

ORIGINAL

CONFIDENTIAL RELEASED

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- 109-20,487 - 0000 SEP 8 9 1992

County Logan FROM CONFIDENTIAL

C N/2 Sec. 17 Twp. 12S Rge. 33 East West

3960 Ft. North from Southeast Corner of Section

2640 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Janice Well # 3

Field Name Janice

Producing Formation Lansing

Elevation: Ground 3125' KB 3130'

Total Depth 4770' PBTD 4715'

Operator: License # 5364

Name: Beren Corporation

Address 970 Fourth Financial Center

City/State/Zip Wichita, KS 67202

Purchaser: Central Crude Corporation

Operator Contact Person: Evan Mayhew

Phone (316) 265-3311

Contractor: Name: White & Ellis

License: 5420

Wellsite Geologist: Jim Hall

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: _____

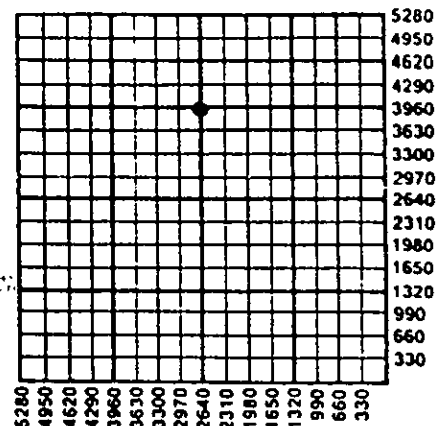
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-17-90 4-25-90 6-5-90

Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 328 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2595' Feet

If Alternate II completion, cement circulated from 2595

feet depth to Surface w/ 1100 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 Evan C Mayhew

Title Division Engineer Date 8/6/90

Subscribed and sworn to before me this 7th day of August, 19 90.

Notary Public Laurie J. Noble

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 Beren Corporation Lease Name Janice Well # 3
 Sec. 17 Twp. 12S Rge. 33 East West
 County Logan

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.)

See attached

Name	Formation Description	
	Top	Bottom
Heebner	4014	
Toronto	4034	
Lansing "E"	4134	
Pawnee	4480	
Fort Scott	4536	
Penn Sand	4667	
Mississippi	4687	
TD	4770	

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#	328'	60/40	225	2% gel, 3%CC
Production	7-7/8"	4 1/2"	10.5#	4768'	BJ Shurfill	250	---
2nd Stage				2595'	Lite/Common	1000/100	---

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	4612-23	1500 gals 20% HCL	4612-23
4	4135-39	3000 gals 28% HCL	
		500 gals 15% HCL	4135-39
		1000 gals 28% HCL	

TUBING RECORD

Size 2-3/8" Set At 4700 Packer At None Liner Run Yes No

Date of First Production <u>6/5/90</u>	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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	70		0		0		---	35°

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval

4135'-4623'

ORIGINAL

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CONFIDENTIAL

Beren Corporation

970 FOURTH FINANCIAL CENTER, WICHITA, KANSAS 67202. (316) 285-3311

RELEASED

SEP 09 1992

JANICE #3
Drill Stem Tests

FROM CONFIDENTIAL

- DST #1 - Lower Oread - 3960'-3986' - 30(30)30(30)
Blow: None-flushed tool, no help (initial); None (final)
Rec: 5' mud
FP 45-45/48-48
SIP 768/611
- DST #2 - Toronto - 4018'-4050' (WSP) - 15(30)45(60)
Blow: OBB (initial & final)
Rec: 138' mud, 2150' saltwater, no show of oil
FP 354-558/677-1085
SIP 1235/1235
- DST #3 - LKC "H" & LKC "I" - 4202'-4270' - 15(30)45(90)
Blow: Weak building to 4.5" (initial); Weak building to 5" (final)
Rec: 160' mud w/heavy scum of oil.
NOTE: Partial plugging on second flow period.
FP 89-92/104-137
SIP 1277/1271
- DST #4 - Johnson Zone - 4608-4656' - 15(30)45(90)
Blow: ½" build to OBB/13", 5" build to OBB/6"
Rec: 120' MCGO (90% oil, 5% gas, 5% mud, gravity 32°)
FP 55-60/69-76
SIP 364/364
- DST #5 - Lansing Kansas City "E" - 4119'-4155' (WSP) - 15(30)45(90)
Blow: Weak building to 4.0" (initial); Weak building to 5.5"
(final)
Rec: 50' free oil (31° grav @ 60°F)
125' OCM (10% oil, 90% mud, trace filtrate water)
FP 59-75/87-114
SIP 1257/1268

STATE

AUG - 9 1990

CONFIDENTIAL
Wichita Kansas



15-109-20487-0000
RELEASED

CUSTOMER

INVOICE/DATE
07/26/90

DIRECT BILLING INQUIRIES TO	TERMS	REMIT TO
713-895-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	FROM CONCILIENT B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212

PAGE	INVOICE NO.
1	VB044

BEREN CORPORATION
BOX 723
HAYS

KS 67601

AUTHORIZED BY
609762

PURCH. ORDER REF. NO.

WELL NUMBER : 3

CUSTOMER NUMBER : 0250030

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
JANICE	15			DAKLEY	332C
JOB LOCATION/REF	DATE	TYPE OF SERVICE			
	07/26/90	LAND-LONG STRING/PRODUC			

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	UNIT	EXTENDED PRICE
10102115	1.00	CEMENTING THRU TUBING 1501 TO 3000	875.00		875.00
10109005	36.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		39.60
10410504	261.00	CLASS "A" CEMENT	6.30	CF	1,644.30
10415018	114.00	FLY ASH	3.62	CF	412.68
10420145	1704.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	221.52
10940101	374.00	DRAYAGE, PER TON MILE	0.70		261.80
10880001	450.00	MIXING SEVICE CHRG DRY MATERIALS, P	0.95		427.50
<i>W/af</i> <i>7/26</i>					
SUBTOTAL					3,862.40
DISCOUNT					776.48

ACCOUNT	4.25000% STATE TAX	3105.92	132.01
	1.00000% COUNTY TAX	3105.92	31.05
		15 1990.	

TAX EXEMPTION STATUS:	PAY THIS AMOUNT	3,268.96
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P.O. Box 4442
Houston, Tx. 77210

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

Copy

SERVICE OPERATIONS CONTRACT
TERMS NET 30 DAYS FROM DATE OF CONTRACT

CUSTOMER ACCOUNT NO. 25000030		DIST NAME Oakley, Ks		DATE 7-26-90	SERVICE CONTRACT NO. 609762	
CUSTOMER Boren Corp		DIST NUMBER 3320		NEW WELL <input type="checkbox"/> OLD WELL <input type="checkbox"/>	JOB NUMBER	
ADDRESS		WELL NO. 3		LEASE NAME & FEDERAL OFFSHORE LEASE NO. Janice FROM CONFIDENTIAL		
CITY STATE ZIP		COUNTY/PARISH Oregon		CODE 109	STATE Ks CODE 19	
AUTHORIZED BY: George Jorgensen		ORDER NO.		WELL OWNER Boren Corp		
STAGE NO.	JOB CODE 0106	WORKING DEPTH 1500	FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>			TRUCK CALLED	12:01 P	MM DD YY 7 26 90
TOTAL MEAS. DEPTH	SIZE HOLE DEPTH	FT		ARRIVED AT JOB	12:01 P	7 26 90
FT.	SIZE & WT. CASING 4 1/2" 10.5#	DEPTH	FT	START OPERATION	12:45 P	7 26 90
AVG. PSI.	SIZE & WT. DRILL PIPE OR TUBING 2 3/8"	DEPTH	FT	FINISH OPERATION	13:30 P	7 26 90
MAX. PSI.	PACKER DEPTH 1236	FLUID PUMPED		TIME RELEASED	4:00 P	7 26 90
MAX. BPM				MILES FROM STATION TO WELL	18	SALESMAN NUMBER
S/S EMPLOYEE NUMBER	REVENUE EQUIPMENT (UNIT NUMBERS)			EMPLOYEES ON JOB (EMPLOYEE NUMBER)		
5	BSU-6463			Joe 62-6335		
	BSU-2037			Tom 50-3660		
	BSU-2752	BSU-6457		Ron 58-2278		
512-58-0438						

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

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 **011** SIGNED: *Mark Liker* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1 11011021115	1	Pumping charge	875.00	ea	875.00
2 11011090105	36	Pump truck mileage (Oakley 18)	1.10	RT	39.60
3 110141105104	261	Class A Cement	6.30	sh	1644.30
4 110141150118	114	Poa mix	3.62	sh	412.68
5 110142101145	1704	Hel	.13	sh	221.52
6 11094101101	374	Hauling 20.8 x 18	.70	Tm	261.80
7 11088100101	450	Handling & dumping	.95	sh	427.50
8		Sub-total	5100.00		3882.40
9		-20% discount			776.48
10		Total			3105.92

SERVICE REPRESENTATIVE *Harry J.* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *Mark Liker* (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



ORIGINAL

1510920487-0000

ORIGINAL

RELEASED

INVOICE DATE
07/25/90

REV 0 0 1992

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B. J. SERVICES IDENT P.O. BOX 100806 HOUSTON, TX 77212
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PAGE	INVOICE NO.
1	VB046

BEREN CORPORATION
BOX 723
HAYS

KS 67601

AUTHORIZED BY 609761

PURCH. ORDER REF. NO.

WELL NUMBER : 3

CUSTOMER NUMBER : 02500030

LEASE NAME AND NUMBER JANICE	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME OAKLEY	DISTR. NO. 3320
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB 07/25/90	TYPE OF SERVICE LAND-LONG STRING/PRODUC		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102115	1.00	CEMENTING THRU TUBING 1501 TO 3000	875.00		875.00
10102116	10.95	PLUS PER 100' OR FRACTION BELOW 150	4.00		43.80
10109005	36.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		39.60
10410504	440.00	CLASS "A" CEMENT	6.30	CF	2,772.00
10415018	210.00	FLY ASH	3.62	CF	760.20
10420145	3200.00	BJ-TITAN GEL, BENTONITE, BULK SALES	0.13	LB	416.00
10940101	542.00	DRAYAGE, PER TON MILE	0.70		379.40
10860001	650.00	MIXING SEVICE CHRG DRY MATERIALS, P	0.95		617.50
SUBTOTAL					5,903.50
DISCOUNT					1,180.70

ACCOUNT	4.25000% STATE TAX	4722.80	200.73
	1.00000% COUNTY TAX	4722.80	47.24

TAX EXEMPTION STATUS:	PAY THIS AMOUNT	4,970.77
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ORIGINAL

15-109-20487-0000

CUSTOMER

INVOICE DATE
07/25/90

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. VB046
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BEREN CORPORATION
BOX 723
HAYS

RELEASED

KS 67601

SEP 0 9 1992

AUTHORIZED BY 609761

PURCH. ORDER REF. NO.

WELL NUMBER : 3

FROM CONFIDENTIAL
CUSTOMER NUMBER : 02500030

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
JANICE	15			OAKLEY	3320
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
		07/25/90	LAND-LONG STRING/PRODUC		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102115	1.00	CEMENTING THRU TUBING 1501 TO 3000	875.00		875.00
10102116	10.95	PLUS PER 100' OR FRACTION BELOW 150	4.00		43.80
10109005	36.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		39.60
10410504	440.00	CLASS "A" CEMENT	6.30	CF	2,772.00
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10940101	542.00	DRAYAGE, PER TON MILE	0.70		379.40
10880001	650.00	MIXING SERVICE CHRG DRY MATERIALS, P	0.95		617.50
SUBTOTAL					5,903.50
DISCOUNT					1,180.70

*W/O
7/27*

ACCOUNT	4.25000% STATE TAX	4722.80	200.73
	1.00000% COUNTY TAX	4722.80	47.24

TAX EXEMPTION STATUS:	PAY THIS AMOUNT	4,970.77
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PO. Box 4442
Houston, Texas 77210

15-109-20487-0000
RELEASED

ORIGINAL CEMENTING LOG

STAGE NO.

817 U 9 1992

Date 7-26-90 District 008 Ticket No. 609762
 Company Berco Corp Rig Co Unit
 Lease Jamice Well No. 3
 County Hogan State Ks
 Location Monument 65-3E-2S Field _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Sks Yield FROM CONFIDENTIAL ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type lightweight
 Excess _____

Amt. 400 Sks Yield 1.84 ft³/sk Density 12.7 PPG

TAIL: Pump Time _____ hrs. Type Class A
 Excess _____

Amt. 50 Sks Yield 1.17 ft³/sk Density 15.7 PPG

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

Pump Trucks Used BSU-6463
 Bulk Equip. BSU-2752, BSU-6457
BSU-2037
49
26
396

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 4 1/2" Type J-55 Weight 10.5# Collar 5.8id

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.4
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0105 Lin. ft./Bbl. 95.5
the Bbls/Lin. ft. .0039 Lin. ft./Bbl. 258.6
 Perforations: From 1500' ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 8 Bbls. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE George Jorgensen

CEMENTER Harry H.

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
2:00						on loc & set up etc
2:30						hold prep job safety meeting
2:45						prep work done to 500 PSI
2:55					30800	take rate @ 2 bbl per min @ 800 PSI
2:58					5	mix lead cement 400 lb lightweight
3:02					5	mix tail cement 50 lb Class A
3:05						shut in & wash up etc
3:08					5	displace
3:30						shut in
						Cement did circulate
						Lead cement = 131 bbl slurry
		261				tail cement = 10.4 bbl slurry
		14				total of 141.4 bbl slurry
		1104				41968
						27100
						Thank you
						Harry & crew
						385240
						1000
						1000