KOLAR Document ID: 1801017

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

March 2010 This Form must be Typed Form must be Signed All blanks must be Filled

Form CP-1

WELL F	PLUG	GING	APPL	_ICAT	'ION
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Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,
MUST be submitted with this form.

OPERATOR: License #:		API No. 15				
Name:		If pre 1967, supply original completion date: Spot Description:				
Address 1:						
Address 2:		Sec	_ Twp S. R	East West		
City: State:		Feet fro	om North /	South Line of Section		
Contact Person:	·	Feet fro	om 🗌 East / 🗌	West Line of Section		
Phone: ()		Footages Calculated from Ne		Corner:		
Phone: ()						
		County:				
			vven #.			
Check One: Oil Well Gas Well OG	D&A Cathodic	Water Supply Well	Other:			
SWD Permit #:	ENHR Permit #:	Gas Stora	age Permit #:			
Conductor Casing Size:	_ Set at:	Cemented with:		Sacks		
Surface Casing Size:	_ Set at:	Cemented with:		Sacks		
Production Casing Size:	_ Set at:	Cemented with:		Sacks		
List (ALL) Perforations and Bridge Plug Sets:						
Elevation: (G.L. / K.B.) T.D.: Condition of Well: Good Poor Junk in Hole Proposed Method of Plugging (attach a separate page if addition) Proposed Method of Plugging (attach a separate page if addition)	Casing Leak at:	nydrite Depth:	(Stone Corral Formation	n)		
Is Well Log attached to this application? Yes No If ACO-1 not filed, explain why:	Is ACO-1 filed? Yes	No				
Plugging of this Well will be done in accordance with K.		•	•			
Address:						
Phone: ()			Zip	+		
Plugging Contractor License #:						
Address 1:						
City:						
Phone: ()			Zıp:	+		
Proposed Date of Plugging (if known):						

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically

KOLAR Document ID: 1801017

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

Form KSONA-
July 202
Form Must Be Typed
Form must be Signed
All blanks must be Filled

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	Well Location:		
Name:			
Address 1:	County:		
Address 2:	Lease Name: Well #:		
City: State:	If filing a Form T-1 for multiple wells on a lease, enter the legal description o the lease below:		
Contact Person: Fax: ()			
Email Address:			
Surface Owner Information:			
Name:			
Address 1:	sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the		
Address 2:	county, and in the real estate property tax records of the county treasurer.		
City: State: Zip:+			

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

□ I certify that, pursuant to the Kansas Surface Owner Notice Act (see Chapter 55 of the Kansas Statutes Annotated), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.

□ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

Submitted Electronically

Form	CP1 - Well Plugging Application	
Operator	XTO Energy Inc.	
Well Name	MATHES B 1-6	
Doc ID	1801017	

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
2641	2655	U. Krider	
2663	2683	L. Krider	
2711	2716	Winfield	



XTO: Mathes 'B' #1-6 Sec 06- 27S - 31W Haskell County, KS June 11th, 2024

AFE#: PA.2024.09462.EXP.01 API#: 15-081-00093 Gross AFE Cost: \$53,950 Net WI%: 94.479% (Hugoton Trust) TD: 2,713' PBTD: 2,713' KB: 2,848' (5') GL: 2,853'

Casing Detail:

	Size	Weight	Grade	Depth (ft KB)	Cmt	Drift (in)	80% Burst	80% Collapse	Cap. (bbl/ft)
Surface	8-5/8	24	J-55	513′	300	7.972	2360	1096	0.0637
Production	5-1/2	14	J-55	2,711′	400	4.887	3416	2496	0.0244

<mark>TOC Unknown</mark>

Tubing Detail:

1 2-3/8" (4',6',10') TS

83 jts 2-3/8", 4.7#, J55,

- 1 SN @ 2717'
- 1 3' PS
- 1 10' BPMA

XTO: Mathes B #1-6 P&A Page 2 of 5

Rod Pump Details:

- 1 1-1/8" x 11' PR w/ 5' liner
- 1 8'-5/8 rod subs
- 99 5/8" rods (w/ XO)
- 8 7/8" rods (w/XO)
- 2 3/4" rod sub
- 1 2" x 1-1/2" x 9' RXBC Steel Chrome SV pump w/ 3/4" x 6' GA

RXBC Steel Chrome SV Pump

Perforations:

Zone	Depth	SPF	Holes	Stimulation	Status
Winfield	2711′-2716′	NA	5′ (Open Hole)	NA	Rod Pump
L. Krider	2663′-2683′	NA	NA	NA	Rod Pump
U. Krider	2641′-2655′	NA	NA	NA	Rod Pump

Status: The Mathes B 1-6 is a Krider & Winfield producer under Rod pump. The well has been producing nominal rates since end of 2022 and not performing to meet the break-even cost. Any kind of well work is not economically justified based on previous production. Hence recommended to plug and abandon the well.

Objective: Plug and Abandon.

Well Classification: Class A (Legacy Class I) well. Pressure is expected to be below 300 psig

- Refer to page 13-38 of the safety handbook for Life Saving Actions.
- Check and record all casing/tubing string pressures in Wellview each morning.
- Need to get a Valve company to grease the frozen valves.
- Well Fluid Level: Unknown
- Well Pressure: Unknown
- Metal Volume factor for 2-3/8" tubing string 0.0016 bbl/ft
- Volume factor for 5-1/2" Csg x tubing annulus 0.0189 bbl/ft
- Volume factor for 2-3/8" tubing string 0.0039 bbl/ft

Procedure:

- **1.** A notification of Intent to Plug (Form KSONA-1) must be filed with the KCC Conservation Division at least five days prior to commencement of plugging operations. The five-day notice requirement may be reduced or waived:
 - (a) If a qualified representative of the Conservation Division is available to witness the plugging operations.
 - (b) At the discretion of the District Manager of the District in which the well is located or his supervisor.
- **2.** Notify the KCC District Office at least 24 hours prior to plugging subject well to allow witnessing by field inspectors.
- 3. Review OIMS System 3.2 Well Work Equipment SOPs for Class A (legacy Class I) wells.
- **4.** Verify all contractors are approved in ISN and have a valid MSA prior to commencing work.
- 5. Review and complete the *Well Preparation Checklist* and Workover Rig Pre-job Checklist. Utilize the Workover Safeguard Register throughout the job.
- MIRU WOU. HSM. Blow well down. Perform LOTO. Pressure Test tbg @ 500 psi. Unseat Pump and allow fluid to equalize. POOH laying down rods and pump. LD rods.
- 7. Pump ~60 bbl of water down tbg to kill well. Install TIW valve and ND WH. NU 3M manual BOP w/ $2-3/_8$ " pipe over blind rams. Maintain two well control barriers. Hydrostatic head will be considered one barrier. Ensure that TIW valve and wrench have appropriate threads are located on the rig floor in the open position.

Note: Copy of valid certification and last BOP shop test date & pressure to be reviewed by XTO representative. Function test BOP daily.

- **8.** MIRU scanalog unit. Scan tubing while racking back yellow and blue-band tubing and lay down red-band, green-band tubing. RDMO scanalog unit.
- 9. RIH w/ 5-1/2" 10K tubing set CIBP and hydraulically set CIBP @ 2591'. PU tbg off CIBP and circulate with 9 ppg mud down tubing and up casing (~60 bbls of mud). Mix and spot 10 sks of Class 'A' cement to cap the CIBP @ 2591'. (Displace with not more than 9.5 bbl to suspend a balanced plug). PUH the tubing string at least 50' above the plug and WOC. Tag TOC and POOH. Pressure Test Csg @ 500 psi.

Note:

- Mud circulation vol. = vol. of 2-3/8" tbg string of 2591' (10.01 bbl) + vol. of 2-3/8" x 5-1/2" annulus of 2591' (49.02 bbl) ~60 bbl
- Max Displacement vol for CIBP spot plug = [Height of top of cement plug from surface (2505') -Metal vol. equivalent height of fluid in 2-3/8" tbg string (36')] x volume factor of tubing string = ~9.5 bbl
- **10.** MIRU W/L Unit. NU WL PCE. Run RCBL f/ 1900' till surface to verify TOC (Mostly TOC will be above 1000'). *If TOC is lower than 1000' contact KCC for guidance.*
- **11.** Change W/L unit to squeeze guns. Complete explosive checklist & safeguard register. PU and RIH w/ casing collar locator and squeeze guns (4 SPF, 0.042' hole, 22.7g, 32" pen). Perforate (+/-) 550'. TOOH w/ wireline.
- 12. RIH w/ 2-3/8" tbg string. Mix and pump 30 sks of Class 'A' cement plug at 1900' and *displace with no more than ~5.9 bbl*. Here the intention is to cover the anhydrite layer @ 1850' and expected TOC if 30 sks of Class 'A' cement is pumped is 1641'.

Note: Max displacement vol for anhydrite covering plug = [Height of top of cement plug from surface (1641') – Metal vol. equivalent height of fluid in 2-3/8" tbg string (108')] x volume factor of tubing string = ~5.92 bbl

13. POOH w/ EOT @ 1050'. Mix and pump 50 sks of Class 'A' cement plug at 1050' and displace with no more than 1.6 bbl. Here the intention is to cover the Useable water table @1000' and expected TOC if 50 sks of Class 'A' cement is pumped is 619'. POOH w/ tubing string.

Note: Max displacement vol for anhydrite covering plug = [Height of top of cement plug from surface (619') – Metal vol. equivalent height of fluid in 2-3/8'' tbg string (180')] x volume factor of tubing string = ~1.6 bbl

- 14. WOC in step 13 at least 6 hours. RU pump to pump down the 5-1/2" casing with 9 ppg mud to break down the perfs and establish circulation to the surface out of 8-5/8" casing outlet. Mix and pump (+/-) 185 sks cement & leave all the strings full till surface. Here the intention is to have cement between the 5-1/2" pipe x 7-7/8" open hole, 5-1/2" pipe x 8-5/8" pipe till surface and cement filled up to the surface in 5-1/2" pipe to have the surface plug and cover the 8-5/8" casing shoe @513'.
- **15.** Dig out around wellhead. Have XTO representative on location to fill out Hot Work permit before continuing (refer to pages 21 23 of XTO Safety Handbook). Cut off 4' below ground level.
- **16.** RDMO P&A WOU. Cap well with ID plate that includes well name and date of plugging. Release all equipment.
- **17.** Backfill cellar and dig up rig anchors. Restore location to landowner and OCC specifications.

NOTE: Keep and send all yellow-band and blue-band production tubing to the Ringwood yard. <u>Please communicate with Plugging Company that we are keeping this tubing</u>. Sell recovered red-band, green-band tubing and casing to the Plugging Company as salvage.

Anurag Ray Wells Management Engineer, BT	Date C
JD Mayo Well Srvc Ops Supt	Date
Kris Kruse Ops Engineering Manager	Date
	Wells Management Engineer, BT JD Mayo Well Srvc Ops Supt Kris Kruse



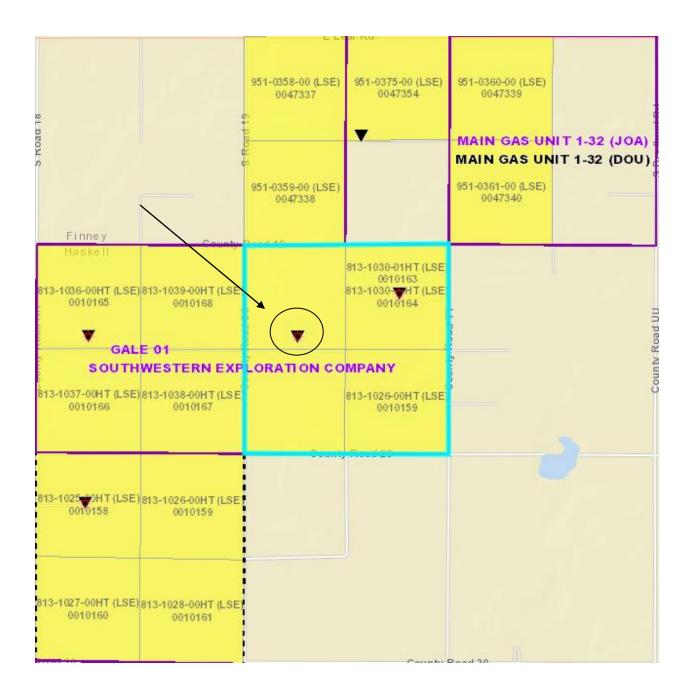
ENERGY Pro	posed Comple	bletion KB: 28	848' 853'
Mathes 'B' 1-6 1250'W & 330'N of C SEC 6-27S-31W Haskell County, KS Spud: 10/22/54 Comp: 11/15/54 W1: 94.48% NRI: 72.34%		Cement Plug set filling the 5-1/2" pipe x 7-7/8" 5-1/2" pipe x 8-5/8" casing and 5-1/2" pipe filled surface f/550' Tubing : (05/14/24) 1 2-3/8" (4',6',10') TS 83 jts 2-3/8", 4.7#, J55, 1 SN @ 2717' 1 3' PS 1 10' BPMA	
Surf Csg: 8 5/8", 24# CSG SET @ 513'. Cmt'd w/ 300 sk - circ'd to surface. Cement Plug set f/1050' w/ 50 sks to cover the usable water table at 1000' (Estimated TOC 619')	9 ppg mud	Pump & Rods: (05/14/24) 1 1-1/8" x 11' PR w/ 5' liner 1 8'-5/8 rod subs 99 5/8" rods (w/ XO) 8 7/8" rods (w/XO) 2 3/4" rod sub 1 2" x 1-1/2" x 9' RXBC Steel Chrome SV put 3/4" x 6' GA RXBC Steel Chrome SV Pump	mp w/
	9 ppg mud	History: 11/54 Stim Krider & Winf OH w/ 4000 g Dolofrac + 4000 433 MCFD. 09/89 Replace top jt (23') of 5.5" csg - cmt'd 5 1/2" x annulus w/ 90 sk - from 484' to ground surface vi tbg.	x 8 5/8"
Cement Plug set f/1900' w/ 30 sks to cover the anhydrite at 1850' (Estimated TOC 1641') TOC unknown		 01/02 LD 1/2" rods, rplc w/ new 5/8" rod string. 05/05 Frac Upper and Lower Krider perfs 2641' - 2683' y gals 15% HCl followed by 50,000 gals 80% N Forced to reduce rate during treatment due to p communication between tubing string and tubing annulus. 10/10 Repair pump failure. Changed out 3 hp motor motor. 07/11 Replaced broken polish rod & liner. 	l2 foam. pressure g-casing
	9 ppg mud	 04/13 Rod part 09/13 Repaired tbg Leak jt # 83. Changed pump. 08/16 Repaired rod part (56th 5/8" rod, body break), st and changed pump. 12/16 Repaired rod part (43rd rod, body break). 12/21 Pull rod on pump parted. POH w/ rods and tb pump tagged fill @ 2713'. RIH w/ tbg and new pu rods. 06/22 Repaired rod part (78th 5/8" rod, body brea treatment and swabbed 11/23 HIC repair @ surf (bell nipple bad). RIH w/ tbg a pump and new rod design 	og. Sand ump and ak), acid
NOTE: During foam fracture treatment in 5/05, pressure communicated between tubing and tubing-casing annulus.		CIBP set @ 2591' covered w/ 10 sks of cement	
Prod Csg : 5 1/2", 14# csg set @ 2711'. Cmt'd w/ 400 sk - TOC unknown.		U. krider 2641'-55' L. Krider 2663'-83'	
PBTD: 2713' TD: 2713'		Winfield 2711'-16' (5', Open Hole)	1



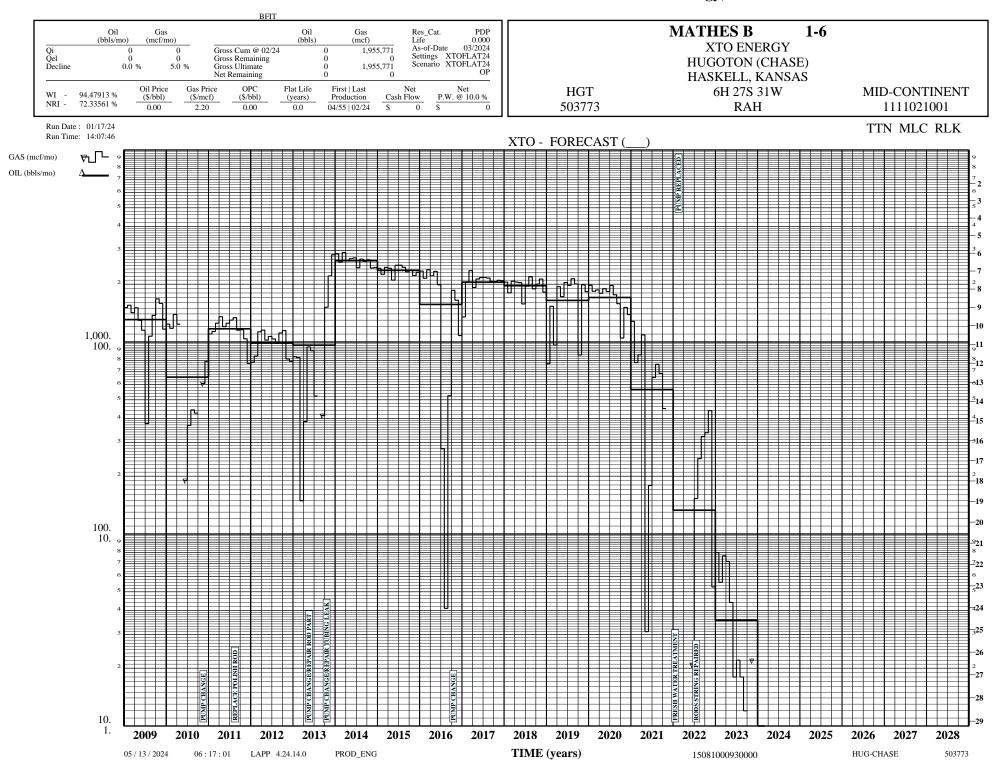
Current Completion

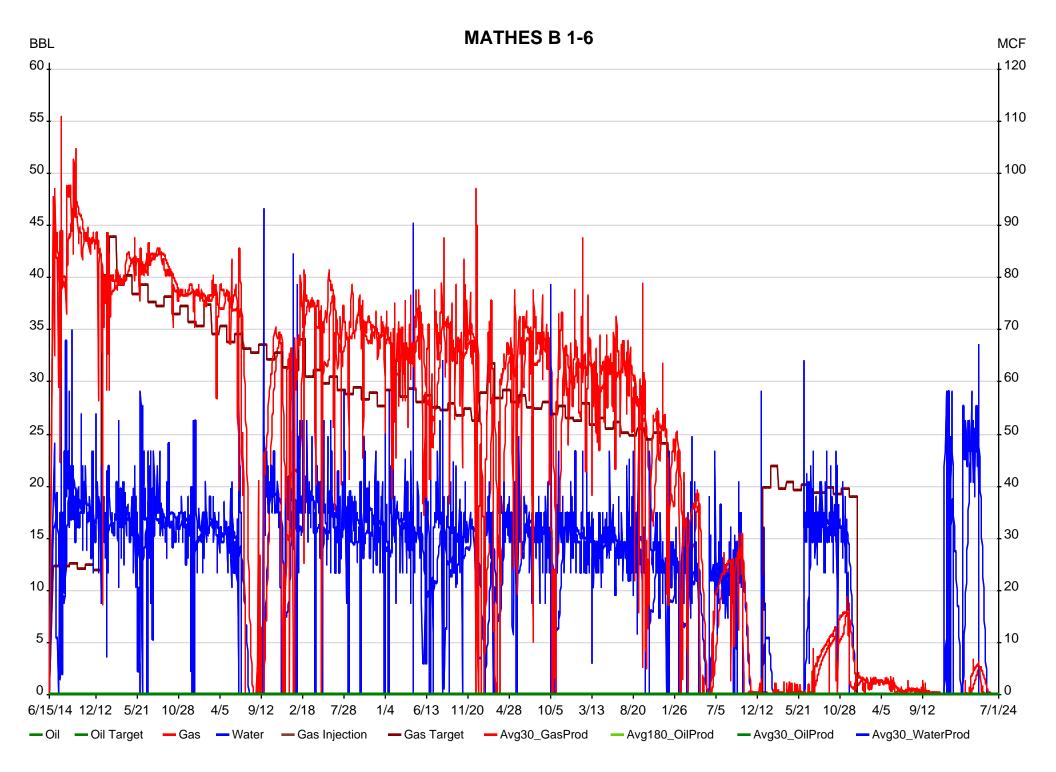
GL: 2848' KB: 2853'

	• KB: 2853'
Mathes 'B' 1-6 1250'W & 330'N of C SEC 6-27S-31W Haskell County, KS Spud: 10/22/54 Comp: 11/15/54 WI: 94.48% NRI: 72.34%	Tubing: (05/14/24) 1 2-3/8" (4',6',10') TS 83 jts 2-3/8", 4.7#, J55, 1 SN @ 2717' 1 3' PS 1 10' BPMA
Surf Csg : 8 5/8", 24# CSG SET @ 513'. Cmt'd w/ 300 sk - circ'd to surface.	Pump & Rods: (05/14/24) 1 1-1/8" x 11' PR w/ 5' liner 1 8'-5/8 rod subs 99 5/8" rods (w/ XO) 8 7/8" rods (w/XO) 2 3/4" rod sub 1 2" x 1-1/2" x 9' RXBC Steel Chrome SV pump w/ 3/4" x 6' GA RXBC Steel Chrome SV Pump
TOC unknown	 History: 11/54 Stim Krider & Winf OH w/ 4000 g Dolofrac + 4000# sd. IP 433 MCFD. 09/89 Replace top jt (23') of 5.5" csg - cmt'd 5 1/2" x 8 5/8" annulus w/ 90 sk - from 484' to ground surface via 1 1/2" tbg. 01/02 LD 1/2" rods, rplc w/ new 5/8" rod string. 05/05 Frac Upper and Lower Krider perfs 2641' - 2683' with 500 gals 15% HCl followed by 50,000 gals 80% N2 foam. Forced to reduce rate during treatment due to pressure communication between tubing string and tubing-casing annulus. 10/10 Repair pump failure. Changed out 3 hp motor w/ 5 hp motor. 07/11 Replaced broken polish rod & liner. 04/13 Rod part 09/13 Repaired tbg Leak jt # 83. Changed pump. 08/16 Repaired rod part (56th 5/8" rod, body break), swabbed, and changed pump. 12/16 Repaired rod part (43'rd rod, body break). 12/21 Pull rod on pump parted. POH w/ rods and tbg. Sand pump tagged fill @ 2713'. RIH w/ tbg and new pump and rods. 06/22 Repaired rod part (78th 5/8" rod, body break), acid treatment and swabbed 11/23 HIC repair @ surf (bell nipple bad). RIH w/ tbg and new pump and new rod design
NOTE: During foam fracture treatment in 5/05, pressure communicated between tubing and tubing-casing annulus.	
Prod Csg : 5 1/2", 14# csg set @ 2711'. Cmt'd w/ 400 sk - TOC unknown. PBTD: 2713' TD: 2713'	U. krider 2641'-55' L. Krider 2663'-83'
	Winfield 2711'-16' (5', Open Hole)



XTO Energy, Inc.





Phone: 918-746-1350 Fax: 918-746-1379 Email: Info@OrrEnergy.com

useable water

1000

1850

Toc ?

J 700



First Place Tower 15 E 5th St., Suite 500 Tulsa, OK 74103

Kris Kruse TO Energy 15 -COMPANY 5 29 24 SUBJECT Mathes B#1-6 Ronnie Orr SWISE/NW Haskell Co, KS Sec 06 275-31W P&A Procedure WICOST - Per Kenny Sullivan WIKCC! 1) MIRN BD CS. Unseet pump & POH 10 rods. NU BOP. POH id Hoz. 2) 51/2" IOK The set CIBP @ 2591. Release the circ 8/8 volmud & cap wil 10 srs cement. POH. Test cy e soops; ry# 3) RU Wireline tik, pull CB2 to verify TOC 513 (most likely 4-700'). Perf Sq holes @ 550'. Rods 4) Run they & spot cement plugs ! 99-98 9) 1900 - 30 JKs Cless A "cement 8-7/8 6) 1050 - 50 x coment. Pot w1 465 23/8 c) Rig up down 51/2" string. Breakdown perfs & 3 subs establish circulation to surface. Mix & pump Anhydrite 83,42 4-185 sty coment & leave all strings full to surface. SNO 2717 5) ROSU cut / cap well. Dig up rig anchor Cost Rig 34 hoe 400 %/hr = 13,600 Coment & truck, (265 sts) 9125 CIBP, CBL & Part Sg hales 7975 Much Han) & returns (50 bbl) altank 1350 2 Backhoe, welder, water tik & BOP 1900 33,950 SAWAGE 001 02641 107 - Sucker robs e y 00/24 = 428 Krider #1786 = 1358 50 2717'-23/8 Tbs e. 50/4 2683 Net (ast -> 32,163 400 sk 1

Harkell Co, KS Sec 06 275-31W GL: SW/SE/NW 5/14/24 GL: 2848' **Current Completion** KB: 2853 Mathes 'B' 1-6 1250' W & 330' N of C SEC 6-27S-31W Haskell County, KS Tubing: (05/14/24) Spud: 10/22/54 2-3/8" (4',6',10') TS Comp: 11/15/54 83 jts 2-3/8", 4.7#, J55, 94.48% WI: 1 SN @ 2717' NRI: 72.34% 1 3' PS 10' BPMA 1 Pump & Rods: (05/14/24) 1-1/8" x 11' PR w/ 5' liner 1 Surf Csg: 8 5/8", 24# CSG SET @ 513'. 1 8'-5/8 rod subs 5/8" rods (w/ XO) Cmt'd w/ 300 sk - circ'd to surface. 99 8 7/8" rods (w/XO) 3/4" rod sub 2 2" x 1-1/2" x 9' RXBC Steel Chrome SV pump w/ 1 3/4" x 6' GA RXBC Steel Chrome SV Pump History: Stim Krider & Winf OH w/ 4000 g Dolofrac + 4000# sd. IP 11/54 433 MCFD. 09/89 Replace top jt (23') of 5.5" csg - cmt'd 5 1/2" x 8 5/8" annulus w/ 90 sk - from 484' to ground surface via 1 1/2" tbg. LD 1/2" rods, rplc w/ new 5/8" rod string. 01/02 05/05 Frac Upper and Lower Krider perfs 2641' - 2683' with 500 gals 15% HCl followed by 50,000 gals 80% N2 foam. Forced to reduce rate during treatment due to pressure **TOC unknown** communication between tubing string and tubing-casing annulus. 10/10 Repair pump failure. Changed out 3 hp motor w/ 5 hp motor. 07/11 Replaced broken polish rod & liner. 04/13 Rod part Repaired tbg Leak jt # 83. Changed pump. 09/13 Repaired rod part (56th 5/8" rod, body break), swabbed, 08/16 and changed pump. 12/16 Repaired rod part (43rd rod, body break). Pull rod on pump parted. POH w/ rods and tbg. Sand 12/21 pump tagged fill @ 2713'. RIH w/ tbg and new pump and rods. 06/22 Repaired rod part (78th 5/8" rod, body break), acid treatment and swabbed 11/23 HIC repair @ surf (bell nipple bad). RIH w/ tbg and new pump and new rod design NOTE: During foam fracture treatment in 5/05, pressure communicated between tubing and tubing-casing annulus. Prod Csg: 5 1/2", 14# csg set @ 2711'. **U. krider** 2641'-55' Cmt'd w/ 400 sk - TOC unknown. L. Krider 2663'-83' PBTD: 2713' TD: 2713' Winfield 2711'-16' (5', Open Hole)

Pluging Orders KCC Sullivan Konny Sullivan RE: Plugging orders please, XTO well in Haskell County

From: Kenny Sullivan [KCC] (k.sullivan@kcc.ks.gov)

To: ronorr2806@yahoo.com

- Cc: bcgiff@gmail.com
- Date: Wednesday, May 29, 2024 at 10:52 AM CDT

Run the CBL from 1900-0'

The anhydrite is ~1848' and the base of usable water is ~1000' We will need plugs @ 1900', 1050', 550'. I am going to assume TOC will be above 1000'. How I anticipate plugging this well, but will need to run CBL to verify.

Set CIBP @ 2591' w/ 10sx cement. Load hole, pressure test casing to 500psi, run CBL find cmt ~700' RTIH:

1st plug @ 1900' w/ 30sx

2nd plug @ 1050' w/ 50sx PTOOH

Perf @ 550' and circulate cement to surface leaving casing and annulus full of cement.

From: Ron Orr <ronorr2806@yahoo.com> Sent: Wednesday, May 29, 2024 9:45 AM To: Kenny Sullivan [KCC] <k.sullivan@kcc.ks.gov> Cc: Benjamin Gifford <bcgiff@gmail.com> Subject: Plugging orders please, XTO well in Haskell County

This is an EXTERNAL EMAIL. Think before clicking a link or opening attachments.

See attached.

Thank you,

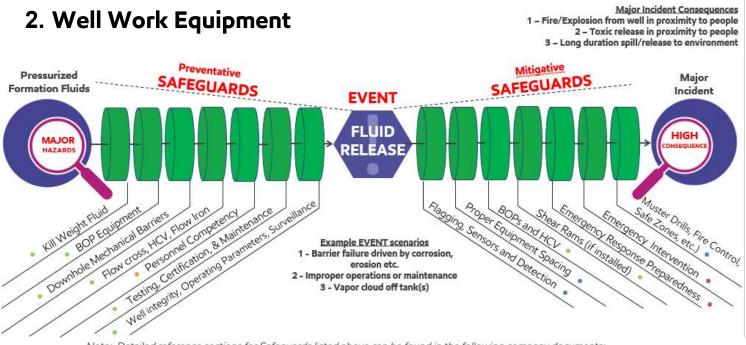
Ron Orr

Cell 580.467.0258

Orr Energy Services LLC

WELL PREPARATION CHECKLIST					
FIELD		WELL NUMBER			
DATE					
SPECIAL INSTRUCTIONS:					
WORKOVER TYPE:			Б ПСТ	-11	
WORROVER III E.	RIG NAME:			0	
	Pre-Mobilization	1	YES, NO, or N/A	REMARKS	
		the data in the procedure. Obtain			
latest well test / production inf 2. Mow / back-drag location (•	a and fire bazard			
_		location, setting anchors, or digging			
workover pits. Make One Call		location, setting anchors, or digging			
4. Check rig anchors for last p	· · · · · · · · · · · · · · · · · · ·	e, as necessary.			
5. Are specific hazard controls					
•		re in proper operating condition and			
are leak tight. [SOP Section 2.3	•				
	ensure proper valving is insta	alled on the wellhead for well control.			
[SOP Section 2.3]					
8. Measure pressures on all st	-				
	vithin expected range, has pro				
9. Pressure monitoring metho					
10. Check well cellar to ensure					
11. Check overhead electric pe					
12. Measurements from wellh DSA required?	ead to rig floor sufficient to a	ccommodate BOP? Is an adapter or			
		provide stable working surface for			
rig and for standing back tubin					
	Mobilization				
	_	s (i.e., well control, flowback, etc.)			
_		P deviations, if any, are approved			
and documented in WellView.		ck, wireline, base beams, etc.) is sized			
		ator certifications are current. [SOP			
Sections 2.2 & 2.3]					
		OPE functioning, slings, wire ropes,			
fall protection, gas detectors, e	etc.) have been performed and	d any deficiencies have been			
corrected and documented. 17. SIMOPS reviewed with pe		Section (2]			
 Workover related equipment Energy sources isolated (e 					
		plation points, and flowline plugged /			
capped? Verify zero energy do					
20. Equipment spacing compl	ies with XTO (or regulatory) e	quipment spacing requirements.			
[SOP Section 7.2 / XTO Safety					
WELLWORK SUPERVISOR	'S (PIC) SIGNATURE:		I	DATE:	

The XTO Person in Charge (PIC) shall review and discuss those checklist items in red text, at a minimum, with site personnel at the beginning of each day or shift to ensure key safeguards for significant hazards are healthy.



Note: Detailed reference sections for Safeguards listed above can be found in the following company documents:

- Wellwork SOP
- Flowback SOP
- Relevant Safety Handbook Material and corresponding OIMS Systems
- Under Development

Pictured above is an illustration of the safeguards contained in the Well Work SOP and related well work SOPs. The hazard shown on the left is pressurized fluids in the formation. The event is planned or unplanned release of those fluids to atmosphere. The potential consequences are shown on the right and are life threatening. On the left of the fluid release event are preventative safeguards and to the right are safeguards that reduce or mitigate the consequences to humans and the environment.

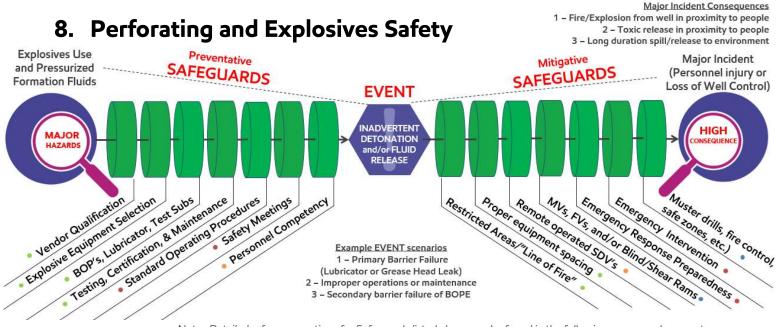
[E] Unconventional Management expects the person in charge (PIC) on all Well Work operations to understand the SOPs and how the safeguards work. The PIC is responsible for knowing and documenting the health of all required safeguards and communicating the health of the safeguards routinely to all personnel on site. This must be achieved through the following:

- 1. [E] The safeguard illustration (bowtie) must be reviewed by all site personnel involved in the SOP activity, and with any new personnel entering the site that are directly involved in the SOP activity.
- 2. [E] The SOP checklist must be completed prior to commencing operations and posted visibly at the work site or available electronically.
- 3. [E] The safeguard register must be reviewed, with safeguard ownership assigned, at daily safety briefings with all personnel on site.
- 4. One or more relevant drill/scenario should be performed/discussed at daily safety briefings with all personnel on site. Examples are provided in the drill/scenario section of this SOP.
- 5. [E] Unconventional Leadership must review effectiveness of the above requirements when they make site visits and provide recognition and coaching as appropriate.

ExonMobil	Pre-job Checklist			ASIP or MAOP
Unconventional	-		3	0 - 300 psi 01 - 1,500 psi
	Workover Rig			
Well	Supervisor		IV	01 - 5,000 psi > 5,000 psi
			I	
	Requirements	SOP Section	Compliance Y, N, or NA	Exception Date
		Jection		
Equipment Requirements			Initial/Date	Approver
	itions. If conditions meet reduced barrier criteria in ily while installing/removing well control equipment.	2.2		
	figuration meets minimum requirements for well class	2.3		
MAWP of all BOPE is at least equal to the great	· · · · · · · · · · · · · · · · · · ·	2.3		
Hand wheels and closing units are readily access		2.2		
	ized, has adequate pressure to operate well control			
equipment and is situated at least 60' from wel	bore	2.3		
have a hinged protector	n in open or closed position, and blind/shear controls	2.2		
be full opening to drift ID with proper threads/o		2.2		
Correct rams installed and tested for each pip components & sealing elements are rated for u	be size to be run or pulled from the well. All BOPE se with well conditions	2.3		
	priate for wellbore conditions and capable of handling	2.3		
	ping tee while rods are tripped in/out of hole on Class	2.3		
Shear ram installed on Class III & IV wells wher	a single mechanical barrier is in use and fluid density	2.3		
is less than kill weight. Flowback and pressure relief piping installed ir adequately restrained. Access to the HP piping	as straight a path as possible to the destination and areas should be minimized.	2.3		
All flowback equipment/spacing in accordance		7.2		
Testing Requirements				
	ow pressure (200 -300 psi) for 5 min and to MAWP terly	2.3		
On Class III and IV wells, all rig BOPE compon	ents including individual rams and annular shall be			
	id at least every 21 days. Optional on subsequent	2.3		
Rig BOPs are function tested upon installation	and a minimum of every 7 days thereafter.	2.3		
	guipment (PCE) tested to MAWP at least annually.			
Wireline valve rams tested to 200-300 psig lo	w for 5 min and MAWP for 10 min prior to delivery	2.3		
All lubricators and wireline pressure control ec MASIP, prior to starting any Class III or IV wire	quipment shell-tested to MAWP or 1,000 psi above line (e-line, braided line, slickline) operation.	2.3		
Verify Rig BOP stack is within 5 year certificati	on.	2.3		
Operational Requirements		-		
If SIMOPS are conducted, review SIMOPS risk	assessment and ensure all scenarios are covered.	6.2		
Assume and prepare for trapped pressure pric	or to removing any packer, plug, or obstruction.	2.4		
On site meeting held in accordance with the S	OPs.	2.2		
All casing and tubing pressures are monitored limits specified by the completion/wellwork pr	during operations and maintained within operating ocedure.	2.4		
	ensure they are labeled correctly, valves operational,	2.2		
	r(s) have current certifications and can perform work	2.2		
Fluids and other chemicals handled in accorda		2.2		
	dition, strategically placed, with trained personnel	2.4		
	noots must be approved by Superinter		ro procoodi	l

*Any deviation from SOP requirements must be approved by Superintendent before proceeding

ExconMobilSafeguardUnconventionalWorkovWellSu	•	g			 	301 - 1,50	00 psi 00 psi 00 psi
Safeguard	Review Safeguards daily or at each t operations. Safeguard owner to initial b each safeguard is tested or v		nitial belo	low on date when			
Hydrocarbon Release Prevention	Date	Date	Date	Date	Date	Date	Date
Sufficient kill weight fluid to maintain overbalance (~200 psi)							
Understand when work string will be pipe light with mitigations in place							
BOP stack & safety valve(s) - Pressure tested to MASIP/MAOP							
Safety Valve(s) function tested and readily accessible							
Shear Ram(s) – Function tested with pipe out of well							
Blind Rams(s) – Pressure tested to MASIP/MAOP							
Blind Rams(s) – Function tested with pipe out of well							
Pipe Ram(s) – Function tested							
Pipe Ram(s) – Pressure tested to MASIP/MAOP							
Annular/Stripper - Pressure tested to MASIP/MAOP							
Hydraulic control valve (HCV), if installed – Function tested							
HCV, if installed – Pressure tested to MASIP/MAOP							
Master valve (MV), if installed, below BOPs – Function tested							
MV, if installed, below BOP's - Pressure tested to MASIP/MAOP							
All annuli monitored and within safe design limitations							
HP pumping lines and manifold tested to MAOP							
Adequate pressure on BOP accumulator							
Ignition Prevention & Mitigation							
Restricted areas are clearly marked and communicated to all personnel							
Fixed & personal LEL/H ₂ S monitor(s) are calibrated & operational							
All personnel are wearing proper PPE							
All non-essential equipment is off							
Wind socks and/or flagging is visible							
All personnel aware of primary & secondary muster areas							



Note: Detailed reference sections for Safeguards listed above can be found in the following company documents:

Perforating and Explosives Safety SOP

- Wellwork SOP
- Relevant Safety Handbook Material and corresponding OIMS Systems
- Under Development

Pictured above is an illustration (bowtie) of the safeguards contained in the Perforating and Explosives SOP and related well work SOPs. The hazards shown on the left are explosives use and pressurized formation fluids. The events are the inadvertent detonation of explosives and/or the unplanned release of those fluids to the atmosphere. The potential consequences are shown on the right and are life threatening. On the left of the inadvertent detonation/fluid release event are preventative safeguards and to the right are safeguards that reduce or mitigate the consequences to humans and the environment.

[E] Unconventional Management expects the person in charge (PIC) on all Perforating and Explosives operations to understand the SOPs and how the safeguards work. The PIC is responsible for knowing and documenting the health of all required safeguards and communicating the health of the safeguards routinely to all personnel on site. This must be achieved through the following:

- 1. [E] The safeguard illustration (bowtie) must be reviewed by all site personnel involved in the SOP activity, and with any new personnel entering the site that are directly involved in the SOP activity.
- 2. [E] The SOP checklist must be completed prior to commencing operations and posted visibly at the work site or available electronically.
- 3. [E] The safeguard register must be reviewed, with safeguard ownership assigned, at daily safety briefings with all personnel on site.
- 4. One or more relevant drill/scenario should be performed/discussed at daily safety briefings with all personnel on site. Examples are provided in the drill/scenario section of this SOP.
- 5. [E] Unconventional Leadership must review effectiveness of the above requirements when they make site visits and provide recognition and coaching as appropriate.

ExonMobil Pre-job Checklist		Class MAS	IP or MAOP
) - 300 psi
Unconventional Electric Wireline Conveyed Explosives		II 301	L - 1,500 psi
Well Supervisor			L - 5,000 psi
		IV >	> 5,000 psi
SOP Requirements	SOP Section	Compliance Y, N, or NA	Exception Date
Pre-Job Planning		Initial/Date	Approver
Service Company's contracted to deploy explosive devices are required to have SOP's for explosives safety (Reference API RP 67, "Recommended Practice for Oilfield Explosives Safety").	8.2		
If the explosive type application is either (1) not typical for the area or (2) a new Service Company is being utilized, a pre-job planning meeting is required.	8.2		
Supervisor has conducted a pre-job site assessment and has reviewed the service program with the Service Provider.	8.2		
Establish a safe distance for low wattage (less than 5 watts) radio transmitters based on the (1) detonator type and the (2) number of radios in use. A minimum distance of 50' for radio silence is required unless using approved RF safe detonators.	8.2		
If non-controllable higher wattage radio frequency (RF) devices are in the area, develop a plan for the use of specific RF Safe Detonators.	8.2		
Equipment Requirements			
Well control equipment for wireline operations shall meet the minimum SOP requirements in Section 2.3 based on well classification above.	2.3		
Electric detonators must have a minimum DC resistance of 50 ohms and a "no-fire" current of not less than 200 MA.	8.3		
If applicable, validate Service Provider approved RF Safe Detonators and other safety features being utilized (i.e. Addressable switches).	8.3		
Operational & Testing Requirements			
An onsite safety meeting, with all involved field and Service Company personnel present, is required to be held prior to starting work.	8.2		
The well control equipment is tested to the requirements in SOP Section 2.3. A glycol water mixture is required when there is potential for hydrates.	2.3, 8.3		
Post signs at site entrances warning of explosives in use and radio silence as required.	8.3		
Conduct stray voltage test and ensure equipment is properly bonded and/or grounded in accordance with service company procedures. Stray voltage must be below 0.25 volts unless using approved high voltage RF Safe Detonators.	8.3		
Turn off electrical cathodic protection systems and discontinue welding operations unless using approved high voltage RF Safe Detonators.	8.3		
No flame producing devices or welding operations are allowed within 50' of explosive operations including gun loading and assembly areas.	8.3		
The check fire procedure should only be performed when the cable head and tool string is in clear view of person applying the power (prior to attaching to an unarmed gun).	8.3		
For 24 hour operations, avoid crew change during gun preparation, from arming gun through RIH with gun below 200'.	8.3		
Explosives Arming/Disarming Requirements			
Turn off radio transmitters in the pre-determined exclusion zone prior to arming or disarming.	8.3		
Move non-essential people to a safe area and confirm that "Line of Fire" is clear.	8.3		
Do not proceed with arming/disarming operations when there is potential for static electricity from approaching electrical storms, blowing dust, or snow.	8.3		
The Service Company will have a designated "Explosive User in Charge" who is responsible for gun arming and disarming. The safety key that is used to lockout the cable circuit in the Wireline Unit must remain outside the Unit until the explosive device is deployed to below 200' in well. The same safety procedure is followed before pulling guns out of hole above 200'.	8.3		

*Any deviation from SOP requirements must be approved by Superintendent before proceeding

ExconMobil Safeguard Register Unconventional Electric Wireline Conveyed Explosives Well Supervisor					 	Class MASIP or MAOP I 0 - 300 psi II 301 - 1,500 psi III 1,501 - 5,000 psi IV > 5,000 psi		
Safeguard	Review Safeguards daily OR at each Shift Change for hour operations. Safeguard owner to witness and in below:							
Hydrocarbon Release Prevention	Date	Date	Date	Date	Date	Date	Date	
Pressure control equipment remains within certification based on well classification Wireline PCE and Lubricator - Pressure tested to MAWP or								
1000 psi over MASIP/MAOP. Required after initial rig up. (Section 2.3)								
Re-testing broken connection between wireline runs. Recommend using quick test safety sub (QTS)								
Wireline valves function tested								
Prevent Inadvertent Detonation of Explosives								
Safety meeting held daily and with crew change or change in operations								
Conduct stray voltage test and verify ground to service unit. Stray voltage must be below 0.25 volts unless using approved high voltage RF Safe Detonators								
Review operating and safety procedures specific to detonator type being used (RFID, Addressable Switches)								
Verify adherence to designated restricted area and areas for radio silence								
Do not proceed with arming operations when there is potential for static electricity from approaching electrical storms, blowing dust, or snow								
Review requirements for gun arming/disarming requirements with the designated "Explosive User in Charge"								
All personnel onsite aware of 'no-go' zone when arming/disarming or assembly of explosive devices								
Confirm communication plan with SIMOPS impacted teams								

*Any deviation from SOP requirements must be approved by Superintendent before proceeding

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Carbon Copy Events	Status	Timestamp			
Witness Events	Signature	Timestamp			
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Notary Events	Signature	Timestamp			
Envelope Summary Events	Status	Timestamps			
Envelope Sent	Hashed/Encrypted	10/16/2024 2:08:49 AM			
Certified Delivered	Security Checked	10/16/2024 2:09:47 AM			
Completed	Security Checked	10/16/2024 2:09:47 AM			
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Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513

Andrew J. French, Chairperson Dwight D. Keen, Commissioner Annie Kuether, Commissioner

October 29, 2024

Pauline A. Herbert XTO Energy Inc. 22777 SPRINGWOODS VILLAGE PKWY SPRING, TX 77389-1425

Re: Plugging Application API 15-081-00093-00-00 MATHES B 1-6 NW/4 Sec.06-27S-31W Haskell County, Kansas

Dear Pauline A. Herbert:

The Conservation Division has received your Well Plugging Application (CP-1).

Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 1 of your proposed plugging plan at least 5 days before plugging the well. DISTRICT 1's phone number is (620) 682-7933. Failure to notify DISTRICT 1, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well. Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after April 27, 2025. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

The April 27, 2025 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff. Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely, Production Department Supervisor

cc: DISTRICT 1



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor