

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 # Bollinger Oil Co.
Name # 5933
Address P.O. Box 787
City/State/Zip Chanute, Ks, 66720

Purchaser..... Koch Oil Co.
..... KC-KC

Operator Contact Person Micki Bollinger
Phone 316-431-4542

Contractor: License # Company Tools
Name

Wellsite Geologist.....
Phone.....

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 N/A
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

... 3-19-85 3-19-85 7-15-85
Spud Date Date Reached TD Completion Date

... 1560'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 500 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set..... feet

If alternate 2 completion, cement circulated
from..... feet depth to 500 ft w/ 115 SX cmt

API NO. 15-..... 087-20,129 9900

County..... Jefferson

..... NW .. SW .. NE .. Sec. 17 .. Twp. 9S .. Rge. 20 .. East West

... 3630 Ft North from Southeast Corner of Section
... 2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name..... Medill Well #..... 1

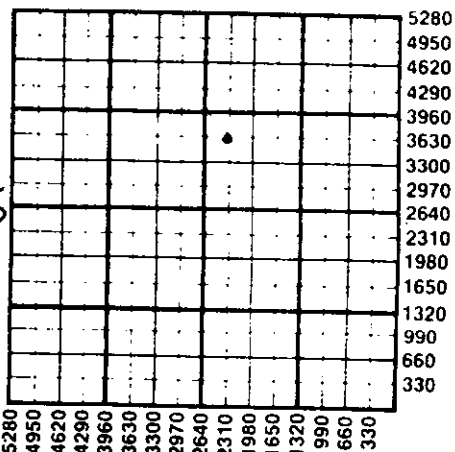
Field Name..... McLouth, North

Producing Formation..... McLouth Sand
..... KC-KC

Elevation: Ground..... KB.....

Section Plat

*RWD
08-30-85*



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 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 Micki Bollinger

Title..... Operator Date 8/30/85

Subscribed and sworn to before me this 30 day of August
19. 1985

Notary Public..... Victoria A. Wilson

Date Commission Expires..... 8/6/88

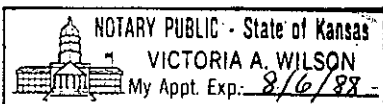
K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

Sec 17 Twp 9 Rge 20 E



SIDE TWO

Operator Name Bollinger Oil Co. Lease Name Medill Well # 1

Sec. 17 Twp. 9 Rge. 20 East West County Jefferson

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

Name	Top	Bottom
Top Soil	0	3'
Clay	3'	50'
Shale	50'	93'
Lime	93'	117'
Shale & Lime	167'	192'
Lime	192'	217'
Shale	217'	242'
Shale & Lime	242	317'
Shale	317'	367'
Gummy Shale	367'	417'
Gumbo & Lime	417'	442'
Lime	518'	543'
Shale	543'	568'
Lime & little shale	568	818
Shale	818'	843'
Shale & Lime	843'	868'
Lime & shale mix	868'	893'
Lime	893'	943'
Lime & Shale	943'	993'

(For complete log see attached)

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	9 1/2"	7"	14#	500'	Portland	115	3% Calcium
Casing	6 1/2"	4 1/2"	10#	1545'	Portland A	192	6% Gilsonite
Tubing		2 7/8"	XXXXXXXXXX	1500'	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Rods		5/8"	XXXXXXXXXX	1500'	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
20 shots	from 1494 to 1504 feet	HCL acid 15% 200 gal.	1490 - 1500'

TUBING RECORD

Size 2 7/8" Set At _____ Packer at _____

Liner Run Yes No
N/A

Date of First Production 7/15/85

Producing Method

Flowing Pumping Gas Lift Other (explain) _____

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
10 Bbls	0 MCF	50 Bbls	CFPB	22	

METHOD OF COMPLETION

Production Interval

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

RECEIVED
 STATE CORPORATION COMMISSION

AUG 30 1985

CONSERVATION DIVISION
 Wichita, Kansas

WELL LOG

BOLLINGER OIL CO.
 BOX 787
 CHANUTE, KANSAS 66720
 (316)431-4542

LEASE NAME Medill
 WELL NUMBER #1
 LOCATION S½, NE½, 17-9-20
 COUNTY Jefferson

OPERATOR Bollinger Oil Co.
 DATE 3-14-85 to 3-19-85
 SURFACE 500'
 TOTAL DEPTH 1551ft.

Surface: 500 feet of 7" cemented to top

Formation Description, Contents, Etc.	Top	Bottom	Remarks
			TIME
Top Soil	0	3'	1:20 3/14
Clay	3	50'	1:50
Shale	50'	93'	2:35
Lime	93'	117'	3:10
Lime	117'	142'	4:28
Lime	142'	167'	5:43
Shale & Lime	167'	192'	7:20
Lime	192'	217'	8:25
Shale	217'	242'	8:52
Shale & Lime	242'	267'	9:44
Shale & Lime	267'	292'	
Soft shale & lime	292'	317'	1:25
Shale	317'	342'	2:44
Shale	342'	367'	3:24
Gummy shale	367'	392'	4:06
Gummy shale	392'	417'	(394 to 450 gume shale)
Gumbo & Lime	417'	442'	8:51 3/15
Lime	442'	493'	12:23 3/16
Lime 3/4 down	493'	518'	9:30
Lime	518'	543'	
Shale	543'	568'	
Lime	568'	593'	2:34 3/17
Lime	593'	618'	3:36
Lime	618'	643'	4:36
Lime and shale little	643'	668'	5:39
Lime	668'	693'	6:40
Lime	693'	718'	7:55
Lime & little shale	718'	743'	9:20
Lime & little shale	743'	768'	10:55
Lime	768'	793'	11:54
Lime & little shale	793'	818'	12:34
Shale	818'	843'	1:10
Shale & Lime	843'	868'	1:44
Lime & shale mix	868'	893'	2:31
Lime	893'	918'	3:14
Lime	918'	943'	4:01
Lime & Shale	943'	968'	4:50
Lime & Shale	968'	993'	5:35
Shale Black, hard line 990	993'	1018'	6:50
Gray & black mixed lime	1018'	1043'	7:43
Gray & black mixed lime	1043'	1068'	8:45
Gray lime 1,092-97 lime	1068'	1093'	9:43
Shale gray & black	1093'	1118'	11:08
Shale gray & black	1118'	1143'	12:14 3/18
Gray Shale	1143'	1168'	1:35
Gray Shale	1168'	1193'	2:44
Shale	1193'	1218'	3:58
Shale	1218'	1243'	5:39
Gray Shale	1243'	1268'	6:49
Shale	1268'	1293'	8:55
Little Lime - shale	1293'	1323'	10:38
Shale	1323'	1353'	12:35
Shale	1353'	1383'	3:01
	1383'	1413'	1373 to 1378 sand
Gumbo Shale	1413'	1443'	3:01
Gumbo Shale	1443'	1473'	5:28
Oil Sand to 1493	1473'	1485'	7:45
1,508 Shale	1485'	1515'	10:44 3/19
1,525 top of Mississippi	1515'	1545'	11:54 STATE CORPORATION COMMIS
1,550 Lime & Shale	1545'	1551TD	2:05
			2:41 3-19-85 AUG 30 1985