

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 # 3447
Name: Ranken Energy Corporation
Address 2325 S.W. 15th Street

City/State/Zip Edmond, OK 73013
Purchaser: Clear Creek

Operator Contact Person: Tom Larson
Phone (316) 792-3664

Contractor: Name: Mallard JV, Inc.
License: 4958

Wellsite Geologist: Doug Bellis

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

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

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

11-3-89 11-10-89
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23-395-0000

County Ness

NW NW SW Sec. 16 Twp. 18S Rge. 26 East West

2310 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

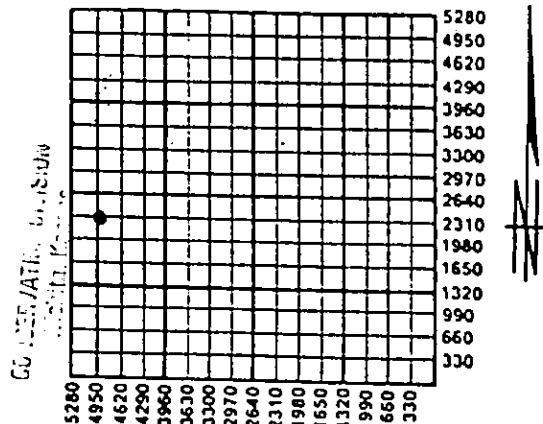
Lease Name Breit Well # 1-16

Field Name Wildcat

Producing Formation Mississippian

Elevation: Ground 2635 KB 2646

Total Depth 4672 PBDT 4630



Amount of Surface Pipe Set and Cemented at 214.77 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2030' Feet

If Alternate II completion, cement circulated from 224.77

feet depth to Surface w/ 135 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 Randolph L. Coy

Title President Date 3-28-90

Subscribed and sworn to before me this 28th day of March, 1990.

Notary Public Patricia Crowell

Date Commission Expires April 14, 1993

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

ORIGINAL

X

SIDE TWO

Operator Name Ranken Energy Corporation Lease Name Breit Well # 1-16
 Sec. 16 Twp. 18S Rge. 26 East County Ness 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.)

DST 1 4580-4606 Rec. 204' CGO 126' Sli
 MCO (10% mud, 90% oil) 63' Sli OCM
 (7% oil, 93% mud) 30" 60" 60" 120",
 IH 2323 IFP 59-92, ISIP 1278, FFP
 138-157 FSIP 1284, FH 2285

Formation Description

Log Sample

Name	Top	Bottom
Anhydrite	2007	2036
Heebner	3956	
Toronto	3975	
Lansing	3994	
B./KC	4322	
Pawnee	4451	
Ft. Scott	4507	
Miss.	4601	

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"	215 X 8 5/8"	20#	224.77	60/40 Poz	Mix 135	3% cc, 2% gel
Production	7 7/8"	4659 X 5 1/2"	14#	4664	Lite & PA2	125	See drilling log attached.

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	4598'-4605'	250 gal., 15% MCA	4598'-4605'

TUBING RECORD

Size Set At Packer At

Liner Run Yes No

4608.05 X 2 7/8" 4623.25 4524'

Date of First Production 11-25-89
 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
 Oil Bbls. 3.34 Gas Mcf Water Bbls. 240 Gas-Oil Ratio Gravity 34

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.)
 Open Hole Perforation Dually Completed Conningled
 Other (Specify) _____

JAN 1989

MALLARD JV, INC.
P.O. BOX 1009
McPHERSON, KS 67460

DRILLERS' LOG

OPERATOR: Ranken Energy Corporation
2325 SW 15th Street
Edmond, OK 73013

WELL: Breit #1-16

API#: 15-135-23,395-0000

COMMENCED: November 3, 1989

LOCATION: C NW NW SW

COMPLETED: November 11, 1989

2310 Ft. FSL, 4950 Ft. FEL

TOTAL DEPTH: 4670 Ft.

SEC. 16 TWP. 18 S RGE. 26 W

ELEVATION: 2637 Ft. G.L.

COUNTY: Ness

2645 Ft. K.B.

Cut 12 1/4" hole to 226' and ran 6 joints 8-5/8" x 20# x 214.77' surface casing. Set at 224.77' and cemented with 135 sacks 60/40 Pozmix, 3% cc, 2% gel. Cement did circulate. P.D. @ 10:20 p.m. 11-3-89.

Ran 1 DST and electric log.

R.T.D. in Mississippi formation. Ran 124 joints 5 1/2" x 14# x 4659' casing. Set at 4664' with port collar at 2030'. Cemented with 25 sacks Lite with 1/4# floseal per sack, and 100 sacks EA2 with 7# Gilsonite per sack and 1/2 of 1% CFR-3. 125 sacks total. Land plug with 1000#, released and held. P.D. @ 7:40 a.m. 11-11-89.

STATE OF KANSAS)
COUNTY OF MCPHERSON) SS:

I, James H. Hess of MALLARD JV, INC. hereby certify that this is a true and correct copy of the log of the Breit #1-16 well as reflected by the files of Mallard JV, Inc.

James H. Hess
James H. Hess, Vice President

Subscribed and sworn to before me this 17th day of November, 1989.



Bryan K. Hess
NOTARY PUBLIC

15-135-23395-0000

IMAGE

INVOICE

A Halliburton Company

878532

11/11

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BREITT 1-16		NESS		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DA	
NESS CITY	MALLARD	TOP OUTSIDE PRODUCTION CASING		11/11/	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	
724776	T.C. LARSON			COMPANY TRUCK 8	

DIRECT CORRESPONDENCE TO:
 RANKEN ENERGY CORPORATION AND ENERGY CORP. SUITE 600
 2325 S.W. 15TH COLORADO DERBY BUILDING
 EDMOND, OK 73013 NOV 17 1989 WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
000-117	PRICING AREA - MID CONTINENT MILEAGE	20	MI	2.20	44.
001-016	CEMENTING CASING	4670	FT	1,122.00	1,122.
030-016	CEMENTING PLUG 5W ALUM TOP	5 1/2	IN	46.00	46.
018-317	SUPER FLUSH	12	SK	72.00	864.
314-163	CLAYFIX II	2	GAL	17.00	34.
12A	GUIDE SHOE - 5 1/2" 8RD THD.	1	EA	104.00	104.
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1	EA	83.00	83.
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.
815.19311					
40	CENTRALIZER 5-1/2" MODEL S-4	6	EA	44.00	264.
807.93022					
320	CEMENT BASKET 5 1/2"	3	EA	90.00	270.
800.8883					
60	ROTO WALL CLEANER 2 1/8" SPIKE	5	EA	22.00	110.
807.0007					
66	FASGRIP LIMIT CLAMP 5 1/2"	11	EA	11.30	124.
807.64031					
504-118	HALLIBURTON LIGHT CEMENT -PREM	25	SK	4.92	123.
504-308	STANDARD CEMENT	100	SK	5.45	545.
509-958	SALT	780	LB	.073	56.
508-127	CAL SEAL	5	SK	14.60	73.
508-291	GILSONITE	40	LB	.35	245.
507-210	FLOCELE	6	LB	1.21	7.
507-153	CFR-3	47	LB	3.80	178.
500-207	BULK SERVICE CHARGE	157	CFT	.95	149.
500-306	MILEAGE CMTG MAT DEL OR RETURN	137.380	TMI	.70	96.

B

ps. w/ J# 144790

***** CONTINUED ON NEXT PAGE *****

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT

RECEIVED
 STATE CORPORATION
 NOV 2 1989
 FORM 1900-R3
 Wichita, Kansas

15-135-23395-0000

INVOICE

A Halliburton Company

878532 11/11/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
BREITT 1-16		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		MALLARD		TOP OUTSIDE PRODUCTION CASING		11/11/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE	
724776	T.C. LARSON			COMPANY TRUCK	857	

RANKEN ENERGY CORPORATION
2325 S.W. 15TH
EDMOND, OK 73013

RANKEN ENERGY CORP.

NOV 17 1989

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	INVOICE SUBTOTAL				4,569.42
	DISCOUNT-(BID)				1,142.33
	INVOICE BID AMOUNT				3,427.09
	*-KANSAS STATE SALES TAX				78.07
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$3,505.16

RECEIVED
STATE CORPORATION COMMISSIONER

NOV 2 1990

CONSERVATION Division
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT. CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT