

Confidentiality Requested:

☐ Yes ☒ NoKANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33659
 Name: ONEOK NGL Pipeline, LLC
 Address 1: 100 WEST 5TH STREET
 Address 2: _____
 City: TULSA State: OK Zip: 74103 + 4298
 Contact Person: Wiley Martens
 Phone: (918) 588-7632
 CONTRACTOR: License # 33421
 Name: Woofter Pump & Well, Inc.
 Wellsite Geologist: Brewer
 Purchaser: _____

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM (Coal Bed Methane)

☒ Cathodic ☐ Other (Core, Expl., etc.): _____

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #: _____
☐ Dual Completion Permit #: _____
☐ SWD Permit #: _____
☐ EOR Permit #: _____
☐ GSW Permit #: _____

08/15/2018 08/22/2018 08/27/2018
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

API No.: 15-155-21755-00-00

Spot Description: _____

SW-NW-NW Sec. 35 Twp. 23 S. R. 7 ☐ East ☒ West
5366 Feet from ☐ North / ☒ South Line of Section
4111 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SWGPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84County: RenoLease Name: MP 173.896 Well #: 1

Field Name: _____

Producing Formation: CathodicElevation: Ground: 1606 Kelly Bushing: 1606Total Vertical Depth: 315 Plug Back Total Depth: _____Amount of Surface Pipe Set and Cemented at: 160 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 253 bblsDewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Plumb Thicket LandfillLease Name: PTL License #: 33659Quarter N2 Sec. 3 Twp. 31 S. R. 5 ☐ East ☒ WestCounty: Harper Permit #: 33659

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☐ Confidentiality Requested

Date: _____

☐ Confidential Release Date: _____☐ Wireline Log Received ☐ Drill Stem Tests Received☐ Geologist Report / Mud Logs Received☐ UIC DistributionALT ☐ I ☐ II ☒ III Approved by: Rene Stucky Date: 04/14/2020

Operator Name: ONEOK NGL Pipeline, LLC Lease Name: MP 173.896 Well #: 1
 Sec. 35 Twp. 23 S. R. 7 ☐ East ☒ West County: Reno

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken ☐ Yes ☒ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☒ No Cores Taken ☐ Yes ☒ No Electric Log Run ☐ Yes ☒ No Geologist Report / Mud Logs ☐ Yes ☒ No List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☐ Sample Name NA Top NA Datum NA
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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	16	10	8	160	Portland	25	0

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate	-			
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☒ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>
TUBING RECORD: Size: Set At: Packer At:					

Form	ACO1 - Well Completion
Operator	ONEOK NGL Pipeline, LLC
Well Name	MP 173.896 1
Doc ID	1492622

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	16	10	8	160	Portland	25	0

JEFF WINTER, PRESIDENT
VIN KISSICK, VICE PRESIDENT
ALAN BURGHART, SECRETARY
MIKE MCGINN, TREASURER
TIM BOESE, MANAGER
THOMAS A. ADRIAN, ATTORNEY



DIRECTORS:
DAVID BOGNER
JOE PAJOR
DALE SCHMIDT
BOB SEILER
DAVID STROBERG

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 SPRUCE STREET • HALSTEAD, KANSAS 67056-1925 • PHONE (316) 835-2224 • FAX (316) 835-2225 • equusbeds@gmd2.org • www.gmd2.org

April 2, 2018

Coy D. Pyle
ONEOK NGL Pipeline, LLC
100 W. Fifth Street
Tulsa, OK 74103

Re: Application No. CPB-90 – ONEOK NGL Pipeline, LLC

Dear Sir:

The Equus Beds Groundwater Management District No. 2 reviewed the referenced application, April 2, 2018, using the District's Revised Management Program (effective May 1, 1995) and Rules and Regulations K.A.R. 82-3-700, K.A.R. 82-3-705 through K.A.R. 82-3-710.

Based on the review, the application complied with the Cathodic Protection Regulations and the Revised Management Program and is hereby **approved** by the Equus Beds Groundwater Management District No. 2. Please note that the location of the surface casing centralizers was corrected on the application, as centralizers must be installed beginning at the casing's total depth, which is projected to be approximately 160 feet below land surface. The application incorrectly stated the centralizers would be installed beginning at 140 feet below land surface.

Please notify the District 72 hours before drilling and constructing the cathodic protection borehole.

Thank you for your cooperation and assistance in protecting our groundwater resources from contamination.

Sincerely,
EQUUS BEDS GROUNDWATER
MANAGEMENT DISTRICT NO. 2

Tim Boese
Manager
TDB/db

Enclosures

pc: Ryan Hoffman, Kansas Corporation Commission
Russ Zora, Apex Companies LLC

EQUUS BEDS GROUNDWATER MANAGEMENT DISTRICT NO. 2

313 Spruce Street
Halstead, Kansas 67056
Phone: (316) 835-2224 Fax: (316) 835-2225

FORM CP-10
APPLICATION FOR PERMIT TO DRILL AND CONSTRUCT
A CASED CATHODIC PROTECTION BOREOLE
Referencing Kansas Corporation Commission Regulations
K.A.R. 82-3-700 through K.A.R. 82-3-710

Permit Application Number CPB - 90

To the Equus Beds Groundwater Management District No. 2:

Applicant: ONEOK NGL Pipeline, LLC

Address: 100 W. Fifth Street Tulsa OK 74103
(P.O. Box or Street) (City) (State) (Zip Code)

Telephone: (918) 732-1382
(Area Code) (Telephone)

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 the accordance with the following:

1. The location of the proposed cathodic protection borehole is in the SW quarter of the NW quarter of the NW quarter of Section 35, Township 23 south, Range 7 west and more particularly described as being near a point 4,111 feet north and 5,366 feet west of the apparent southeast corner of said (irregular) section.
2. The proposed use of the cathodic protection borehole is to provide cathodic protection of the applicant's subsurface pipeline facility from electrochemical corrosion.
3. The land surface elevation is 1,614 feet above mean sea level and the method of measurement used was (a) ☐ surveyed, (b) ☒ topographic map, or (c) ☐ other _____.
4. The depth to surface or top of bedrock or shale is 130-140 feet below land surface (bls).
5. The depth to the water table of the fresh water aquifer is ~40 feet bls.
6. Aquifer salinity as indicated by chloride concentration is 200-400 mg/L and was determined by: (a) ☐ published report, (b) ☐ test well data, or (c) ☒ other (GMD2 correspondence).
7. The total depth of the cathodic protection is 315 feet bls.
8. A non-metallic surface casing equipped with centralizers will be installed in the surface casing borehole when drilling has penetrated 160 feet bls, which is a minimum of 20 feet below bedrock or shale surface as listed in paragraph #4.

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9. Casing centralizers will be installed on the surface casing beginning at the surface casing's total depth and at 40 feet intervals along the complete length of the surface casing at depths of 140 , 100 , 60 , 20 , _____ , _____ , _____ , _____ feet bls. * 160 , 120 , 80 , 40 , 0-10 * TDB, GMD2 4-2-18
10. The diameter of the surface casing borehole will be a minimum of six inches larger than the outside diameter of the surface casing. The diameter of the borehole containing the surface casing will be 16.75 inches and the outside diameter of the surface casing will be 10.75 inches.
11. The standard dimension ratio (SDR) of the surface casing calculated by dividing the surface casing's outside diameter (OD) of 10.75 inches by its minimum wall thickness (MWT) of 0.593 inches equals 18.13.
12. A pitless surface casing adapter will be installed in the surface casing 5 feet bls.
13. The annular space between the surface casing and the borehole will be grouted using: (a) ☒ cement, (b) ☐ neat cement, (c) ☐ bentonite clay grout, (d) ☐ bentonite cement, or (e) ☐ other _____ from a total surface casing depth of 160 feet bls to 3 feet bls.
14. The top of the surface casing will be fitted with a watertight cap and will: (a) ☐ terminate _____ feet above land surface, (b) ☐ terminate in a water resistant and structurally sound vault _____ feet bls, or (c) ☒ be buried 3 feet bls.
15. The SAE EnviroAnode system will be installed beginning at a depth of 315 feet bls to a total depth of 165 feet bls.
16. Anode conductor material (Conducrete) will be installed beginning at a depth of 315 feet bls to a total depth of 165 feet bls.
17. An anode vent pipe will be not be installed and completed above land surface (Not required for SAE Conducrete installations).
18. A concrete base or pad will not be constructed around the above ground surface casing or vault.
19. Will the use of a drilling pit threaten to contaminate fresh and usable groundwater?
☐ Yes ☒ No. If Yes, complete sections (a) and (b).
 a. The pit will be: (i) ☐ constructed so that the bottom and sides have a hydraulic conductivity no greater than 1×10^{-7} cm/sec., (ii) ☐ constructed above ground, or (iii) ☒ a portable above ground tank, and
 b. The applicant has submitted a surface pond application to the Director, Conservation Division, Kansas Corporation Commission. ☐ Yes ☐ No.
20. Has the applicant filed a completed Form KSONA-1 and plat map with this application? ☒ Yes ☐ No
21. Does the Form KSONA-1 indicate that the applicant has provided the surface owner with a copy of this application, including the Form KSONA-1 and plat map? ☒ Yes ☐ No.
22. A construction plan is submitted with the application and shows or illustrates the information contained in paragraphs #4 through #18.

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23. The cathodic protection borehole will be abandoned and plugged if it: (a) is not completed due to unforeseen circumstances, (b) either contaminates or threatens to contaminate a fresh water aquifer, (c) encounters uncontrollable artesian flow, (d) has exhausted its anodes and replacement anodes are not installed within one year, or (e) has not been used for one year and the applicant does not demonstrate intentions to use it.

24. The applicant understands and agrees to comply with K.A.R. 82-3-700 through 82-3-710. Further, the applicant may request an exception to these regulations pursuant to K.A.R. 82-3-100(b).

25. Dated at _____, Kansas, this 27th day of October, 2017.

Coy D. Pyle

(Applicant)

By _____

C. D. Pyle

(Signature)

Environmental Specialist

(Title)

APPLICANT DO NOT CONTINUE BELOW DOUBLE LINE

For Equus Beds Groundwater Management District #2 Use

- 1) Application received on 11/27/17 ^(part); 2/1/2018 ^(complete)
2) Application reviewed by

Tim Boese, Manager
(Title)

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

- 4) The application meets or exceeds Cathodic Regulations K.A.R. 82-3-700 through K.A.R. 82-3-710 and is hereby approved by the Equus Beds Groundwater Management District No. 2 this 2nd day of April, 20 18.

Tim Boese

Tim Boese, Manager
Equus Beds Groundwater Management District No.2

IN ALL CASES, PLEASE FULLY COMPLETE THIS FORM.

Operator: ONEOK NGL Pipeline, LLC
 Facility Name: MP 173.896
 Borehole Number: 1

Location of Well: 1,015 feet from ☒ N / ☐ S Line of Section
36 feet from ☐ E / ☒ W Line of Section
 Sec. 35 Twp. 23 S Rng. 7 ☐ E ☒ W
 Is Section: ☐ Regular or ☒ Irregular
If Section is Irregular, locate well from nearest corner boundary.
 Section corner used: ☐ NE ☒ NW ☐ SE ☐ SW

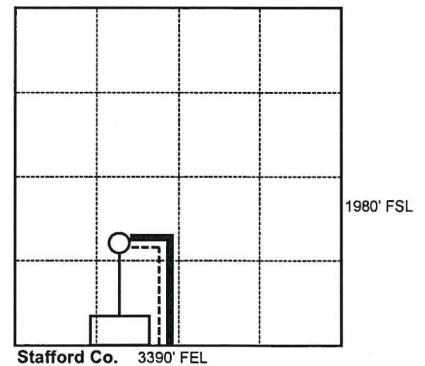
PLAT

Show location of the Cathodic Borehole. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines, and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.

NOTE: In all cases, locate the spot of the proposed drilling location.

LEGEND

- ☐ Well Location
- ☐ Tank Battery Location
- Pipeline Location
- - - Electric Line Location
- Lease Road Location



- The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- The distance of the proposed drilling location from the section's south / north and east / west line;
- The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

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PAGE 1 OF 1

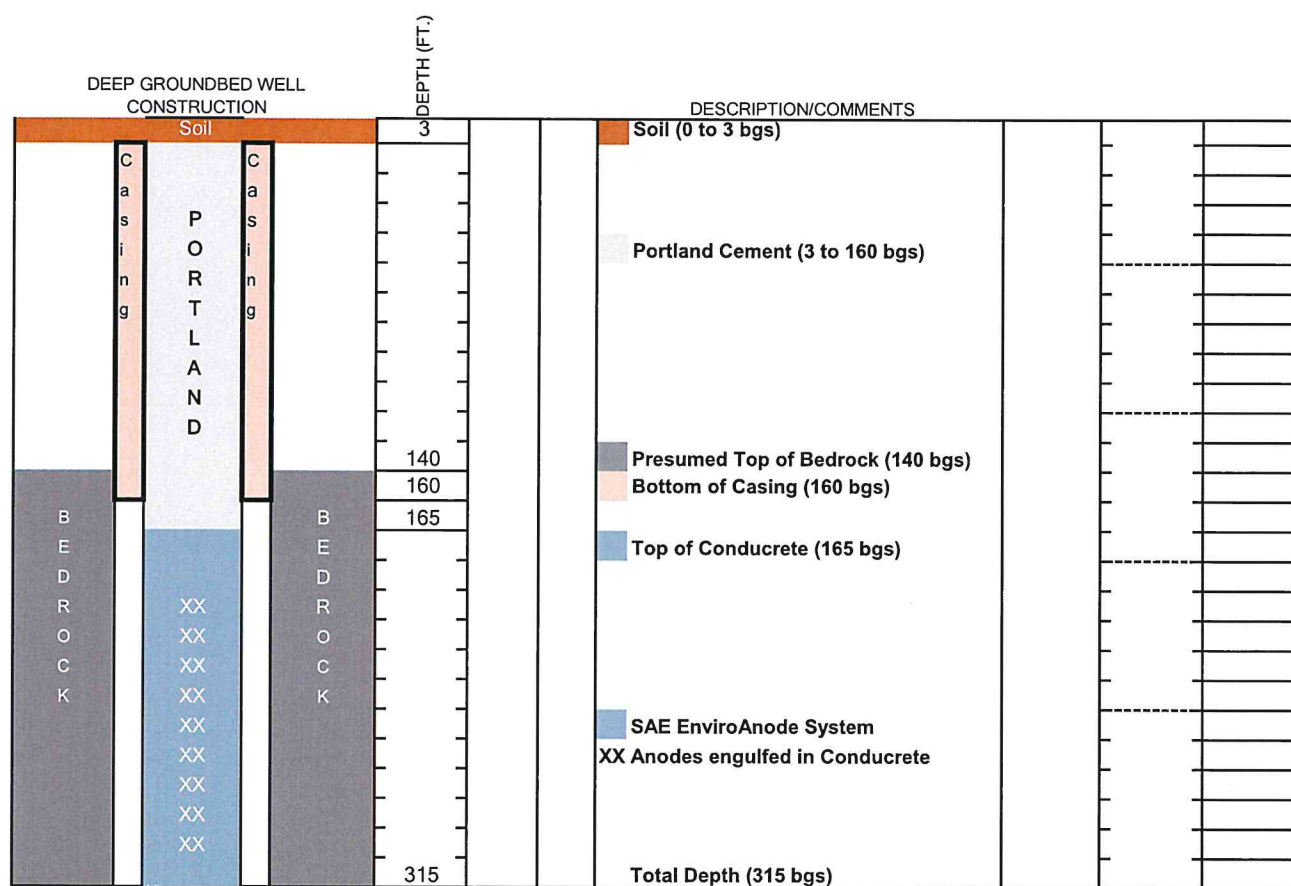
SITE: Reno County LOCATION: Kansas

DRILLING

LOGGED _____ DRILLING _____

BY: _____ METHOD: Wet Rotary or Dry FLUID Water if wet rotary

	TYPE	INTERVAL	MATERIAL	JOINT LENGTH	DIAMETER
CASING:	SDR 21	3-160'	PVC		10" nominal
GROUT:					
SEAL:					

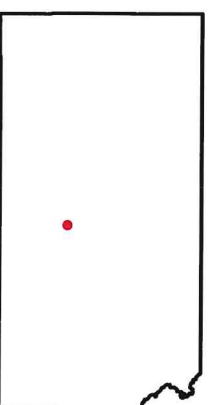


Initial Depth to Water:	
Static Depth to Water:	
Comments	Not to scale

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Equus Beds GMD #2



Legend

- Pipeline
- R Rectifier
- Deep Well GroundBed

GroundBed Location:
1015' from N section line
36' from W section line

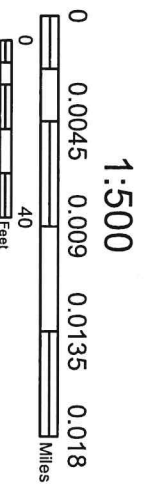
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Equus Beds GMD #2

The locations shown on the plat are preliminary non-binding estimates. Pipeline and Groundbed are below ground features. Rectifier is an above ground feature.

CHECK BY RZ
DRAWN BY TT
DATE: 11/22/2017
SCALE AS SHOWN
PRJ NO. 453167-002



Figure

1

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FEB 01 2018

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISIONForm CDP-1
July 2014
Form must be Typed

APPLICATION FOR SURFACE PIT

Equus Beds GMD #2

Submit in Duplicate

Operator Name: ONEOK NGL Pipeline, LLC		License Number: 33659	
Operator Address: 100 W. Fifth Street		Tulsa OK 74103	
Contact Person: Wiley Martens		Phone Number: 580-395-6322	
Lease Name & Well No.: Weaver MP 173.896		Pit Location (QQQQ): ____ - SW - NW - NW Sec. 35 Twp. 23 R. 7 ☐ East ☒ West 4,111 Feet from ☐ North / ☒ South Line of Section 5,366 Feet from ☒ East / ☐ West Line of Section Reno _____ County	
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☒ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit (If WP Supply API No. or Year Drilled)		Pit is: ☒ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: 102 _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? ☒ Yes ☐ No		Chloride concentration: _____ mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level? ☐ Yes ☒ No		Artificial Liner? ☒ Yes ☐ No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) ☒ N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) ☐ No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure. HDPE lined roll-off box		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. Inspected when placed in roll-off box and re-inspected prior to discharge of drill cuttings into roll-off box.	
Distance to nearest water well within one-mile of pit: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: ☐ measured ☐ well owner ☐ electric log ☐ KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Water and bentonite Number of working pits to be utilized: 1 Abandonment procedure: <u>Drilling mud/fluids will be collected and placed in metal pit (roll-off). Drilling mud/fluids will be removed from site and disposed off-site at a permitted facility.</u> Drill pits must be closed within 365 days of spud date.	
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.			
02/01/2018 Date		Coy Pyle Signature of Applicant or Agent	

KCC OFFICE USE ONLY

☐ Liner ☐ Steel Pit ☐ RFAC ☐ RFAS

 Date Received: _____ Permit Number: _____ Permit Date: _____ Lease Inspection: ☐ Yes ☐ No

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form CDP-1 Instructions
July 2014

APPLICATION FOR SURFACE PIT (FORM CDP-1)

Instructions

General Instructions.

1. All Notices of Intent to Drill must include an Application for Surface Pit, even if steel pits will be used.
2. Operators need to submit two copies of all CDP-1s.
3. Form must be typed.

Section 1: Operator Information.

- 1a. **Operator Name.** Enter the operator's full name as it appears on operator's license.
- 1b. **License Number.** Enter the operator's license number. To verify KCC operator license information check the Commission's website at http://kcc.ks.gov/conservation/oil_license.cgi or contact the Conservation Division's Licensing Department at (316) 337-6194.
- 1c. **Operator Address.** Enter the operator's mailing address.
- 1d. **Contact Person.** Enter the name of the individual who will be the operator's contact person for this Application for Surface Pit, should Conservation Division Staff need to contact the operator about the Application for Surface Pit. The contact person may be the operator or the operator's agent.
- 1e. **Phone Number.** Enter the phone number of the contact person, so that Conservation Division Staff may easily reach the contact person if necessary.

Section 2: Lease/Well/Pit Information.

- 2a. **Lease Name & Well No.** Enter the name of the lease, and if applicable the well number, at which the pit is or will be located.
- 2b. **Type of Pit.** Mark the appropriate box to indicate the type of pit. Note—if the pit is a workover pit, the operator must enter the API No. or Year Drilled of the well which is to be worked over.
- 2c. **Proposed or Existing Pit.** Operator should mark the appropriate box to indicate if the pit is proposed or already exists.
 - 2c(1). **Existing Pits.** The operator should provide the date pit was constructed.
 - 2c(2). **Proposed and Existing Pits.** The operator must provide the pit capacity.
- 2d. **Pit Location.**
 - 2d(1). **¼ ¼ ¼ ¼ Section.** The operator should list the location of the pit by ¼ ¼ ¼ ¼ Section.
 - 2d(2). **Sec., Twp., and R.** The operator should enter the Section, Township and Range Number in which the pit is located, and should mark either the "East" or "West" box to indicate if the Range # is East or West.
 - 2d(3). **Footage Location.** This is where the operator reports the location of the pit from the North or South section line and the East or West section line. Enter in the blank provide the number of feet the pit is or will be from the North or South section line and then mark the appropriate box for the measurement to indicate if the footage is from the North or South section line. Follow the same procedure with respect to the location of the pit from the East or West section line.
 - 2d(4). **County.** Enter the county in which the pit is or will be located.
- 2e. **Sensitive Groundwater Area.** Mark the appropriate box as to whether or not the pit is located in a Sensitive Groundwater Area. Operators may find a listing of Sensitive Groundwater Areas in Table III of the Conservation Division's Rules and Regulations. The Commission's rules and regulations for the conservation of oil and gas, including Table III, are available in an Adobe pdf file from the Conservation Division's website at <http://kcc.ks.gov/conservation/index.htm>.
- 2f. **Chloride Concentration (for emergency and settling pits only).** Indicate the chloride concentration level of fluids which the pit is or will be used to contain. A sample should be taken from the salt water tank. This information is needed to determine the potential for contamination should the salt water tank discharge into the emergency pit.

- 2g. **Below Ground Level.** Mark the appropriate box to indicate whether the bottom of the pit is below ground level.
- 2h. **Artificial Liner.** Mark the appropriate box to indicate whether the pit is or will be constructed with an artificial liner.
- 2i. **Other Liner.** Explain how the pit is constructed if a plastic liner is not used.
- 2j. **Pit Dimensions (all but working pits).** For all but steel pits, enter the length, width, and depth (from ground level to the deepest point) in feet of the pit. If the pit is a steel pit, the operator only needs to mark the "steel pits" box. If no pits will be used, mark the "No Pit" box.

Section 3: Description of Liner.

If the pit is lined, enter a brief description of the liner material, thickness, and installation procedure.

Section 4: Description of Maintenance.

Enter a brief description of the procedures used for periodic maintenance and determining liner integrity, including any special monitoring.

Section 5: Distance to Nearest Water Well Within One Mile of Pit.

Enter the distance to the nearest water well within one mile of the pit location and the total depth of the water well. If there are not any water wells within a one-mile radius of the pit location, the space should be left blank. Water well information is available from the Kansas Geological Survey's website, at <http://www.kgs.ku.edu/Magellan/WaterWell/index.html>.

Section 6: Shallowest Freshwater Depth.

Enter the depth to the shallowest fresh water in the area of the pit and mark the appropriate box as the source of the freshwater information.

Section 7: Emergency, Settling, and Burn Pits ONLY.

Enter the formation from which wells on the lease are producing, the number of producing wells on the lease, and the number of barrels of fluids produced daily on the lease. The operator should also mark the appropriate box to indicate if the slope of the tank battery allows all spilled fluids to flow in the pit.

Section 8: Drilling, Workover, and Haul-Off Pits ONLY.

Enter the type of material utilized in the drilling or workover of the well, the number of working pits to be utilized, and the procedure to be used for abandoning the pits after work at the well is complete.

Section 9: Affidavit.

Date and sign the certification that the above statements are true and correct to the best of the signee's knowledge and belief.

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FEB 01 2018

Equus Beds GMD #2

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202 Equus Beds GMD #2

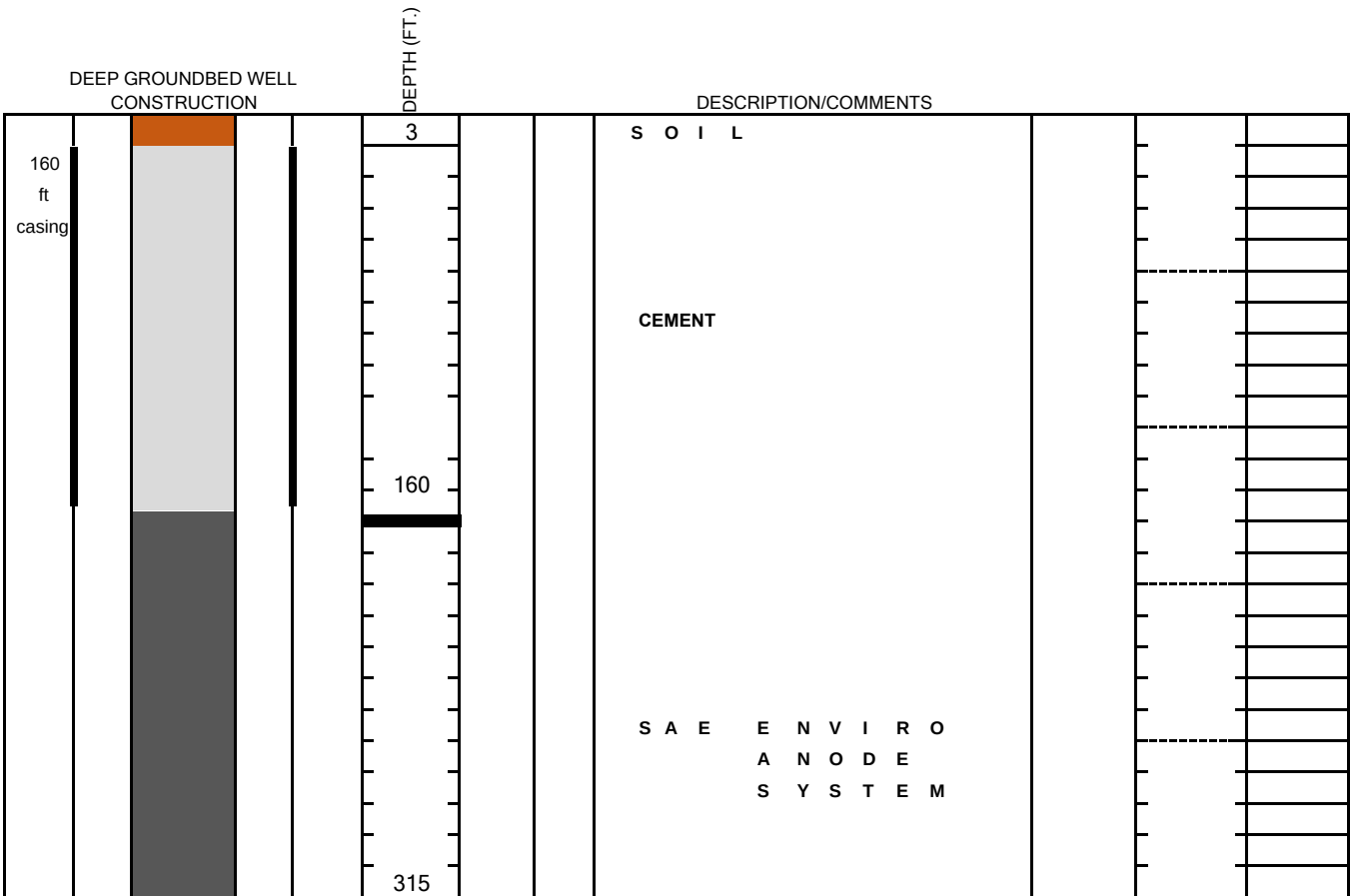
TYPE 5 SAEPAGE 1 OF 1CLIENT: ONEOK PROJECT NAME: Groundbed Installation DATE DRILLED: TBDSITE: Multiple LOCATION: Kansas

OTHER ID# _____ FACILITY: _____ GPS _____

DRILLING COMPANY Woofert Pump and Well RIG: _____ BOREHOLE: 10 inchLOGGED _____ DRILLING METHOD: Wet Rotary or Dry FLUID Water if wet rotary

BY: _____

	TYPE	INTERVAL	MATERIAL	JOINT LENGTH	DIAMETER
CASING:	SDR 21	3 to 160 bgs	PVC		10"
SCREEN:					
GROUT:					
SEAL:					
FILTER PACK:					



Initial Depth to Water:	
Static Depth to Water:	
Comments	Not to scale