

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

Operator: License # 5205
Name Mid-Continent Energy Corp.
Address 155 N. Market, Suite 200
Wichita, KS 67202
City/State/Zip

Purchaser Inland Purchasing & Trans.

Operator Contact Person Bradley R. Buehler
Phone 316-265-9501

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Joel Alberts
Phone 262-6391

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

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7-7-87 7-13-87 7-24-87
Spud Date Date Reached TD Completion Date
3485'
Total Depth PBTD
8-5/8" @ 201'
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated 400
from 3452 feet depth to surface 295 SX cmt
Cement Company Name B. J. TITAN Services
Invoice # 5-10-88

API NO. 15-163-22,934-00-00
County Rooks
SE NW SE Sec. 32 Twp. 8S Rge. 17 East XX West

1650 Ft North from Southeast Corner of Section
1650 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

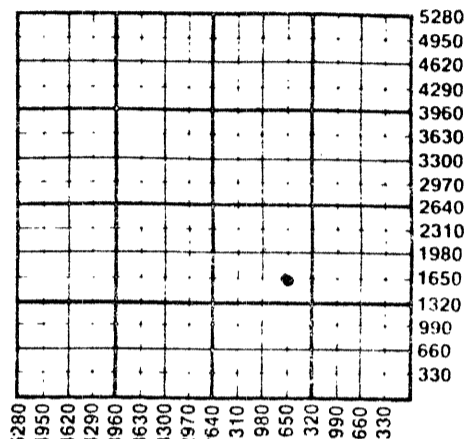
Lease Name LEWIS "A" Well # 1

Field Name Dapita, East

Producing Formation Arbuckle

Elevation: Ground 1999' 2004' KB

Section Plat



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 #

Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West

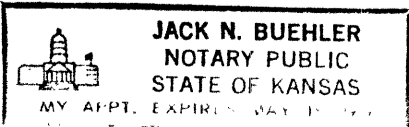
Other (explain) (purchased from city, R.W.D. #)

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 [Signature]
Title Vice President Date 4/30/88
Subscribed and sworn to before me this 30th day of APRIL 1988
Notary Public Jack N. Buehler
Date Commission Expires

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
G Wireline Log Received
C Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
RECD
5-3-88
Form ACO-1 (5-86)



SIDE TWO

Operator Name Mid-Continent Energy Corporation Lease Name Lewis "A" Well # 1

Sec. 32 Twp. 8S Rge. 17 East West County Rooks

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 3175'-3225' ran 30-30-30-30
 1st 0-en Wk Blow in 20" - 2nd open Wk blow in 10"
 REC: 70' SOCM(85%M, 10%G, 5%O)
 IFP=21/21 FFP=54/54 ISIP=497 FSIP=497
 HSP 1625/1614 BHT=108°

Name	Top	Bottom
Anhydrite	1312'	1351'
Topeka	2892'	
Heebner	3105'	
Toronto	3128'	
Lansing/KC	3148'	
BKC	3376'	
Arbuckle	3422'	
RTD	3478'	

DST#2 3222-3270 ran 30-30-60-60
 REC: 80' SOCM(80%M, 2%, 3%G, 15%W)
 IFP=21/21 FFP=54/54, ISIP=722 FSIP=722
 HSP 1657/1646 BHT=108°

DST#3 3420-3431 ran 30-60-60-60
 REC: 60' GsyO, 60' HOCM 50%, 40%M, 10%W)
 IFP=21/21 FFP=43/43 ISIP=1087 FSIP=1087
 HSP 1809/1765 BHT=111°

DST#4 3420-3436 ran 30-60-30-60
 REC: 1370' total fluid(110'OCMW)(540'HOCW)
 (180'OCMW)(540'OCMW)
 IFP=140/411 FFP=496/626 ISIP=1087 FSIP=1087
 HSP 1798/1765 BHT=11°

DST#5 3452-3467 ran 30-60-30-60
 REC: 665'MW w/oil spots
 IFP=54/183 FFP=237/291
 ISIP=1098 FSIP=1098
 HSP 1798/1754 BHT=111

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"	8-58"	20#	201'	60-40POZ	150	2%gel, 3%CC
Production	7-78"	5 1/2"	14#	3450'	Class A	295	Misc.

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 spf	3426'-3429'	shot	same
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TUBING RECORD
 Size 2" Set At 3450' Packer at 3442' Liner Run Yes No

Date of First Production July 26, 1987
 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravit.
	43	-0-	210		22
	bbl's	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3426'-3429'
 Used on Lease Dually Completed
 Commingled

BJ-TITAN SERVICES COMPANY

263-7283

15-163-22934-00-00

INVOICE DATE
7/1-7-88

DIRECT BILLING INQUIRIES TO 713-395-5021	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO BJ-TITAN SERVICES P.O. BOX 200416 HOUSTON, TX 77216
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PAGE 1	INVOICE NO. UV045
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MID-CONTINENT ENERGY

120 S. MARKET
SUITE 51
WICHITA

KS 67201

AUTHORIZED BY 362531

PURCH ORDER REF. NO.

WELL NUMBER : 4-1

CUSTOMER NUMBER : 03321000

LEASE NAME AND NUMBER LEWIS	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME HAYES	DISTRICT NO. 3270
JOB LOCATION/FIELD	MTA DISTRICT		DATE OF JOB 07/14/87	TYPE OF SERVICE LAND-LONG STRING/PRODUCE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10102120	1.00	CEMENTING THRU TUBING 3001 TO 5000	379.00		379.00
10102125	4.81	PLUS PER 100 FT BELL 3000 FT	10.80		51.95
10410504	295.00	CLASS "M" CEMENT	5.60	CF	1,653.00
10415011	105.00	BIARIX E	2.61	CF	274.05
10420145	30.16	BJ-TITAN GEL, BENTONITE, PULK SALES	6.75	CF	203.58
10415045	0.71	CALCIUM CHLORIDE, FLAKE	25.75	SK	18.19
10422005	75.00	CELLULOSE FLAKE	1.27	SK	95.25
10415031	10.00	A-5 SALT	7.30	CF	73.00
10423020	5.64	A-10 CYPSEAL	14.60	CF	82.34
10800045	400.00	MIXTURE CUSTOMERS MATERIALS, PER CUM	0.95		380.00
10940101	161.50	DRAYAGE, PER TON MILE	0.70		113.05
10109005	18.00	MILEAGE CHRG, FROM NEAREST	1.10		19.80
10430521	1.00	5-1/2" TOP RUBBER STATE CORPORATION COMMISSION	50.00	EA	50.00
10415080	4.00	GILSONITE	33.00	CF	132.00
ISSUE TOTAL					3,990.17
DISCOUNT					700.74

CONSERVATION DIVISION
Wichita, Kansas

MAY 03 1988

RECEIVED
STATE CORPORATION COMMISSION

ACCOUNT	4.00000 STATE TAX	3148.83	123.00
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870031

115204

TAX EXEMPTION STATE	PAY TO BE AMOUNT	3,270.00
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