

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # N/A
Name: Hayse Management Services for Semcrude LP
Address 1: PO Box 107
Address 2: _____
City: Mullinville State: KS Zip: 67109 + _____
Contact Person: Dale Hayse
Phone: (620) 548-2369
CONTRACTOR: License # KDHE - 639
Name: Hayse Management Services
Wellsite Geologist: N/A
Purchaser: N/A

Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW
☐ Gas ☐ ENHR ☐ SIGW
☐ CM (Coal Bed Methane) ☐ Temp. Abd.
☐ Dry ☒ Other _____
(Core, WSW, Expl. Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: N/A
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr. ☐ Conv. to SWD
☐ Plug Back: _____ Plug Back Total Depth: _____
☐ Commingled Docket No.: _____
☐ Dual Completion Docket No.: _____
☐ Other (SWD or Enhr.?) Docket No.: _____

7/2/07 7/2/07
Spud Date or Completion Date or
Recompletion Date Date Reached TD Completion Date or
Recompletion Date

API No. 15 - 155-21519-00-00

Spot Description: _____
NE NE NE NW Sec. 22 Twp. 24 S. R. 4 ☐ East ☒ West
5250 Feet from ☒ North / ☐ South Line of Section
2890 Feet from ☐ East / ☒ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Reno

Lease Name: N/A Well #: 53

Field Name: N/A

Producing Formation: N/A

Elevation: Ground: 1465 Kelly Bushing: _____

Total Depth: 60' Plug Back Total Depth: 60'

Amount of Surface Pipe Set and Cemented at: N/A 60 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ AT-3-Dlg-4/2/09 ^{sx gmt}

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: N/A ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

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 of 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: [Signature]

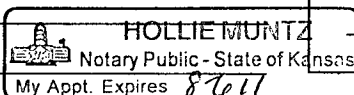
Title: Supv. Date: 3-30-09

Subscribed and sworn to before me this 30 day of MARCH

20 09

Notary Public: [Signature]

Date Commission Expires: 8-6-11



KCC Office Use ONLY

☐ Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

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KANSAS CORPORATION COMMISSION

MAR 31 2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Hayse Management Services for Semcrude LP Lease Name: N/A Well #: 53
 Sec. 22 Twp. 24 S. R. 4 ☐ East ☒ West County: Reno

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <div style="display: flex; justify-content: space-between;"> Name Top Datum </div>
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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
N/A							

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	60'	Bentonite Grout	N/A	None

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

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. N/A			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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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15-155-21519-0000

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 Spruce Street Halstead, Kansas 67056 (316) 835-2224

FORM CP-15

As-Built

**APPLICATION FOR PERMIT TO DRILL AND CONSTRUCT
AN UNCASSED CATHODIC PROTECTION BOREHOLE**

Permit Application Number CPB- 53

To the Equus Beds Groundwater Management District No. 2:

Comes now the Applicant Hayse Management Services for Sim Crude

Whose Address is

PO Box 107 Mullinville Kansas 67109
(P.O. Box or Street) (City) (State) (Zip Code)
Telephone No. 620 548-2369
(Area Code) (Telephone)

And makes application to the Equus Beds Groundwater Management District No. 2 for a permit to drill and construct a cathodic protection borehole in and through the Equus Beds aquifer in the county of Reno, State of Kansas, to the extent and in accordance with the following:

1. The location of the proposed cathodic protection borehole is in the NE quarter of the NE quarter of the NW quarter of Section 22, Township 24, south, Range 4 west and more particularly described as being near a point 5250 feet north and 2890 feet west of the apparent southeast corner of said section. (Long View Road, Reno County, Ks)
2. The proposed use of the cathodic protection borehole is to provide cathodic protection of the applicant's Transmission Pipeline facility from electrochemical corrosion.
3. The land surface elevation is 1465 feet above mean sea level and the method of measurement used was (b) topographic map.
4. The depth to surface or top of bedrock or shale is 310 +/- feet below land surface.
5. The depth to the water table of the fresh water aquifer is 11 feet below land surface.
6. Aquifer salinity as indicated by chloride concentration is 190 mg/L and was determined by: (a) published report from (b) test well data.
7. The total depth of the cathodic protection borehole will not penetrate the bedrock surface and will be completed 60 feet below land surface.
8. The diameter of the uncased cathodic protection borehole will be a minimum of 8 inches.

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EBGWMD2 Form -CP-15

12-Dec-00

- _____ Hayse Management Services _____
(Applicant)
- By  _____
(Signature)

Supervisor
(Title)

Equus Beds Groundwater Management District No. 2

APPLICANT - DO NOT CONTINUE BELOW DOUBLE LINE

For Equus Beds Groundwater Management District Use

1) Application received on 4/13/07 modified 4-25-07 + 5-1-07

2) Application review by Tim Boese

Hydrologist, GMP2
(Title)

3) The application is hereby denied. The denial was based on the following findings:

4) The application meets or exceeds the Cathodic Protection Borehole K.A.R. 82-3-700 and K.A.R. 82-3-705 through K.A.R. 82-3-710 and is hereby approved by Board of Directors, Equus Beds Groundwater Management District No. 2 this 1st day of May, 20 07.

Tim Boese

Equus Beds Groundwater Management District No. 2

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Equus Beds Groundwater
Management District No. 2

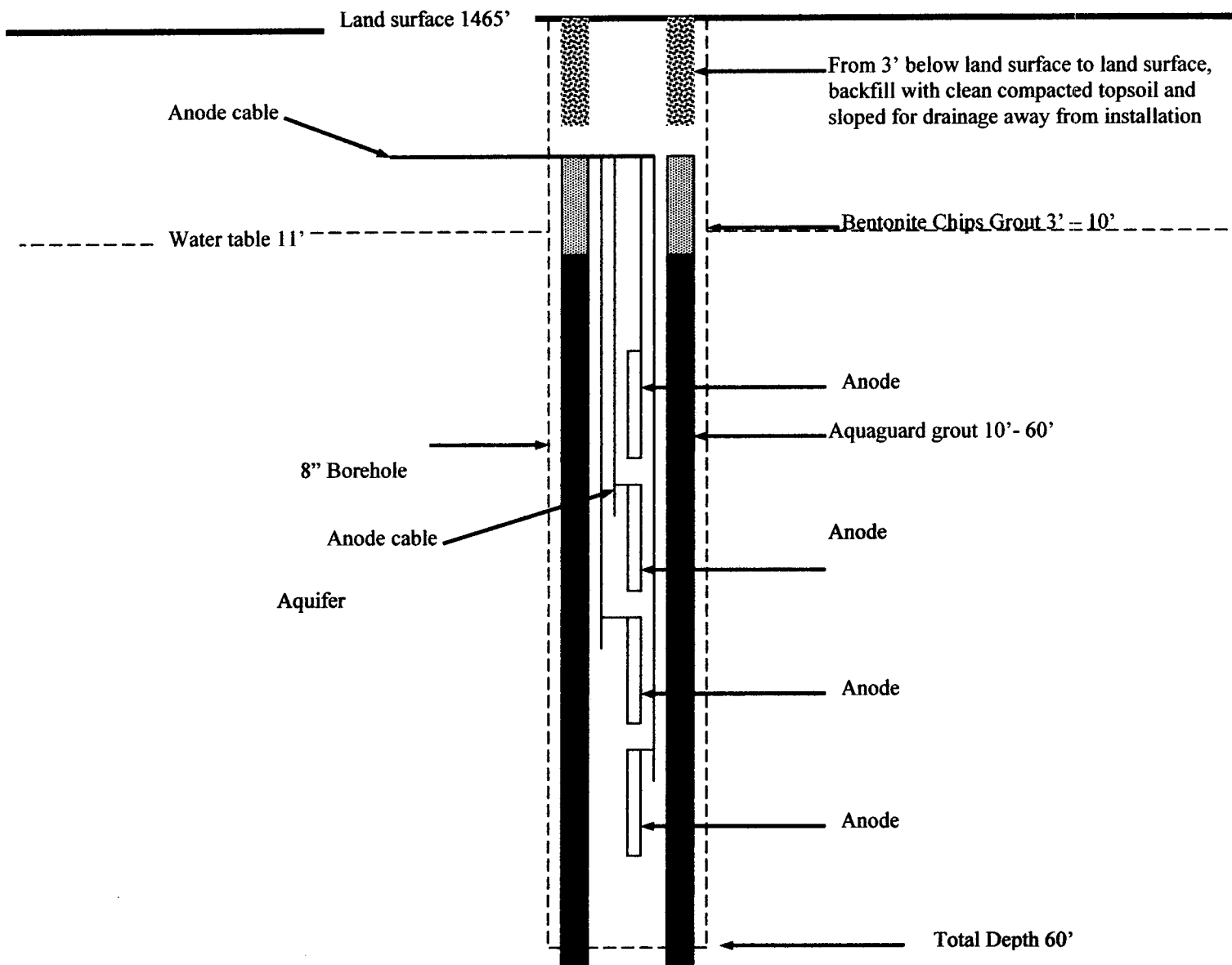
EBGMD2 Form - CP-15
Rev: 23 Aug 06

EQUUS GROUNDWATER MANAGEMENT DISTRICT NO. 2

CATHODIC PROTECTION BOREHOLE ILLUSTRATION

Uncased Borehole Construction Features

Long View Road
Reno County, Kansas
Borehole #1



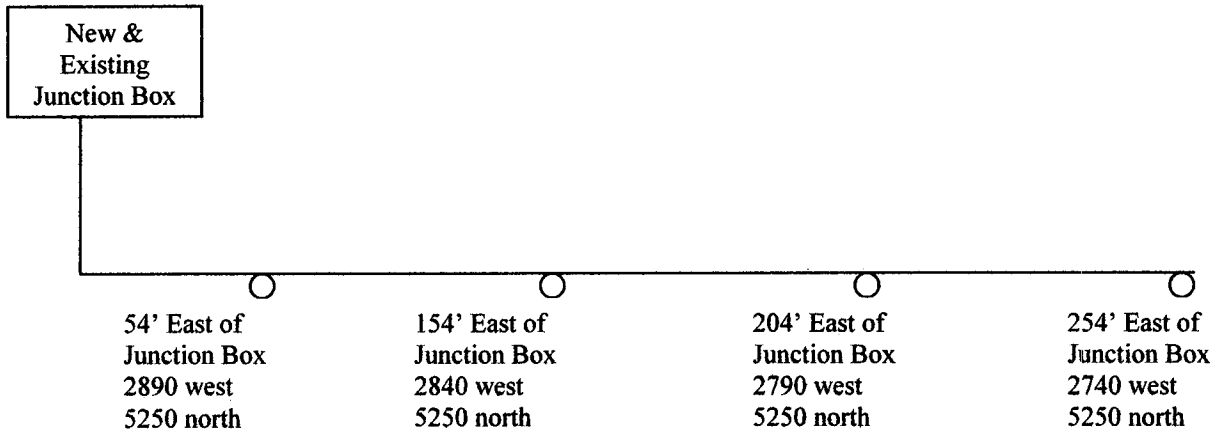
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Equus Beds Groundwater
Management District No. 2

Sim Crude
Haven, Kansas
Ground Bed
Installed: July 2007

Longview Road, Reno County, Kansas



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Equus Beds Groundwater
Management District No. 2

Division of Water Resources; App. No.

KSA 82a-1212