

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

5

155-21,109-0006

Operator: License # 5585
Name Clinton Production, Inc.
Address 330 North Armour
City/State/Zip Wichita, Ks. 67206

Purchaser Derby Refining Co.
Wichita, KS

Operator Contact Person Mr. Lou Clinton
Phone 316-684-7996

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist William M. Stout
Phone (316) 685-9160

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/28/88 7/5/88 8/25/88
Spud Date Date Reached TD Completion Date
3,680'
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 217.39 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from N/A feet depth to SX cmt
Cement Company Name BJ-Titan
Invoice # UH 116

API NO. 15-
County Reno
NW/4 SE/4 NE/4 5 24S 8W East
Sec. Twp. Rge. West

3630
990
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

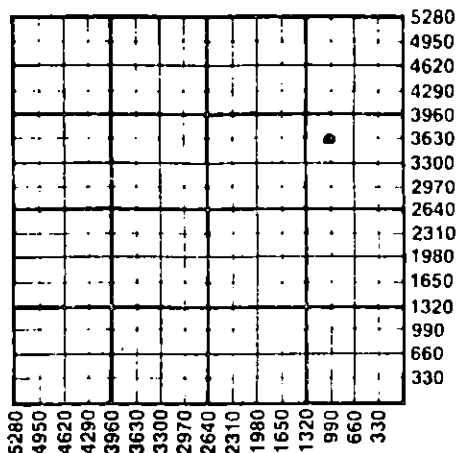
Lease Name Crow Well # C-1

Field Name Morton, N.

Producing Formation Lansing-Kansas City

Elevation: Ground 1664 KB 1669

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 # T88-314

Groundwater 3600 Ft North from Southeast Corner
(Well) 990 Ft West from Southeast Corner of
Sec 5 Twp 24S 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 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] Date 11-8-88

VALETA WATHEN
NOTARY PUBLIC
STATE OF KANSAS
Subscribed and sworn to before me this 8 day of November 1988

Notary Public Valeta Wathen

Date Commission Expires 2-24-91

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)
11-9-88 (2)

Sec. 5 Twp 24S Rge. 8 W

Operator Name Clinton Production, Inc. Lease Name Crow Well # C-1

Sec. 5 Twp. 24S Rge. 8W 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 - 3459'-3481'.
 Open 30-60-60-90. Weak blow building to fair.
 Rec. 180' gas in pipe, 65' slightly oil and gas
 cut mud (15% gas, 13% oil, 50% mud, 22% water).
 IFP 22-44 psi FFP 66-77 psi
 ISIP 739 psi FSIP 187 psi
 Temp. 112 deg.

DST #2 - 3530'-3548'
 Open 30-60-60-90. Fair blow building to strong
 in 11 min., fair blow building to strong in 8 min.
 Recovered 2275' gas in pipe, 30' slightly oil cut
 mud (20% gas, 13% oil, 62% mud, 5% water), 60'
 frothy oil (55% gas, 33% oil, 7% mud, 15% water),
 60' frothy oil (38% gas, 55% oil, 2% mud, 5%
 water).
 IFP 55-55 psi FFP 77-88 psi
 ISIP 375 psi FSIP 530 psi
 Temp. 112 deg.

Name	Top	Datum
Howard	2550'	- 881
Topeka	2662'	- 993
Heebner	3000'	-1331
Douglas	3009'	-1340
Brown Lime	3177'	-1508
Lansing	3197'	-1528
Drum	3378'	-1709
Swope	3472'	-1803
Hertha	3505'	-1871
Base Kansas City	3566'	-1897
Mississippi	3668'	-1999
LTD	3677'	-2008
RTD	3680'	-2011

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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"	20#	224'	60/40 Poz	150	2% Gel 3% CC
Production	7 7/8"	4 1/2"	10.5#	3,667'	Common	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	3472' to 3478'			500 gal. 15% mud acid		3478'	
4	3540' to 3544'			3000 gal. 15% mud acid		3478'	
4	3540' to 3544'			500 gal. 15% mud acid		3544'	
4	3540' to 3544'			3000 gal. 15% NE acid		3544'	
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	3579'	None			
Date of First Production		Producing Method					
7/29/88 (Test L. Hertha)		<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	
45 Bbls		Nil MCF	Trace Bbls	Nil	CFPB	33	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3478'
 Used on Lease Dually Completed 3544'
 Commingled