

COPY

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

FWD

API NO. 15- 091-228830000

County Johnson XCE
W

-SW¹/₄ - SE¹/₄ - NW¹/₄ Sec. 10 Twp. 14S Rge. 25E
2,965' Feet from S (circle one) Line of Section
1,961' Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Sinclair Pipeline Crossing/Terminal Well # #1

Field Name Sinclair Pipeline Crossing/Terminal

Producing Formation NA

Elevation: Ground _____ KB _____

Total Depth 320' PBTD _____

Amount of Surface Pipe Set and Cemented at 140' Feet

Multiple Stage Cementing Collar Used? _____ Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 3 6-2-99
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:
Environmental Specialties, Kansas City, MO 64132
3001 East 83rd Street
Operator Name (816) 523-6878

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County Jackson Docket No. _____

Operator: License # 32401

Name: Sinclair Pipeline
Sinclair Oil Corporation

Address Route 4, Box 4A

City/State/Zip Carrollton, MO

Purchaser: _____

Operator Contact Person: Ernie Payne

Phone (660) 542-0206

Contractor: Name: McLean Drilling

License: 09322

Wellsite Geologist: _____

Designate Type of Completion
XX New Well _____ Re-Entry _____ Workover _____

_____ Oil _____ SWD _____ SLOW _____ Temp. Abd.
_____ Gas _____ ENHR _____ SIGW
_____ Dry XX Other (Core, WSW, Expl. Cathodic etc)

If Workover: _____

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SWD
_____ Plug Back _____ PBTD

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

12-23-98 _____ 5-12-99
Spud Date _____ Date Reached TD _____ Completion Date _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report 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.

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.

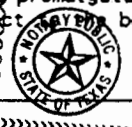
Signature Andy Cowan

Title Operator

Subscribed and sworn to before me this 20th day of May, 1999.

Notary Public Patsy Vance

Da. Commission Expires May 30, 2001



K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached _____
Wireline Log Received _____
Geologist Report Received _____

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify) IS

MAY 24 1999

Operator Name Sinclair Pipeline
Sinclair Oil Corporation Lease Name Sinclair Pipeline
Crossing/Termianl Well # #1
 East County Johnson
 West
 Sec. 10 Twp. 14S Rge. 25E

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given, 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.)
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

CASING RECORD <input 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
	14 3/4"	7 7/8"		140'	Neat	85	Portland w/ water

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug-Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

ORIGINAL

JOB NO. 98108
 CLIENT Sindain P/L
 SUBJECT 300' Deep Bed
 DEEP GROUND BED DATA

MESA CORROSION CONTROL, INC.

SHEET 1 OF 2
 DATE 5-13-99
 PREPARED BY: Art H.D.
 CHECKED BY: _____

Contractor McLean Drilling Unit No. _____
 Well _____ Line _____
 State K.S. County _____
 Section _____ Range _____ Twp _____
 Depth 310' Dia. 8" Casing 140'
 Coke 4500# CARBON 60 Backfill 600# BENTONITE PEA GRAVEL vent 1" ALL VENT
 Wellhead _____ Cable # 8 HALAR
 Anodes 3X60 GRAPHITE No. Anodes 20

BATT. 12.94
 Goodall Rectifier
 Model - CSAYSE 50-50N
 Serial - 93C2117
 DCV - 50 PCA - 50
 Setting
 DCV - 7.4 PCA - 15.1
 C-1 F-3

DEPTH FEET	GEOLOGICAL DRILLING LOG			ELECTRICAL LOG			ANODE NO.	ANODE DEPTH (TOA)	FINAL PLACEMENT		
	VOLT	AMP	OHM	VOLT	AMP	OHM			VOLT	AMP WATER	AMP COKE
10	0-5	Top Soil									
20	5-45	Yellow Clay									
30	45-58	Shale									
40	58-137	Limestone									
50	137-310	Blue Shale									
60											
70											
80											
90	0-132	Red Gravel									
100	132-142	Bentonite									
110							20	147			2.8
120							19	155			4.5
130	0-140'	8" PVC					18	163			4.8
140				12.94	1.7		17	171	12.94		5.9
150					1.5		16	179			6.0
160					1.6		15	187			5.3
170		Blue Shale			1.4		14	195			4.5
180					1.5		13	203			4.5
190					1.5		12	211			4.5

REMARKS:

RECEIVED
 STATE COMMISSION

MAY 24 1999

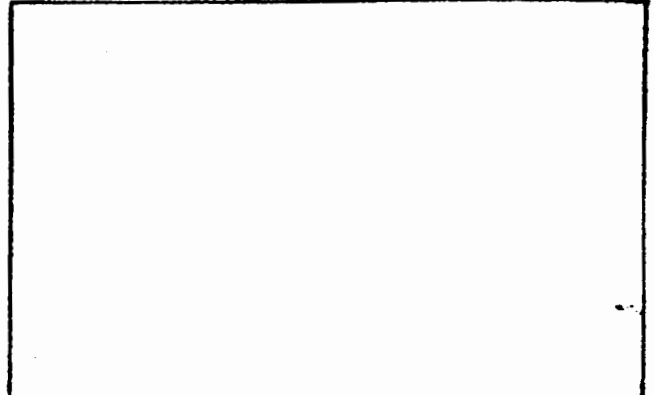
CONSERVATION DIVISION
 Wichita, Kansas

JOB NO. 98108
CLIENT _____
SUBJECT _____
DEEP GROUND BED DATA.



SHEET 2 OF 2
DATE _____
PREPARED BY: _____
CHECKED BY: _____

Contractor _____ Unit No. _____
Well _____ Line _____
State _____ County _____
Section _____ Range _____ Twp _____
Depth _____ Dia. _____ Casing _____
Coke _____ Backfill _____ Vent _____
Wellhead _____ Cable _____
Anodes _____ No. Anodes _____



DEPTH FEET	GEOLOGICAL DRILLING LOG			ELECTRICAL LOG			ANODE NO.	ANODE DEPTH (TOA)	FINAL PLACEMENT		
				VOLT	AMP	OHM			VOLT	AMP WATER	AMP COKE
200	137-310	Blue	Shale	1294	1.5		11	219	1294		5.5
210					1.6		10	227			6.2
220					2.0		9	235			5.8
230					2.0		8	243			5.0
240					1.4		7	257			5.3
250					1.7		6	259			6.1
260					1.7		5	267			5.5
270					1.6		4	275			6.0
280					1.8		3	283			6.2
290					1.6		2	291			6.0
300					1.9		1	299			5.9
310	T.D.	307'		1294	1.5				1294		

REMARKS:

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MAY 24 1999

CONSERVATION DIVISION
Wichita, Kansas