haskell LS	3661'	(-1996)
Lansing Group	3664'	(-1999)
Kansas City Group	3907'	(-2242)
Stark Shale	4062'	(-2397)
Hushpuckney Shale	4091'	(-2426)
BKC Group	4176'	(-2511)
Marmaton LS	4214'	(-2549)
Cherokee Group	4311'	(-2646)
Mississippi Chert	4429'	(-2764)

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
Surface Production	12 1/4"	8 5/8"	20#	221'	60/40 Poz	160	2% gel, 3% O.C.
	7 7/8"	5 1/2"	14	4453'	Surefil	100	300 Gal. Mud Sweep, 30 Bbl Saltwater flush

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4430'-4434'	500 gal., 10% MCA; 40,000 gal. gel; 38,000 lbs. sand	

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	4250'			

Date of First Production	Producing Method
9-11-88	<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	Gas	Water	Gas-Oil Ratio	Gravity
	30 Bbls	150 MCF			

METHOD OF COMPLETION Production Interval

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