

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 # 5585
Name Clinton Production, Inc.
Address 330 N. Armour
City/State/Zip Wichita, KS 67206

Purchaser Derby Refining
Wichita, KS

Operator Contact Person Lou Clinton
Phone 316/684-7996

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist William Stout
Phone 316/262-3828

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7/9/87	7/17/87	7/27/87
Spud Date	Date Reached TD	Completion Date
3697'	3645'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 256 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-155-21,098-0000
County Reno
NW NW NE Sec 5 Twp 24 Rge 8 East West

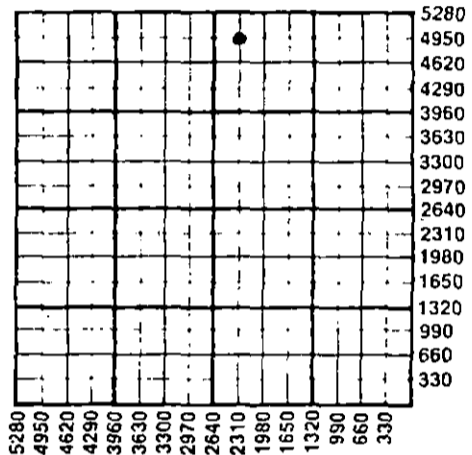
4960 4950 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Crow "B" Well # 1
Field Name Morton, North

Producing Formation Lansing Kansas City

Elevation: Ground 1667 1672 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Water Well
Division of Water Resources Permit # 87262

Groundwater 4900 Ft North from Southeast Corner (Well) 2200 Ft West from Southeast Corner of Sec 5 Twp 24 Rge 8 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 duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 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 Dale M. Robinson
Title Agent Date 9/9/87

Subscribed and sworn to before me this 9th day of September 1987
Notary Public Barbara E. Gaughron

Date Commission Expires

BARBARA E. GAUGHRON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-19-89

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
STATE OF KANSAS (Specify)
SEP 10 1987

Form ACO-1 (7-84)
KANSAS

Rec'd 9-19-87

Sec. 5, Twp. 24 Rge. 8 W

Operator Name Clinton Production, Inc. Lease Name..... Crow "B" Well #..... 131

Sec..... 5 Twp..... 24S Rge..... 8 East West County..... Reno

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 3486'-3498' 30" 60" 60" 90" Recovered 380' gas in pipe, 80' oil and gas cut watery mud ISIP 578 psi FSIP 706 psi IFP 47-47 psi FFP 47-47 psi

DST #2 3520-3565' 30" 60" 60" 90" Recovered 35' drilling mud. ISIP 94 psi FSIP 189 psi IFP 59-59 psi FFP 71-71 psi

Name	Top	Bottom
Heebner	3016	3022
Douglas	3036	3197
BR Lime	3197	3213
Lansing	3213	--
Swope	3494	3525
U. Hertha	3528	3560
L. Hertha	3560	3571
B/ Kansas City	3587	--
Mississippian	3680	NA

RELEASED

OCT 20 1988

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, Intermediate, production, etc. FROM CONFIDENTIAL							
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	20	256	60/40 Poz	160	2% gel 3% Al
Production	7 7/8	4 1/2	10.5	3679	Class A	150	5% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
4	3560-3564			500 15% Mud Acid &			
2	3541-3543			3000 15% NE Acid			
4	3495-3499			500 15% MA + 3000 15% NE			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 3/8		Set At 3611		Packer at NA			
Date of First Production		Producing Method					
8/1/87		<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	Gas	Water	Gas-Oil Ratio	Gravity	
10 Bbls		2 MCF	20 Bbls	200 CFPB	32		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3495
 Used on Lease Dually Completed 3564
 Commingled

BJ-TITAN SERVICES COMPANY

CUSTOMER

15-155-21098-0000

P. Comp. B-1

INVOICE DATE
07/09/87

DIRECT BILLING INQUIRIES TO: 713-895-5821	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. UU067
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CLINTON PRODUCTION INC
330 NORTH ARMOUR
WICHITA KS 67206

AUTHORIZED BY
284972

WELL NUMBER : ~~A-3~~ ^{B-1}

CUSTOMER NUMBER : 03452002

PURCH. ORDER REF. NO.

LEASE NAME AND NUMBER CROW	STATE 15	COUNTY/PARISH	CITY	DISTRICT NAME MEDICINE LODGE	DISTR. NO. 3350
JOB LOCATION/FIELD		MTA DISTRICT	DATE OF JOB 07/09/87	TYPE OF SERVICE LAND-CONDUCTOR/SURFACE	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100303	1.00	CEMENTING CASING 0 TO 300 FT.	375.00		375.00
10109005	120.00	MILEAGE CHRG, FROM NEAREST BASE OF	1.10		132.00
10410504	96.00	CLASS "A" CEMENT	5.30	CF	508.80
10415018	64.00	DIAMIX F	2.61	CF	167.04
10415048	4.13	CALCIUM CHLORIDE, FLAKE	25.75	SK	106.35
10420145	2.75	BJ-TITAN GEL, BENTONITE, BULK SALES	6.75	CW	18.56
10430539	1.00	8 5/8" TOP HOLE (SURFACE) PLUG	12.50	EA	12.50
10940101	432.00	DRAYAGE, PER TON MILE	0.70		302.40
10880085	160.00	MIXING CUSTOMERS MATERIALS, PER CUB	0.95		152.00
SUBTOTAL					1,774.65
DISCOUNT					624.63

RECEIVED
STATE CORPORATION COMMISSION
AUG - 2 1987

ACCOUNT	4.00000% STATE TAX 1.00000% COUNTY TAX	CONSERVATION DIVISION Wichita, Kansas	1150.02 1150.02	46.00 11.51
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TAX EXEMPTION STATUS:

PAY THIS AMOUNT

FD. 8-5 87
CL # 293

1,207.53