

ORIGINAL

ORIGINAL CONFIDENTIAL
RELEASED
AUG 21 1991

SIDE ONE

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

Operator: License # 3680

Name: B.B. Industries, Inc.

Address 12200 E. Briarwood Ave.

Suite 250

City/State/Zip Englewood, CO 80112

Purchaser: Colony Energy Corporation

Operator Contact Person: Layle L. Robb

Phone (303) 790-8340

Contractor: Name: Beredco, Inc.

License: 5147

Wellsite Geologist: Soli Shapurji

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abs.

Gas Inj Delayed Completion

Dry Other (Core, Water Supply, etc.)

If OLD: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4/26/90 5/9/90 Delayed

Spud Date Date Reached TD Completion Date

API NO. 15- 129-21,041-00-00 FROM CONFIDENTIAL

County Morton

W/2 NW NE Sec. 29 Twp. 32 Rge. 40 East West

4620 Ft. North from Southeast Corner of Section

2310 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

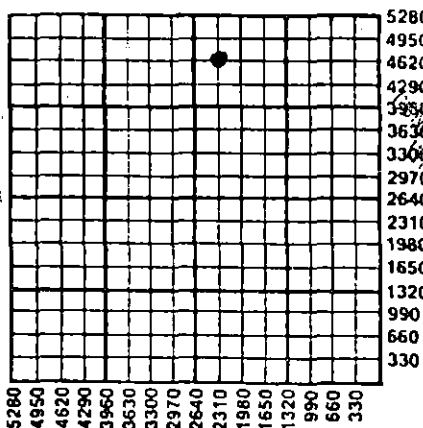
Lease Name Montgomery Well # 1-29

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 3356' KB 3368'

Total Depth 5800' PBTD _____



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STATE CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

ACT I
8-07-90

Amount of Surface Pipe Set and Cemented at 1587 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3210 Feet

If Alternate II completion, cement circulated from 3210

feet depth to 1287' w/ 310 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 Teresa Jimenez _____

Title Petroleum Engineer Date 7/9/90

Subscribed and sworn to before me this 9th day of July, 1990.

Notary Public S. L. Pacheco _____

Date Commission Expires 3/9/93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Drillers Time Log Received

Distribution

KCC SWD/Rep NGPA

KGS Plug Other (Specify)

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SIDE TWO

Operator Name L.B. Industries, Inc. Lease Name Montgomery Well # 1-29

Sec. 29 Twp. 32 Rge. 40 East West
County Morton

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. **RELEASED** 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 **AUG 21 1991**

Log FROM CONFIDENTIAL
Sample

Name _____ Top _____ Bottom _____

SEE ATTACHED

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	12-1/4"	8-5/8"	24	1587'	Lite/Class C	525/125	2% CaCl; 1/2#/sk
Production	7-7/8"	5-1/2"	15.5	5800'	50-50 H 35-65	250/310	Flocele 2% D20; 3% KCl 12.5#/sk D42, 0.4%

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	5461-5476	Acid: 750 gal 7 1/2% Fe acid Frac: 15,111 gal 2% KCl wtr & 53 tons CO2 (50% quality foam) & 53,600# 20/40 sand.	

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

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

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

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Conmingled Other (Specify) _____

Production Interval _____

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L.B. Industries, Inc.
Montgomery #1-29
Section 29, T32S, R40W

AUG 21 1991

FROM CONFIDENTIAL Morton County, Kansas

Drill-Stem Test #1 (U. Morrow Sand) 5152'-74'. 30"-60"-60"-120".

Initial open: Strong blow to bottom in 30 seconds - gas to surface in 11 minutes - ISI bled off blow, no return.

Final Open: Strong return gauged at 283 MCFGD at final. Recovered 30 feet of drilling mud, no show of oil. BHT 120°F. CI 900 ppm System. IHP 2561#, IFP 41.3#-57.7#, ISIP 1714.6#, FFP 62.5#-67.2#, FSIP 1688.7#, FHP 2396.7#.

Drill-Stem Test #2 (Morrow C) 5235'-5252'. 30"-60"-60"-120".

Initial open: Strong blow to bottom in 15 seconds - gas to surface in 8 minutes - ISI bled off blow, no return.

Final open: Strong blow gauged at 283 MCFGD at final. Recovered 30 feet of drilling mud. BHT 120°F. CI 1200 ppm System. IHP 2507#, IFP 42.5#-53.1#, ISIP 1586.1#, FFP 49.5#-37.7#, FSIP 1551.9#, FHP 2435.4#.

Drill-Stem Test #3 (Morrow) 5350'-5364'. 30"-60"-30"-75".

Initial open: Weak surface blow died in 23 minutes.

Final open: No return blow. Recovered 20 feet of drilling mud. BHT 123°F. CI 1100 ppm System. IHP 2571.4#, IFP 20.9#-34.9#, ISIP 1140.1#, FFP 24.5#-36.7#, FSIP 355.2#, FHP 2501.1#.

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CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL
ORIGINAL

L.B. Industries, Inc.
Montgomery #1-29
Section 29, T32S, R40W

Morton County, Kansas

Formation Description
By Log

<u>Name</u>	<u>Top</u>	<u>Base</u>
Heebner	3675'	
Toronto	3692'	
Lansing	3734'	
Kansas City	4228'	4285'
Marmaton	4356'	
Pawnee	4564'	
Ft. Scott	4598'	
Cherokee	4610'	
Atoka	4776'	
Morrow	5018'	
Morrow "G-1"	5323'	
Morrow "G-2"	5421'	
Morrow Keyes	5457'	
Chester	5552'	
St. Genevieve	5604'	
St. Louis	5690'	

RELEASED

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FROM CONFIDENTIAL

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JUL 11 1990

CONSERVATION DIVISION
Wichita, Kansas

DOWELL SCHLUMBERGER INCORPORATED

P.O. BOX 4378 HOUSTON, TEXAS 77210

CUSTOMER

CONFIDENTIAL

OILFIELD SERVICES INDUSTRIAL SERVICES

ORIGINAL

DSI SERVICE ORDER RECEIPT AND INVOICE NO.
03-12-2577

DSI SERVICE LOCATION NAME AND NUMBER
Ulysses, KS 03-12

CUSTOMER NUMBER _____ CUSTOMER P.O. NUMBER _____ TYPE SERVICE CODE **285** BUSINESS CODES _____

CUSTOMER'S NAME **L.B. Industries**

RELEASED

WORKOVER NEW WELL OTHER W N API OR IC NUMBER _____

ADDRESS _____ **AUG 21 1991**

CITY, STATE AND ZIP CODE _____

ARRIVE LOCATION MO. DAY YR. TIME
5 11 90 0100

DSI will furnish and Customer shall purchase materials and services required in the performance of the following SERVICE INSTRUCTIONS or DSI INDUSTRIAL SERVICE CONTRACT NO. _____ in accordance with the terms and conditions as printed on the reverse side of this form.

FROM CONFIDENTIAL

SERVICE ORDER RECEIPT
I certify that the materials and services listed were authorized and received and all services performed in a workmanlike manner and that I have the authority to accept and execute this document.

Provide Equipment & Materials Necessary to Safely Cement 5 1/2" casing

JOB COMPLETION MO. DAY YR. TIME
5 11 90 1145

STATE **Kansas** CODE **15** COUNTY/PARISH **Morton** CODE **129** CITY _____

SIGNATURE OF CUSTOMER OR AUTHORIZED REPRESENTATIVE
[Signature]

WELL NAME AND NUMBER / JOB SITE **Montgomery #1-29** LOCATION AND POOL / PLANT ADDRESS **Sec 29, T32S, R40W** SHIPPED VIA **Dowell Schlumberger**

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
048218-000	Pump Truck Charge 5000-7000	ea	1	1246.00	1246.00
048218-001	Additional Footage Below 5000'	ft	800	0.15	120.00
048016-000	Multiple Stage Charge	ea	1	920.00	920.00
049102-000	Delivery Charge	TM	834	0.80	667.20
049100-000	Service Charge	cu Ft	688	1.08	743.04
059097-000	DACB Charge	ea	1	110.00	110.00
059200-002	Mileage Charge	mi	30	2.40	72.00
040015-000	D909 Class H Cement	cu Ft	327	6.85	2,239.95
045006-000	D35 Lumps	cu Ft	233	2.30	535.90
045014-050	D20 Bentonite Extender	lb	2039	0.13	265.07
045019-050	D42 Kolite	lb	4675	0.39	1823.25
044003-025	D29 Cellulose Flakes	lb	78	1.35	105.30
044002-050	D60 Fluid Loss Additive	lb	192	6.70	1286.40
067011-000	M117 Potassium Chloride	lb	630	0.22	138.60
056704-054	5 1/2" Top Rubber Plug	ea	1	100.00	100.00

SERVICE RECEIPT

JUL 11 1990

CONSERVATION DIVISION
Wichita Kansas

Field Estimate = \$10,372.71

SUB TOTAL _____

LICENSE/REIMBURSEMENT FEE _____

REMARKS: *Thanks For Using DSI!* STATE _____ % TAX ON \$ _____
COUNTY _____ % TAX ON \$ _____
CITY _____ % TAX ON \$ _____

SIGNATURE OF DSI REPRESENTATIVE *[Signature]* TOTAL \$ _____

CEMENTING SERVICE REPORT

ORIGINAL

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 2577	DATE 5-11-90
STAGE 1	DS Ulysses, KS

DS-496 PRINTED IN U.S.A.

WELL NAME AND NO. Montgomery #1-29	LOCATION (LEGAL) Sec 29, T32S, R40W
FIELD-POOL Hugoton	FORMATION
COUNTY/PARISH Morton	STATE Kansas
API. NO.	

RIG NAME: Beredco #1	CONFIDENTIAL	
WELL DATA:	BOTTOM	
BIT SIZE 7 7/8	CSG/Liner Size 5 1/2	
TOTAL DEPTH	WEIGHT 15.5	
<input checked="" type="checkbox"/> ROT <input type="checkbox"/> CABLE	FOOTAGE 5813	
MUD TYPE	GRADE	
<input type="checkbox"/> BHST <input type="checkbox"/> BHCT	THREAD 8rd	
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S) 47.74	TOTAL
MUD VISC.	Disp. Capacity 576.5, 26	

NAME **L. B. Industries** **RELEASED**

AND

ADDRESS

AUG 21 1991

SPECIAL INSTRUCTIONS

FROM CONFIDENTIAL

Float	TYPE Clitterential Fil	TYPE DV Tool
DEPTH	5752.26	DEPTH 3204.52
SHOE	TYPE Int Guide	TYPE
DEPTH	5800	DEPTH

IS CASING/TUBING SECURED? YES NO

LIFT PRESSURE **3800** PSI - CASING WEIGHT - SURFACE AREA (3.14 x R²)

PRESSURE LIMIT PSI BUMP PLUG TO **500 over** PSI

ROTATE RPM RECIPROCATATE FT No. of Centralizers

Head & Plugs	<input type="checkbox"/> TBG <input type="checkbox"/> D.F.	SQUEEZE JOB
<input type="checkbox"/> Double	SIZE	TOOL TYPE
<input checked="" type="checkbox"/> Single	<input type="checkbox"/> WEIGHT	DEPTH
<input type="checkbox"/> Swage	<input type="checkbox"/> GRADE	TAIL PIPE: SIZE DEPTH
<input type="checkbox"/> Knockoff	<input type="checkbox"/> THREAD	TUBING VOLUME Bbls
TOP <input type="checkbox"/> OR <input type="checkbox"/> W	<input type="checkbox"/> NEW <input type="checkbox"/> USED	CASING VOL. BELOW TOOL Bbls
BOT <input type="checkbox"/> OR <input type="checkbox"/> W	DEPTH	TOTAL Bbls
		ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME: **0100** DATE: **5-11** ARRIVE ON LOCATION TIME: **0100** DATE: **5-11** LEFT LOCATION TIME: **1230** DATE: **5-11**

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR D.P.	CASING	INCREMENT	CUM				
0517	NA	1400	-	-	-	H₂O	8.34	PRE-JOB SAFETY MEETING
0519		500	10	-	5.1	H₂O	8.34	Pressure Test Line
0522		520	61	196	5.8	cut	14.2	Begin Pumping Water Ahead
0535		-	-	61	0	-	-	Begin Mixing 1st Stage Cement
0540		170	62	-	5.0	H₂O	8.34	shut down, Wash Line, Drop Plug
0552		220	69	61	5.8	Mud	9.0	Begin Displacement
0608		520	72	130	2.2	Mud	9.0	Continue w/ Mud
0609		1100	-	137 1/2	0	-	-	Lower Rate
0610		0	-	137 1/2	0	-	-	Bump Plug - Shut Down
0611		0	-	137 1/2	0	-	-	Bled off pressure - Float Held
0631		1030	0.3	-	1	Mud	9.0	End of 1st Stage
0632		210	10.7	113	3.5	Mud	9.0	Open DV Tool
0637		0	-	11	0	-	-	Continue circulating
								Shut Down - Circulate 4 hrs

REMARKS

SYSTEM CODE	NO OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			BBLs	DENSITY	BBLs	DENSITY			
1.	250	1.34	50/50 POE/H	+ 2% D20	+ 3% KCl	+ 12.5% K D42	+ 0.4% D60	59.7	14.2
2.									
3.									
4.									
5.									
6.									

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JUL 11 1990

BREAKDOWN FLUID TYPE	VOLUME	CONCENTRATION	PRESSURE
<input type="checkbox"/> HESITATION SQ.	<input type="checkbox"/> RUNNING SQ.	CIRCULATION LOST	MAX. 1020 MIN: 0
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Cement Circulated To Surf <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Bbls
BREAKDOWN PSI FINAL	PSI	DISPLACEMENT VOL	TYPE OF WELL
137 1/2	137 1/2	137 1/2 Bbls	<input type="checkbox"/> OIL <input type="checkbox"/> STORAGE <input type="checkbox"/> BRINE WATER
Washed Thru Perfs <input type="checkbox"/> YES <input type="checkbox"/> NO	TO FT	MEASURED DISPLACEMENT <input type="checkbox"/>	<input checked="" type="checkbox"/> GAS <input type="checkbox"/> INJECTION <input type="checkbox"/> WILDCAT
PERFORATIONS	CUSTOMER REPRESENTATIVE	DS	SUPERVISOR
TO TO	Teresa		Doug E. Rained

CEMENTING SERVICE REPORT

ORIGINAL

DS-498 PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

TREATMENT NUMBER 03-12-2577 DATE 25-11-90
 STAGE 2 DS DISTRICT ULSSSES, KS

WELL NAME AND NO. Montgomery #1-29
 LOCATION (LEGAL) Sec 29, T32S, R40W
 FIELD POOL
 COUNTY/PARISH Hughton
 STATE Kansas
 API NO

RIG NAME Beredea #1
 WELL DATA BIT SIZE 7 7/8 CSG/Liner Size 9 5/8
 TOTAL DEPTH 5800 WEIGHT 15.5
 ROT CABLE FOOTAGE 3204.52
 MUD TYPE GRADE
 MUD DENSITY LESS FOOTAGE SHOE JOINT(S) 8.34
 MUD VISC Disp Capacity

CONFIDENTIAL

NAME L.B. Industries
 ADDRESS

RELEASED

SPECIAL INSTRUCTIONS
 ZIP CODE 66502
 REC 2 + 1991

FROM CONFIDENTIAL

NOTE: Include Footage From Ground Level To Head In Dip Capacity
 TYPE Differential Fill
 DEPTH 575 P. 26
 TYPE Fast Grade
 DEPTH 5800

IS CASING/TUBING SECURED? YES NO
 LIFT PRESSURE 3800 PSI CASING WEIGHT - SURFACE AREA (3 1/4 x R)
 PRESSURE LIMIT PSI BUMP PLUG TO 1000 PSI
 ROTATE RPM RECIPROCATE FT No of Centralizers

Head & Plugs TBG DP SQUEEZE JOB
 Double SIZE TOOL TYPE
 Single WEIGHT DEPTH
 Swage GRADE TAIL PIPE SIZE DEPTH
 Knockoff THREAD TUBING VOLUME Bbls
 TOP OR NEW USED CASING VOL BELOW TOOL Bbls
 BOT OR DEPTH TOTAL Bbls
 ANNUAL VOLUME Bbls

JOB SCHEDULED FOR TIME 0100 DATE 5-11 ARRIVE ON LOCATION TIME 0100 DATE 5-11 LEFT LOCATION TIME 12:15 DATE 5-11

TIME	PRESSURE		VOLUME PUMPED BBL		INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
	TBG OR DP	CASING	INCREMENT	CUM				
1055	NA							PRE-JOB SAFETY MEETING
1055		400	100	-	5.0	11.0	8.34	Begin Pumping Water Ahead
1105		330	-	100	6.5	10.5	12.4	Begin Mixing Cement
1121					0	-	-	Shut Down Pump Plug, Keep to line
		120	66		5.0	11.0	8.34	Begin Displacement
1135		660	105	66		11.0	8.34	Launch Ball
1140		1600	-	76	0	-	-	Running Closing Plug - Shut Down
1141		0	-	76	0	-	-	Check Pressure - Float Held
1142								End Job

REMARKS

SYSTEM CODE	NO OF SACKS	YIELD CU FT/SK	COMPOSITION OF CEMENTING SYSTEMS				SLURRY MIXED		
			1	2	3	4	BBLS	DENSITY	
1	310	1.96	35% 20# 1	54% 40# DP 9	5% 40# DP 12	0.4% D-20	6% D-20	108.2	12.4
2									
3									
4									
5									
6									

JUL 11 1990

BREAKDOWN FLUID TYPE VOLUME PRESSURE MAX 700 MIN 0
 HESITATION SO RUNNING SO CIRCULATION LOST
 DISPLACEMENT VOL 76.3 Bbls
 MEASURED DISPLACEMENT
 CUSTOMER REPRESENTATIVE Teresa
 SUPERVISOR Tony E. Harned