

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

5

API NO. 15-077-21,182-0000  
County Harper  
approx. S/2 NE NW Sec. 10 Twp. 31 Rge. 8 East  
X West

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

4180 Ft North from Southeast Corner of Section  
3230 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Koch Oil  
Wichita, Kansas

Lease Name Muir Well # 3B-10  
Field Name Spivey-Grabs

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

Producing Formation Mississippi  
Elevation: Ground 1657 KB 1664

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

Wellsite Geologist Dean L. Pattisson  
Phone 316-689-8393

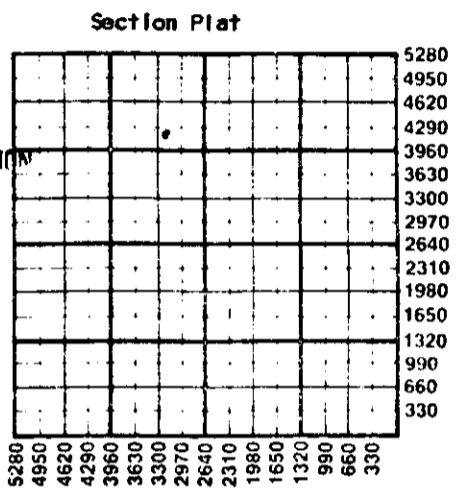
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FEB 24 1989  
2-24-89

CONSERVATION DIVISION  
Wichita, Kansas

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

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



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 # T88-545

X Groundwater 4180 Ft North from Southeast Corner  
(Well) 3230 Ft West from Southeast Corner of  
Sec 10 Twp 31 Rge 8 East X 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. #)

WELL HISTORY

Drilling Method:  
X Mud Rotary Air Rotary Cable  
11-09-88 11-15-88 11-14-88  
Spud Date Date Reached TD Completion Date  
4272'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 236 feet  
Multiple Stage Cementing Collar Used? Yes X No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated  
from feet depth to w/SX cmt  
Cement Company Name  
Invoice # AIR F

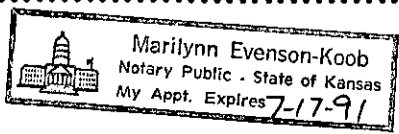
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 12-28-88

Subscribed and sworn to before me this 28th day of December 1988  
Notary Public Marilyn Evenson-Koob

Date Commission Expires



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)  
2-24-89  
Form ACO-1 (5-86)

Sec. 10 W.P. 31 Rge. 8 W

Operator Name Bison Energy Corp. Lease Name Muir Well # 3B-10

Sec. 10 Twp. 31 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 4424'-4435', 30-60-60-90  
 Recovered 3265' GIP, 45' VHOCM (3% g, 56% o, 41% m, 0% w). SIP: 744-540/716#. FP: 52-31# 66-35#

Name	Top	Bottom
Heebner Shale	3420'	(-1755)
Toronto Limestone	3451'	(-1786)
Douglas Group	3476'	(-1811)
Haskell Limestone	3651'	(-1986)
Lansing Group	3659'	(-1994)
Stark Shale	4070'	(-2405)
Hushpuckney Shale	4098'	(-2433)
BKC Group	4084'	(-2419)
Marmaton Limestone	4220'	(-2555)
Pawnee Limestone	4280'	(-2615)
Labette Shale	4308'	(-2643)
Cherokee Group	4321'	(-2656)
Mississippi Chert	4425'	(-2760)
Miss. Dolomite	4435'	(-2770)

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 1/2"	8-5/8"	20#	236'	60/40paz	130	2% gel, 3% cc
Production	7-7/8"	5 1/2"	14#	4470'	Surfill	125	300 gal. Mud Sweep
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4427'-4432'			20,000 gal. gel, 25,000# sand			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		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	Gas	Water	Gas-Oil Ratio	Gravity	
➔		10 Bbls	10 MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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