

ORIGINAL
SIDE ONE

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

API NO. 15- 077-21,218-0000
County Harper
140'S of W/2 East
~~W/2 SE~~ Sec. 9 Twp. 31 Rge. 8 West
1180 Ft. North from Southeast Corner of Section
2270' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Operator: License # 6581
Name: Bison Energy Corp.
Address P.O. Box 782317

Lease Name Culver Well # 4-9

Field Name Spivey-Grabs

Producing Formation Mississippi

Purchaser: Texaco

Elevation: Ground 1619 KB 1628

Operator Contact Person: C. J. Lett, III

Total Depth 4410' PBDT _____

Phone (316) 689-8393

Contractor: Name: Lobo Drilling Company

License: 5864

Wellsite Geologist: Dean Pattisson

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

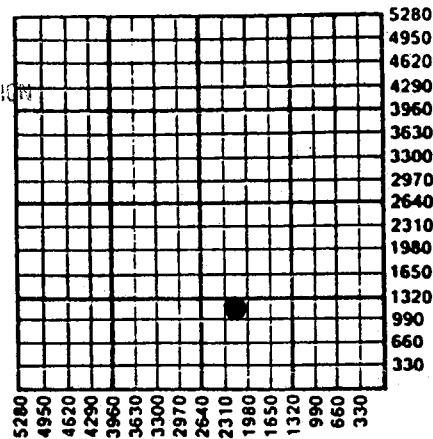
If OWMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

10-19-90 10-26-90 11-19-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 225 Feet

Multiple Stage Cementing Collar Used? _____ Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 _____
Title C. J. Lett, III
President Date 1-11-91

Subscribed and sworn to before me this 11th day of January,
19 91.

Notary Public Marilynn 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)

SIDE TWO

Operator Name Bison Energy Corp. Lease Name Culver Well # 4-9
 Sec. 9 Twp. 31 Rge. 8 East County Harper
 West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Heebner Shale	3378	-1754
Toronto Limestone	3405	-1777
Douglas Group	3432	-1804
Haskell Limestone	3618	-1990
Lansing Group	3623	-1995
Kansas City Group	3885	-2257
Stark Shale	4048	-2420
Hushpuckney Shale	4080	-2452
BKC Group	4154	-2526
Marmaton Group	4184	-2556

DST #1 4386'-4394', 30-60-60-90
 FP: 44-50#; 66-54#. SIP 1048-1036#.
 Recovered 45' vsocm.

DST #2 4395'-4410', 30-60-60-90
 Recovered 300' MGO (46 to 70% oil)
 FP: 76-76#; 91-101#. SIP 988-994#

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	12 1/2"	8-5/8"	20#	225'	60/40poz	150	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14#	4409'	Surfill	125	300 gal. mud flush

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	4385'-4400'	200 gal. 10% acetic	4400'
		750 gal. 10# acetic	4407'
		20,000 gal. pad, 40,000 gal. gel, 50000# 100 mesh, 31000# 20/40 mesh, 10500# 12/20 mesh	

TUBING RECORD Size 2 7/8" Set At 4284 Packer At _____
 Liner Run Yes No

Date of First Production 11-26-90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	150			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____



P.O. Box 4442
Houston, Tx. 772

REMIT TO: P.O. Box 100806, Houston, TX 77212

15-077-21218-0000

SERVICE OPERATIONS CONTRACT
TERM: 30 DAYS FROM DATE OF CONTRACT

ORIGINAL

CUSTOMER ACCOUNT NO.		DIST. NAME <i>WEN COOPE</i>		DATE <i>10-26-90</i>	SERVICE CONTRACT NO. 611042	
CUSTOMER <i>PISON ENERGY CORP.</i>		DIST. NUMBER <i>3330</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>	WELL TYPE <i>0</i>	JOB NUMBER <i>500694</i>
ADDRESS <i>P.O. Box 782317</i>				WELL NO. <i>4-10</i>	LEASE NAME & FEDERAL OFFSHORE LEASE NO. <i>CULVER</i>	
CITY <i>WICHITA</i>		STATE <i>KANSAS</i>		COUNTY/PARISH <i>HARPER</i>	CODE <i>007</i>	STATE <i>KS</i>
CITY CODE <i>14</i>		ZIP <i>67278</i>		FIELD NAME <i>SPIVEY-GRAYS</i>	CITY CODE	
AUTHORIZED BY: <i>DECK FLAKER</i>		ORDER NO.		WELL OWNER <i>PISON ENERGY CORP.</i>	MTA CODE	
STAGE NO.	JOB CODE <i>0106</i>	WORKING DEPTH <i>4409</i>	FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input checked="" type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>			TRUCK CALLED	<i>1:30 P</i>	<i>10/26/90</i>
TOTAL MEAS. DEPTH	SIZE HOLE <i>7 7/8"</i>	DEPTH <i>4410</i>	FT	ARRIVED AT JOB	<i>4:15 A</i>	<i>10/26/90</i>
FT.	SIZE & WT. CASING <i>5 1/2" 14"</i>	DEPTH <i>4409</i>	FT	START OPERATION	<i>6:35 A</i>	<i>10/26/90</i>
PRESSURE	PACKER DEPTH	FLUID PUMPED		FINISH OPERATION	<i>7:15 A</i>	<i>10/26/90</i>
AVG. PSI.	MAX. PSI.			TIME RELEASED	<i>3:00 A</i>	
<i>1175</i>				MILES FROM STATION TO WELL <i>60</i>	SALESMAN NUMBER	
MAX. BPM <i>7 1/2</i>	CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT					
S/S EMPLOYEE NUMBER <i>6664SH</i>						
REMARKS						

RECEIVED
STATE OF KANSAS COMMISSION
1-15-91
(10/15/1991)
CITY OF WICHITA, KANSAS

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK	PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
<i>011</i>						
	<i>10110103124</i>	<i>1</i>	<i>4,001' - 4,500' PUMP C/W</i>	<i>1200.00</i>	<i>E</i>	<i>1200 00</i>
	<i>10110900015</i>	<i>30</i>	<i>MILEAGE, ONE WAY</i>	<i>2.35</i>	<i>E</i>	<i>70 50</i>
	<i>1041105004</i>	<i>125</i>	<i>CLASS A</i>	<i>5.50</i>	<i>Q</i>	<i>687 50</i>
	<i>104123020</i>	<i>700</i>	<i>A-10</i>	<i>.22</i>	<i>L</i>	<i>154 00</i>
	<i>1041150049</i>	<i>240</i>	<i>A-7P</i>	<i>.46</i>	<i>L</i>	<i>110 40</i>
	<i>104201145</i>	<i>300</i>	<i>RT 6EL</i>	<i>.13</i>	<i>L</i>	<i>39 00</i>
	<i>1041250110</i>	<i>300</i>	<i>REGULAR MUD SUEP</i>	<i>1.45</i>	<i>B</i>	<i>435 00</i>
	<i>10880001</i>	<i>143</i>	<i>MIXING SERVICE</i>	<i>1.10</i>	<i>Q</i>	<i>157 30</i>
	<i>109401101</i>	<i>195</i>	<i>DRAPAGE 6.5 X 30</i>	<i>.75</i>	<i>E</i>	<i>146 25</i>
	<i>104301720</i>	<i>1</i>	<i>5 1/2" BOTTOM RUBBER PUG</i>	<i>75.00</i>	<i>E</i>	<i>75 00</i>

SERVICE REPRESENTATIVE: *KEVIN PRUNGAARDT*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.

ORIGINAL

Date 10/26/90 District MEOPLAINS Ticket No. 611042
 Company BISON ENERGY CORP. Rig LOBO #1
 Lease CULVER Well No. 4-9
 County WAGONER State KANSAS
 Location 9-31-3W Field _____
MAG PLANT 2E, 1/25 E/S

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2" Type USEU Weight 14# Collar ST 40

KB-4409'

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size 4 1/2" Weight 16.6# Collars XVI
 Open Hole: Size 7 7/8" T.D. 4410 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 300 BALL REGULAR MID SWEEP
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

TAIL: Pump Time _____ hrs. Type CLASS A
SURE FILL
 Excess _____
 Amt. 125 Sks Yield 1.23 ft³/sk Density 15.0 PPG

WATER: Lead _____ gals/sk Tail 6.4 gals/sk Total 19 Bbls.

Pump Trucks Used 1492 LARRY DRETLING
 Bulk Equip. 2904-S416 JOHN KELLEY

Float Equip: Manufacturer WEATHERFORD/TAKEN
 Shoe: Type CEMENT Depth 4409
 Float: Type BEU Depth 4371
 Centralizers: Quantity 3 Plugs Top RUBBER Btm RUBBER
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type FRESH H₂O Amt. 107 Bbls. Weight 8.34 PPG
 Mud Type CHEMICAL Weight 9.4 PPG

COMPANY REPRESENTATIVE DICK FLAHER

CEMENTER KEVIN BUNDAWDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
4:15						ON LOCATION, RIG UP JOB SAFETY PROBLEMS
						RUN 5 1/2" CASING TO TD + BREAK CIRCULATION + ROTATE CASING WHILE CIRCULATING
6:35	250					RIG UP TO CEMENT PUMP DROP BOTTOM PLUG
	250				6	START MID SWEEP
	500		7	7	6	MID SWEEP IN - START CEMENT
	500				7 1/2	INCREASE RATE
	350		26 1/2	29 1/2	7 1/2	CEMENT IN - STOP PUMPS
						CHANGE VALVES - FEEL PUMPS & LINES
						CHANGE VALVES - RELEASE TOP PLUG
	100				2	START DISPLACEMENT
	175		38 1/2	2	6	INCREASE RATE
	250		116 1/2	78	4	SLOW RATE - CEMENT TURNS SLIDE
	650		123 1/2	12	4	BRADUAL TEST INCREASE - STOP ROTATING
	650		136 1/2	8	2	SLOW RATE
7:15	1175		142 1/2	7		BUMP PLUG HOLD PRESSURE RELEASE TEST & FLOOD FIELD!

10/25/1991
1-15A1

FINAL DISP. PRESS: 650 PSI BUMP PLUG TO 1175 PSI BLEEDBACK 1 BBLs.

THANK YOU