

Confidentiality Requested:

Yes  No

**KANSAS 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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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 Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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](mailto: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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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

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				

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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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:	
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Form	ACO1 - Well Completion
Operator	McGinness Energy Company, Inc.
Well Name	SCROOGE 2H
Doc ID	1778256

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	30	20	70	60	Sx Grout	10	NA
Surface	12.25	9.625	36	1009	Common	335	1% SMS, 2% CC
Intermediate	8.625	7	29	5156	Class H	40	2% gel, .3 C17, .1 FWCA
Production	6.25	4.5	13.5	9140	Allamon	0	See Report



2

**INVOICE**

DATE	INVOICE #
2/8/2024	13307

BILL TO
MCGINNESS ENERGY COMPANY INC 9330 E CENTRAL AVE SUITE 300 WICHITA, KS 67206

REMIT TO
EDGE SERVICE, INC. PO BOX 609 WOODWARD, OK 73802

COUNTY	Start Date	Work Order	Rlg Number	LEASE NAME	Terms
KIOWA	2/7/2024	7792		SCROOGE 2H	Due on rec...

Description
DRILLED 85' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE FURNISHED AND SET 6' X 6' TINHORN CELLAR FURNISHED 85' OF 20" CONDUCTOR PIPE DRILL MOUSE HOLE FURNISHED 85' OF 16" CONDUCTOR PIPE FOR MOUSEHOLE FURNISHED MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED 7 YARDS OF SACK GROUT FOR CONDUCTOR HOLE FURNISHED 2 YARDS OF SACK GROUT FOR MOUSEHOLE FURNISHED GROUT PUMP  TOTAL BID \$24,000.00  LEASE NAME: SCROOGE 2H

<b>Sales Tax (8.25%)</b>	\$580.91
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Thank you for your business.

<b>TOTAL</b>	\$24,580.91
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*Jan*  
2/9/24 1120

Quasar Energy Services, Inc.  
 3288 FM 51  
 Gainesville, TX 76240

# Invoice

Date	Invoice #
2/12/2024	154412

<b>Bill To</b>
McGinness Energy 1635 Waterfront Parkway, Suite 220 Wichita, KS 67206

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

Well

Scrooge 2-7

Description	Quantity	Rate	Amount
Mileage-Pickup	160	5.58	892.80
Mileage-Equipment Mileage	320	8.72	2,790.40
Pumping Service Charge 1	1	2,315.25	2,315.25
Plug Container	1	347.29	347.29
Cement-Class A (LB)	125	23.54	2,942.50
Cement-Lite-A(LB)	210	23.54	4,943.40
C-41L Defoamer Liquid	4	48.63	194.52
Calcium Chloride	235	1.53	359.55
Cello Flakes	75	2.78	208.50
Salt	600	0.53	318.00
Sodium Metasilicate(SMS)C-45	118	2.44	287.92
Sugar	100	2.78	278.00
Subtotal			15,878.13
Discount 15%		-15.00%	-2,381.72

<b>Total</b>	\$13,496.41
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$13,496.41

All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.





**QUASAR ENERGY SERVICES, INC.**

3288 FM 51  
 Gainesville, Texas 76240  
 Office: 940-612 3336

Fax: 940-612-3336 | qesi@qeserve.com

Form 185 2q

2/12/24

CEMENTING JOB LOG

**CEMENTING JOB LOG**

**Company:** EMX OIL & GAS *McGinness Energy* **Well Name:** SCROOGE 2-7  
**Type Job:** SURFACE **AFE #:** 0

CASING DATA					
Size:	9 5/8	Grade:	0	Weight:	36
Casing Depths	Top: 0	Bottom:	0		
Drill Pipe:	Size: 0	Weight:	0		
Tubing:	Size: 0	Weight:	0	Grade: 0	TD (ft): 1109
Open Hole:	Size: 12 1/4	T.D. (ft):	1109		
Perforations	From (ft): 0	To: 0	Packer Depth(ft):	0	

CEMENT DATA						
<b>Spacer Type:</b>						
Amt.	Sks Yield	ft <sup>3</sup> /sk	Density (PPG)		Excess	
<b>LEAD:</b> CLASS A 65/35/6, 3% SALT, 1/4# CELLFLAKE						
Amt.	210	Sks Yield	2.06	ft <sup>3</sup> /sk	432.6	Density (PPG) 12.3
<b>TAIL:</b> CLASS A 1% SMS, 2%CC, 1/4# CELLFLAKE						
Amt.	125	Sks Yield	1.57	ft <sup>3</sup> /sk	196.25	Density (PPG) 13.95
<b>WATER:</b> FRESH						
Lead:	57.5	gals/sk:	11.5	Tail:	23.8	gals/sk: 8 Total (bbls): 81.3
Pump Trucks Used:				DP 4		
Bulk Equipment:				660-24		
Disp. Fluid Type:	FRESH	Amt. (Bbls.)	74.86	Weight (PPG):	8.33	
Mud Type:					Weight (PPG):	

**COMPANY REPRESENTATIVE:** \_\_\_\_\_ **CEMENTER:** JESSE PAXTON

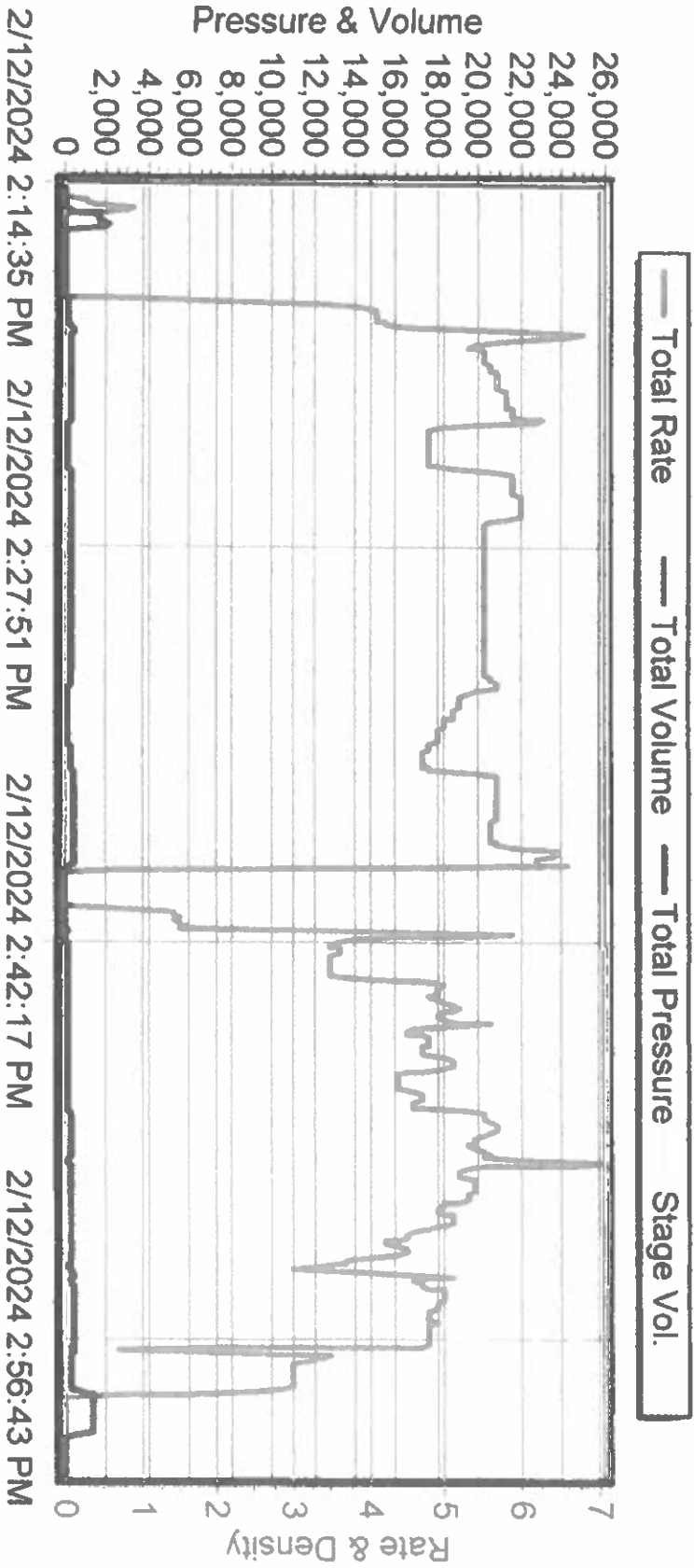
TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
1000						ON LOC / RIG UP
1413						PSI TEST 2000
1418	300			77.04	5.5	PUMP LEAD CEMENT
1432	360			34.95	5.5	PUMP TAIL CEMENT
1440	300			74.86	5	DISPLACE (CEMENT @44BBL)
1457	500				3	SLOW RATE
1459	650					LAND @650 PSI UP TO 1450
1500						RELEASE FLOAT HELD
						JOB COMPLETE THANK YOU!!

McKinness Energy

CMX OIL & GAS

SCROOGE 2-7

SURFACE 2-12-24





Quasar Energy Services, Inc.  
 3288 FM 51  
 Gainesville, TX 76240



# Invoice

Date	Invoice #
3/12/2024	154755

<b>Bill To</b>
CMX Oil & Gas 9330 E Central, Suite 300 Wichita, KS 67206

As of 09/22/2015 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect the full price.

<b>Well</b>
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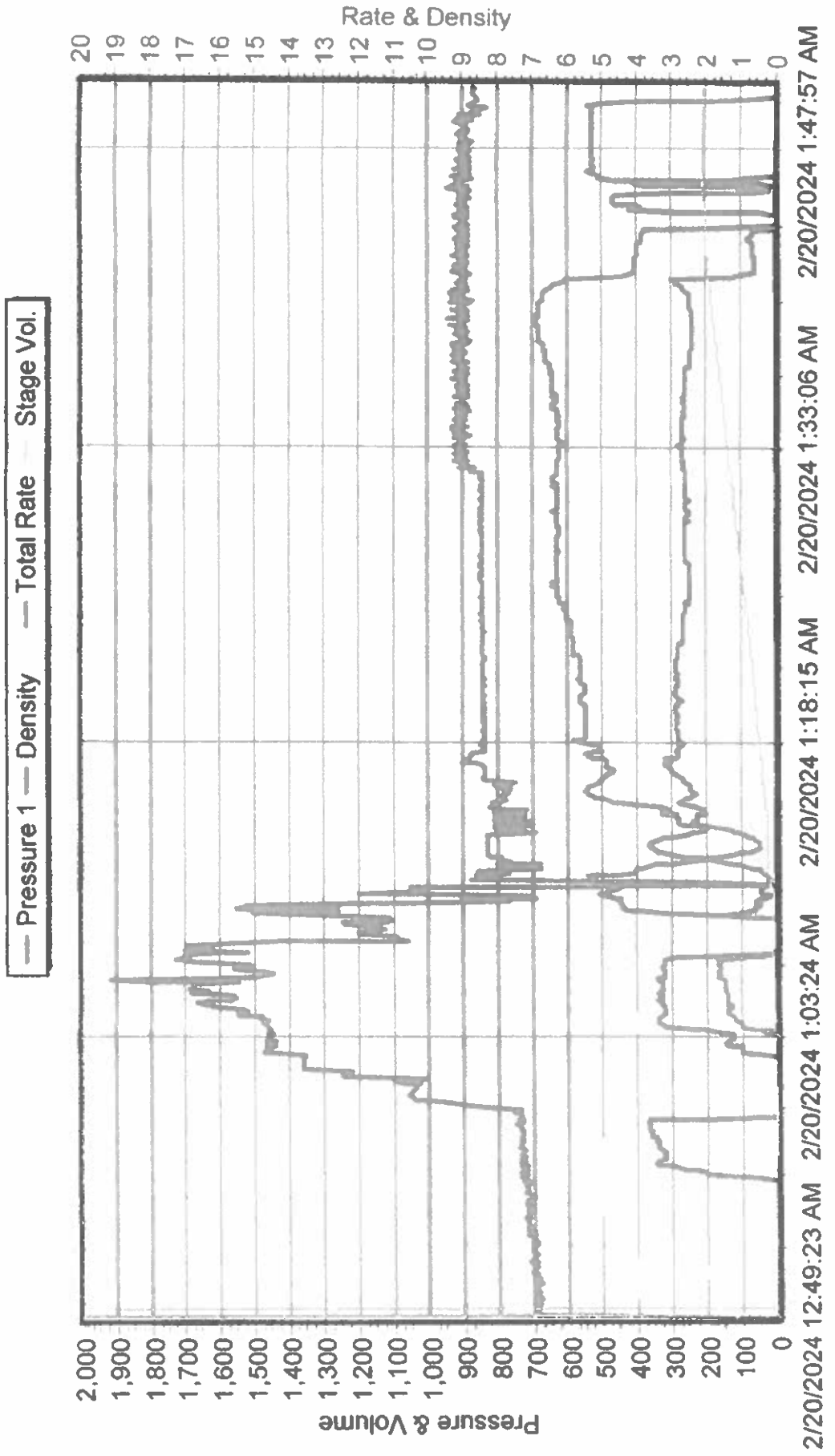
Scrooge 2H
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Description	Quantity	Rate	Amount
Mileage-Pickup	160	5.58	892.80
Mileage-Equipment Mileage	320	8.72	2,790.40
Wait -Per Unit/Per Hour	11	577.50	6,352.50
Pumping Service Charge -2	1	3,307.50	3,307.50
Plug Container	1	347.29	347.29
Cement-Lite-H(LB)	40	26.85	1,074.00
C-17 Fluid Loss	11	12.35	135.85
C-41L Defoamer Liquid	3	48.63	145.89
Tactical Blitz	80	2.63	210.40
Gel (Bentonite)	75	0.36	27.00
C-51 FWCA	4	11.95	47.80
Subtotal			15,331.43
Discount 15%		-15.00%	-2,299.71

<b>Total</b>	\$13,031.72
<b>Payments/Credits</b>	\$0.00
<b>Balance Due</b>	\$13,031.72

All accounts are past due net 30 days following the date of invoice. A finance charge of 1.5% per month or 18% annual percentage rate will be charged on all past due accounts.

CMX OIL & GAS  
SCROOGE #2H  
7" INTERMEDIATE  
02/20/2024



# QUASAR ENERGY SERVICES, INC.

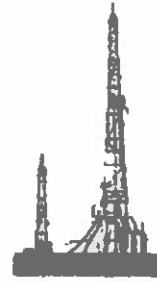


3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



**FRACTURING | ACID | CEMENT | NITROGEN**

BID #: 8157      AFE#/PO#: 0

TYPE / PURPOSE OF JOB: INTERMEDIATE      SERVICE POINT: Liberal, KS

CUSTOMER: CMX OIL & GAS      WELL NAME: SCROOGE #2H

ADDRESS: 9330 E. CENTRAL SUITE 300      LOCATION: HARDTNER, KS

CITY: WICHITA      STATE: KS      ZIP: 67206      COUNTY: BARBER      STATE: KS

DATE OF SALE: 2/20/2024      Perforations: to

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
160	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.58	\$ 892.80
320	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.72	\$ 2,790.40
11	1020	L	Per Unit/HR	Wait - Per Unit Per Hour	\$577.50	\$ 6,352.50
1	5623	L	Per Well	Pumping Service Charge -2	\$3,307.50	\$ 3,307.50
1	6030	L	Per Well	Plug Container	\$347.29	\$ 347.29
<b>Subtotal for Pumping &amp; Equipment Charges</b>						<b>\$ 13,690.49</b>

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
40	5637	L	Per Sack	Cement - Class H (LB)	\$26.85	\$ 1,074.00
11	5693	L	Per Lb.	C-17 Fluid Loss	\$12.35	\$ 135.85
3	5751	L	Per Gal	C-41L Defoamer Liquid	\$48.63	\$ 145.89
80	5803	L	Per Lbs.	Tactical Blitz	\$2.63	\$ 210.40
75	5840	L	Per Lb.	Gel (Bentinite)	\$0.36	\$ 27.00
4	5950	L	Per Lb.	C-51 FWCA	\$11.95	\$ 47.80

MANHOURS: 45	WORKERS: 3	<b>Subtotal for Material Charges</b>		<b>\$ 1,640.84</b>
<b>WORKERS</b>		<b>TOTAL</b>	<b>\$</b>	<b>15,331.43</b>
KIRBY HARPER		<b>DISCOUNT: 15%</b>	<b>DISCOUNT</b>	<b>\$ 2,299.71</b>
ANGEL ECHEVARIA		<b>DISCOUNTED TOTAL</b>		<b>\$ 13,031.72</b>
MIGUEL MERCADO				

STAMPS & NOTES: Well Name: SCROOGE 2H  
 AFE Number: \_\_\_\_\_  
 Acct. Code: 9015  
 Amount: \$13,031.72  
 Date: 2/20/24

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

**CUSTOMER SIGNATURE & DATE**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_

\*All accounts due net 30 days from date of invoice. A finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts

Signature: [Signature]  
Shane Downs





ALLAMON TOOL  
303 Park Row St  
Van, TX 75790  
903-963-7900

Invoice



Invoice Number: 0001784-IN  
Invoice Date: 3/5/2024

Order Number: 0001906  
Order Date: 3/4/2024

Salesperson: PAT  
Customer Number: 20-MCGENE

**Sold To:**  
MCGINNESS ENERGY COMPANY INC  
1635 N WATERFRONT PKWY  
STE 220  
WICHITA, KS 67206  
Customer P.O.  
Service Ticket: 02362024

**Ship To:**  
MCGINNESS ENERGY COMPANY INC  
Well: Scrooge 2H  
Rig: Duke #20  
Barber, Kansas,

Ship VIA

F.O.B.

Terms

NET 30 DAYS

Item Code	Unit	Ordered	Shipped	Back Ordered	Price	Amount
140285-000003	EACH	1.000	1.000	0.000	2,600.00	2,600.00
PACKER, OPEN HOLE (TUFFSEAL); 4.50 (13.5#) BTC; 5.75 OD X 3.89 ID; HSN; P110 (140285-000016)						
160029	EACH	20.000	20.000	0.000	2,600.00	52,000.00
PACKER, OPEN HOLE; 4.50 (13.5#) BTC; 5.625 OD X 3.815 ID; HNBR; 4"XX [110] (106543)						
140050	EACH	19.000	19.000	0.000	3,300.00	62,700.00
SLEEVE, OPEN HOLE (HD-X H3 FRACPORT); 5.63 X 4.50 (13.5#) BTC OR COMPATIBLE; VARIOUS SEAT SIZE; P-110 (140050-XXXXXX)						
140670	EACH	20.000	20.000	0.000	500.00	10,000.00
BALL, DISSOLVABLE FRAC; VARIOUS DIAMETER; SFD-901						
/ATC RIG SITE S	EACH	5.000	5.000	0.000	2,200.00	11,000.00
ATC RIG SIT SERVICE Hector Magallanes 2/27/2024 - 3/2/2024						
/ATC SERVICE MI						3,126.00
ATC MILEAGE 1042 Miles @ \$3.00/Mile						
/ATC DELIVERY S						5,000.00
ATC DELIVERY SERVICE						
/EQUIP RENTAL	EACH	2.000	2.000	0.000	2,500.00	5,000.00
SHOP EQUIPMENTAL RENTAL - EXPENSE XT-39 X 5.95 OD" Dumbell reamer						
/EQUIP RENTAL	EACH	2.000	2.000	0.000	775.00	1,550.00
SHOP EQUIPMENTAL RENTAL - EXPENSE 4"XT-39 X 4"FH Crossovers						

Net Invoice: 152,976.00  
Less Discount: 0.00  
Freight: 0.00  
Sales Tax: 0.00  
**Invoice Total: 152,976.00**



# Service Ticket

#02362024

Allamon Tool Company, Inc.  
 18935 Freeport Drive  
 Montgomery, TX  
 Phone: 936-449-5433  
 Email: mdavis@allamontool.com

AFE:	
PO:	
SAP:	
WBS:	
Pay Key:	
Acct Code:	

**Bill To:**

McGinness Energy  
 1635 Waterfront Pkwy ste 220  
 Wichita, KS 67206

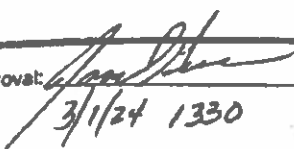
**Ship To:**

McGinness Energy  
 Well: Scrooge 2H  
 Rig: Duke #20  
 County: Barber, Kansas

Latitude: Longitude:

Well ID	Cust Contact/Rep	Contact #	Service Rep	Dates
			Hector Magallanes	2/27-3/2/2024

Item #	Number	Description	Unit Price	Qty Ordered	Total Price
1	140285-000003	OPEN HOLE PACKER TUFF SEAL 4-1/2" 13.5# BTC B X P	\$ 2,600.00	1 ea	\$2,600.00
2	160029	OPEN HOLE PACKER IXX SINGLE ELEMENT 4-1/2" 13.5# BTC B X P	\$ 2,600.00	20 ea	\$52,000.00
3	140050	FRAC SLEEVE 5.630 X 4-1/2" W/ 11.6# BTC CONN. HDX 1.690" - 2.450"	\$ 3,300.00	19 ea	\$62,700.00
4	140670	Frac Balls SF901D	\$ 500.00	20 ea	\$10,000.00
5	ATC RIG SITE SUPERVISOR	ATC RIG SITE SUPERVISOR	\$ 2,200.00	5 ea	\$11,000.00
6	MILEAGE	MILEAGE TO LOCATION FROM BASE	\$ 3.00	1042 ea	\$3,126.00
7	RENTAL - REAMER	XT-39 X 5.95 OD" DUMBELL REAMER	\$ 2,500.00	2 ea	\$5,000.00
8	RENTAL - CROSSOVER	4"XT-39 X 4"FH CROSSOVERS	\$ 775.00	2 ea	\$1,550.00
9	DELIVERY CHARGE	ASSORTED DELIVERY CHARGES	\$ 5,000.00	1 ea	\$5,000.00

Approval:  Date: \_\_\_\_\_  
 3/1/24 1330

Subtotal: \$152,976.00

# CMX Oil Properties

Well: **Scrooge 2-7**  
 Site: **Section 07-T35S-R11W**  
 Project: **Barber County, Kansas NAD27 Ks S**  
 Wellbore: **Original Hole**  
 Design: **rev4**  
 Rig:

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
1	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
2	350.00	0.00	0.000	350.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 2°/100' build
3	1317.66	19.35	90.000	1299.36	0.00	161.88	2.00	90.00	69.88	Begin 19.35° tangent
4	4450.29	19.35	90.000	4254.98	0.00	1200.00	0.00	0.00	518.03	Begin 10°/100' build/turn
5	5030.11	60.00	11.750	4713.25	269.18	1361.20	10.00	-89.95	830.42	Begin 60.00° tangent
6	5210.11	60.00	11.750	4803.25	421.80	1392.94	0.00	0.00	981.79	Begin 10°/100' build
7	5515.01	90.49	11.750	4880.00	707.08	1452.28	10.00	0.00	1264.73	Begin 90.49° lateral
8	9720.02	90.49	11.750	4844.00	4823.82	2308.59	0.00	0.00	5347.79	PBHL @ 9720.02 MD 4844.00 TVD

### DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting
Scrooge 2-7 BHL 2640 FWL 400 FNL r1	4844.00	4823.82	2308.59	128724.493	1983076.214

Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: Kansas South 1502

System Datum: Mean Sea Level  
 Depth Reference: RKB=1381+15 @ 1396.00ft

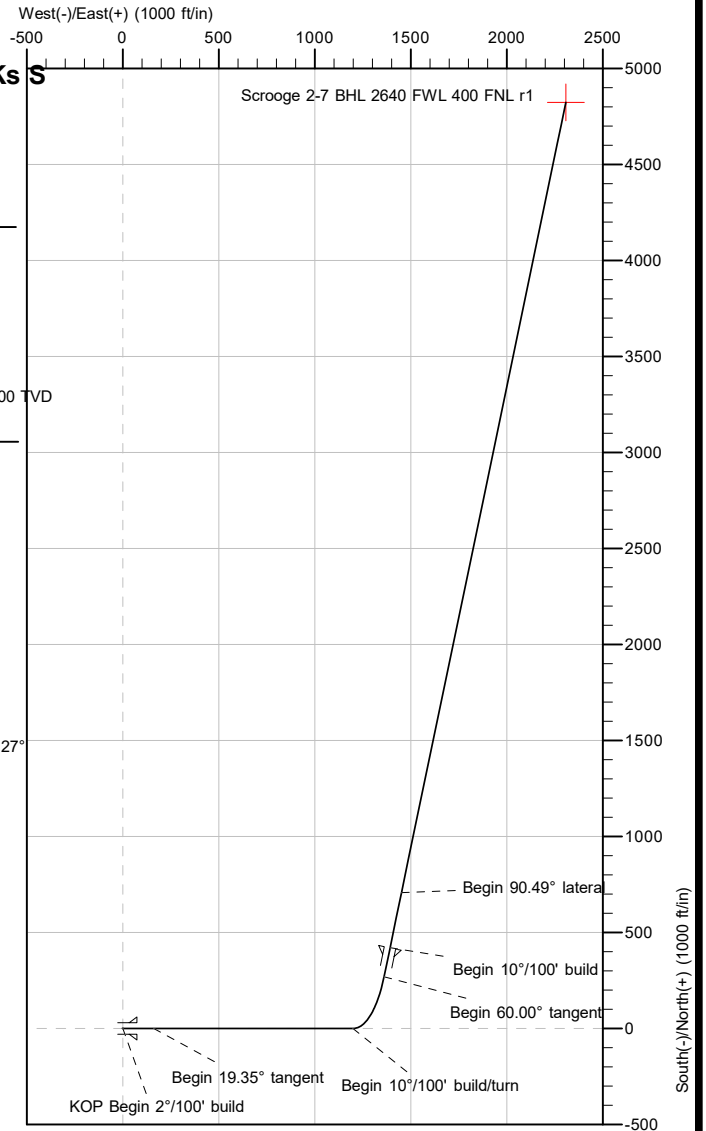
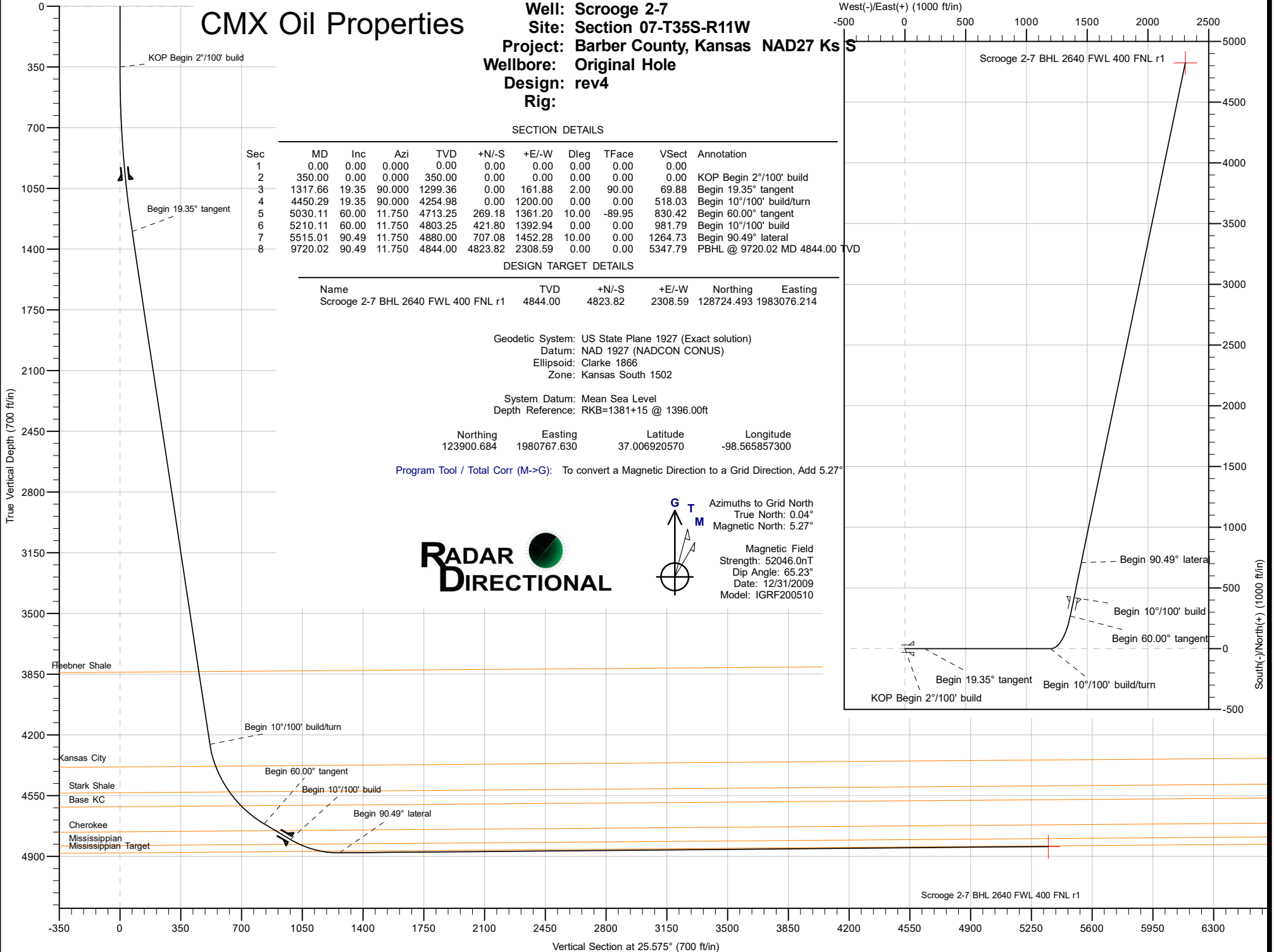
Northing	Easting	Latitude	Longitude
123900.684	1980767.630	37.006920570	-98.565857300

Program Tool / Total Corr (M->G): To convert a Magnetic Direction to a Grid Direction, Add 5.27°



Azimuths to Grid North  
 True North: 0.04°  
 Magnetic North: 5.27°

Magnetic Field  
 Strength: 52046.0nT  
 Dip Angle: 65.23°  
 Date: 12/31/2009  
 Model: IGRF200510



Vertical Section at 25.575° (700 ft/in)

## Planning Report

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

<b>Project</b>	Barber County, Kansas NAD27 Ks S		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Kansas South 1502		

<b>Site</b>	Section 07-T35S-R11W				
<b>Site Position:</b>		<b>Northing:</b>	123,900.690 usft	<b>Latitude:</b>	37.006920600
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,980,767.630 usft	<b>Longitude:</b>	-98.565857300
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	13-3/16 "		

<b>Well</b>	Scrooge 2-7, Surf loc: 380 FWL 150 FSL Section 07-T35S-R11W					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	123,900.684 usft	<b>Latitude:</b>	37.006920569
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	1,980,767.630 usft	<b>Longitude:</b>	-98.565857300
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	1,381.00 ft
<b>Grid Convergence:</b>		-0.04 °				

<b>Wellbore</b>	Original Hole				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	12/31/2009	5.23	65.23	52,046.02185018

<b>Design</b>	rev4				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	25.575	

<b>Plan Survey Tool Program</b>	<b>Date</b>	12/14/2023			
<b>Depth From (ft)</b>	<b>Depth To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.00	9,719.15	rev4 (Original Hole)		

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
350.00	0.00	0.000	350.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,317.66	19.35	90.000	1,299.36	0.00	161.88	2.00	2.00	9.30	90.00	
4,450.29	19.35	90.000	4,254.98	0.00	1,200.00	0.00	0.00	0.00	0.00	
5,030.11	60.00	11.750	4,713.25	269.18	1,361.20	10.00	7.01	-13.50	-89.95	
5,210.11	60.00	11.750	4,803.25	421.80	1,392.94	0.00	0.00	0.00	0.00	
5,515.01	90.49	11.750	4,880.00	707.08	1,452.28	10.00	10.00	0.00	0.00	
9,720.02	90.49	11.750	4,844.00	4,823.82	2,308.59	0.00	0.00	0.00	0.00	Scrooge 2-7 BHL 264



Planning Report

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.000	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.000	300.00	0.00	0.00	0.00	0.00	0.00	0.00
350.00	0.00	0.000	350.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	1.00	90.000	400.00	0.00	0.44	0.19	2.00	2.00	0.00
500.00	3.00	90.000	499.93	0.00	3.93	1.69	2.00	2.00	0.00
600.00	5.00	90.000	599.68	0.00	10.90	4.71	2.00	2.00	0.00
700.00	7.00	90.000	699.13	0.00	21.35	9.22	2.00	2.00	0.00
800.00	9.00	90.000	798.15	0.00	35.27	15.23	2.00	2.00	0.00
900.00	11.00	90.000	896.63	0.00	52.63	22.72	2.00	2.00	0.00
1,000.00	13.00	90.000	994.44	0.00	73.42	31.70	2.00	2.00	0.00
1,100.00	15.00	90.000	1,091.46	0.00	97.62	42.14	2.00	2.00	0.00
1,200.00	17.00	90.000	1,187.58	0.00	125.18	54.04	2.00	2.00	0.00
1,300.00	19.00	90.000	1,282.68	0.00	156.08	67.38	2.00	2.00	0.00
1,317.66	19.35	90.000	1,299.36	0.00	161.88	69.88	2.00	2.00	0.00
1,400.00	19.35	90.000	1,377.05	0.00	189.17	81.66	0.00	0.00	0.00
1,500.00	19.35	90.000	1,471.40	0.00	222.30	95.97	0.00	0.00	0.00
1,600.00	19.35	90.000	1,565.75	0.00	255.44	110.27	0.00	0.00	0.00
1,700.00	19.35	90.000	1,660.10	0.00	288.58	124.58	0.00	0.00	0.00
1,800.00	19.35	90.000	1,754.45	0.00	321.72	138.88	0.00	0.00	0.00
1,900.00	19.35	90.000	1,848.80	0.00	354.86	153.19	0.00	0.00	0.00
2,000.00	19.35	90.000	1,943.15	0.00	388.00	167.50	0.00	0.00	0.00
2,100.00	19.35	90.000	2,037.50	0.00	421.14	181.80	0.00	0.00	0.00
2,200.00	19.35	90.000	2,131.85	0.00	454.28	196.11	0.00	0.00	0.00
2,300.00	19.35	90.000	2,226.20	0.00	487.42	210.41	0.00	0.00	0.00
2,400.00	19.35	90.000	2,320.55	0.00	520.56	224.72	0.00	0.00	0.00
2,500.00	19.35	90.000	2,414.89	0.00	553.69	239.02	0.00	0.00	0.00
2,600.00	19.35	90.000	2,509.24	0.00	586.83	253.33	0.00	0.00	0.00
2,700.00	19.35	90.000	2,603.59	0.00	619.97	267.64	0.00	0.00	0.00
2,800.00	19.35	90.000	2,697.94	0.00	653.11	281.94	0.00	0.00	0.00
2,900.00	19.35	90.000	2,792.29	0.00	686.25	296.25	0.00	0.00	0.00
3,000.00	19.35	90.000	2,886.64	0.00	719.39	310.55	0.00	0.00	0.00
3,100.00	19.35	90.000	2,980.99	0.00	752.53	324.86	0.00	0.00	0.00
3,200.00	19.35	90.000	3,075.34	0.00	785.67	339.17	0.00	0.00	0.00
3,300.00	19.35	90.000	3,169.69	0.00	818.81	353.47	0.00	0.00	0.00
3,400.00	19.35	90.000	3,264.04	0.00	851.95	367.78	0.00	0.00	0.00
3,500.00	19.35	90.000	3,358.39	0.00	885.08	382.08	0.00	0.00	0.00
3,600.00	19.35	90.000	3,452.74	0.00	918.22	396.39	0.00	0.00	0.00
3,700.00	19.35	90.000	3,547.09	0.00	951.36	410.69	0.00	0.00	0.00
3,800.00	19.35	90.000	3,641.44	0.00	984.50	425.00	0.00	0.00	0.00
3,900.00	19.35	90.000	3,735.79	0.00	1,017.64	439.31	0.00	0.00	0.00
4,000.00	19.35	90.000	3,830.14	0.00	1,050.78	453.61	0.00	0.00	0.00
4,100.00	19.35	90.000	3,924.49	0.00	1,083.92	467.92	0.00	0.00	0.00
4,200.00	19.35	90.000	4,018.83	0.00	1,117.06	482.22	0.00	0.00	0.00
4,300.00	19.35	90.000	4,113.18	0.00	1,150.20	496.53	0.00	0.00	0.00
4,400.00	19.35	90.000	4,207.53	0.00	1,183.33	510.83	0.00	0.00	0.00
4,450.29	19.35	90.000	4,254.98	0.00	1,200.00	518.03	0.00	0.00	0.00
4,500.00	19.96	75.296	4,301.82	2.16	1,216.45	527.08	10.00	1.22	-29.58
4,550.00	21.69	62.063	4,348.58	8.65	1,232.88	540.03	10.00	3.46	-26.47
4,600.00	24.30	51.116	4,394.62	19.45	1,249.07	556.75	10.00	5.22	-21.89
4,650.00	27.54	42.386	4,439.60	34.45	1,264.88	577.11	10.00	6.48	-17.46
4,700.00	31.22	35.465	4,483.18	53.56	1,280.20	600.96	10.00	7.35	-13.84
4,750.00	35.20	29.917	4,525.01	76.62	1,294.91	628.11	10.00	7.95	-11.10

Planning Report

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,800.00	39.38	25.387	4,564.79	103.45	1,308.91	658.36	10.00	8.36	-9.06
4,850.00	43.71	21.609	4,602.21	133.86	1,322.08	691.47	10.00	8.66	-7.56
4,900.00	48.14	18.392	4,636.99	167.61	1,334.32	727.20	10.00	8.87	-6.43
4,950.00	52.65	15.596	4,668.86	204.45	1,345.55	765.28	10.00	9.03	-5.59
5,000.00	57.23	13.120	4,697.58	244.09	1,355.67	805.40	10.00	9.14	-4.95
5,030.11	60.00	11.750	4,713.25	269.18	1,361.20	830.42	10.00	9.22	-4.55
5,100.00	60.00	11.750	4,748.20	328.44	1,373.52	889.20	0.00	0.00	0.00
5,200.00	60.00	11.750	4,798.20	413.23	1,391.16	973.29	0.00	0.00	0.00
5,210.11	60.00	11.750	4,803.25	421.80	1,392.94	981.79	0.00	0.00	0.00
5,250.00	63.99	11.750	4,821.98	456.28	1,400.11	1,015.99	10.00	10.00	0.00
5,300.00	68.99	11.750	4,841.92	501.15	1,409.45	1,060.50	10.00	10.00	0.00
5,350.00	73.99	11.750	4,857.79	547.56	1,419.10	1,106.52	10.00	10.00	0.00
5,400.00	78.99	11.750	4,869.47	595.14	1,429.00	1,153.71	10.00	10.00	0.00
5,450.00	83.99	11.750	4,876.87	643.54	1,439.06	1,201.71	10.00	10.00	0.00
5,500.00	88.99	11.750	4,879.93	692.38	1,449.22	1,250.16	10.00	10.00	0.00
5,515.01	90.49	11.750	4,880.00	707.08	1,452.28	1,264.73	10.00	10.00	0.00
5,600.00	90.49	11.750	4,879.27	790.28	1,469.59	1,347.26	0.00	0.00	0.00
5,700.00	90.49	11.750	4,878.41	888.18	1,489.95	1,444.36	0.00	0.00	0.00
5,800.00	90.49	11.750	4,877.56	986.08	1,510.32	1,541.46	0.00	0.00	0.00
5,900.00	90.49	11.750	4,876.70	1,083.99	1,530.68	1,638.56	0.00	0.00	0.00
6,000.00	90.49	11.750	4,875.84	1,181.89	1,551.04	1,735.66	0.00	0.00	0.00
6,100.00	90.49	11.750	4,874.99	1,279.79	1,571.41	1,832.76	0.00	0.00	0.00
6,200.00	90.49	11.750	4,874.13	1,377.69	1,591.77	1,929.86	0.00	0.00	0.00
6,300.00	90.49	11.750	4,873.28	1,475.59	1,612.14	2,026.96	0.00	0.00	0.00
6,400.00	90.49	11.750	4,872.42	1,573.49	1,632.50	2,124.06	0.00	0.00	0.00
6,500.00	90.49	11.750	4,871.56	1,671.39	1,652.86	2,221.16	0.00	0.00	0.00
6,600.00	90.49	11.750	4,870.71	1,769.29	1,673.23	2,318.26	0.00	0.00	0.00
6,700.00	90.49	11.750	4,869.85	1,867.19	1,693.59	2,415.36	0.00	0.00	0.00
6,800.00	90.49	11.750	4,869.00	1,965.09	1,713.96	2,512.46	0.00	0.00	0.00
6,900.00	90.49	11.750	4,868.14	2,062.99	1,734.32	2,609.55	0.00	0.00	0.00
7,000.00	90.49	11.750	4,867.28	2,160.89	1,754.68	2,706.65	0.00	0.00	0.00
7,100.00	90.49	11.750	4,866.43	2,258.80	1,775.05	2,803.75	0.00	0.00	0.00
7,200.00	90.49	11.750	4,865.57	2,356.70	1,795.41	2,900.85	0.00	0.00	0.00
7,300.00	90.49	11.750	4,864.72	2,454.60	1,815.78	2,997.95	0.00	0.00	0.00
7,400.00	90.49	11.750	4,863.86	2,552.50	1,836.14	3,095.05	0.00	0.00	0.00
7,500.00	90.49	11.750	4,863.00	2,650.40	1,856.50	3,192.15	0.00	0.00	0.00
7,600.00	90.49	11.750	4,862.15	2,748.30	1,876.87	3,289.25	0.00	0.00	0.00
7,700.00	90.49	11.750	4,861.29	2,846.20	1,897.23	3,386.35	0.00	0.00	0.00
7,800.00	90.49	11.750	4,860.44	2,944.10	1,917.60	3,483.45	0.00	0.00	0.00
7,900.00	90.49	11.750	4,859.58	3,042.00	1,937.96	3,580.55	0.00	0.00	0.00
8,000.00	90.49	11.750	4,858.72	3,139.90	1,958.32	3,677.65	0.00	0.00	0.00
8,100.00	90.49	11.750	4,857.87	3,237.80	1,978.69	3,774.75	0.00	0.00	0.00
8,200.00	90.49	11.750	4,857.01	3,335.70	1,999.05	3,871.85	0.00	0.00	0.00
8,300.00	90.49	11.750	4,856.16	3,433.61	2,019.42	3,968.95	0.00	0.00	0.00
8,400.00	90.49	11.750	4,855.30	3,531.51	2,039.78	4,066.05	0.00	0.00	0.00
8,500.00	90.49	11.750	4,854.44	3,629.41	2,060.14	4,163.15	0.00	0.00	0.00
8,600.00	90.49	11.750	4,853.59	3,727.31	2,080.51	4,260.25	0.00	0.00	0.00
8,700.00	90.49	11.750	4,852.73	3,825.21	2,100.87	4,357.35	0.00	0.00	0.00
8,800.00	90.49	11.750	4,851.88	3,923.11	2,121.24	4,454.45	0.00	0.00	0.00
8,900.00	90.49	11.750	4,851.02	4,021.01	2,141.60	4,551.55	0.00	0.00	0.00
9,000.00	90.49	11.750	4,850.16	4,118.91	2,161.96	4,648.65	0.00	0.00	0.00
9,100.00	90.49	11.750	4,849.31	4,216.81	2,182.33	4,745.75	0.00	0.00	0.00
9,200.00	90.49	11.750	4,848.45	4,314.71	2,202.69	4,842.85	0.00	0.00	0.00
9,300.00	90.49	11.750	4,847.60	4,412.61	2,223.06	4,939.95	0.00	0.00	0.00

Planning Report

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,400.00	90.49	11.750	4,846.74	4,510.51	2,243.42	5,037.05	0.00	0.00	0.00
9,500.00	90.49	11.750	4,845.88	4,608.42	2,263.78	5,134.15	0.00	0.00	0.00
9,600.00	90.49	11.750	4,845.03	4,706.32	2,284.15	5,231.24	0.00	0.00	0.00
9,700.00	90.49	11.750	4,844.17	4,804.22	2,304.51	5,328.34	0.00	0.00	0.00
9,720.02	90.49	11.750	4,844.00	4,823.82	2,308.59	5,347.79	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Scrooge 2-7 BHL 2640 F - plan hits target center - Point	0.00	0.000	4,844.00	4,823.82	2,308.59	128,724.493	1,983,076.214	37.020172885	-98.557962300

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,005.78	3,835.59	Heebner Shale		-0.43	25.575
4,584.95	4,380.86	Kansas City		-0.43	25.575
4,755.21	4,529.26	Stark Shale		-0.43	25.575
4,859.12	4,608.76	Base KC		-0.43	25.575
5,108.15	4,752.28	Cherokee		-0.43	25.575
5,269.53	4,830.25	Mississippian		-0.43	25.575
5,409.87	4,871.27	Mississippian Target		-0.43	25.575

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
350.00	350.00	0.00	0.00	KOP Begin 2°/100' build
1,317.66	1,299.36	0.00	161.88	Begin 19.35° tangent
4,450.29	4,254.98	0.00	1,200.00	Begin 10°/100' build/turn
5,030.11	4,713.25	269.18	1,361.20	Begin 60.00° tangent
5,210.11	4,803.25	421.80	1,392.94	Begin 10°/100' build
5,515.01	4,880.00	707.08	1,452.28	Begin 90.49° lateral
9,720.02	4,844.00	4,823.82	2,308.59	PBHL @ 9720.02 MD 4844.00 TVD

Planning Report - Geographic

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

<b>Project</b>	Barber County, Kansas NAD27 Ks S		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Kansas South 1502		

<b>Site</b>	Section 07-T35S-R11W				
<b>Site Position:</b>		<b>Northing:</b>	123,900.690 usft	<b>Latitude:</b>	37.006920600
<b>From:</b>	Lat/Long	<b>Easting:</b>	1,980,767.630 usft	<b>Longitude:</b>	-98.565857300
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	13-3/16 "		

<b>Well</b>	Scrooge 2-7, Surf loc: 380 FWL 150 FSL Section 07-T35S-R11W					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	123,900.684 usft	<b>Latitude:</b>	37.006920569
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	1,980,767.630 usft	<b>Longitude:</b>	-98.565857300
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	1,381.00 ft
<b>Grid Convergence:</b>	-0.04 °					

<b>Wellbore</b>	Original Hole				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	12/31/2009	5.23	65.23	52,046.02185018

<b>Design</b>	rev4				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	25.575	

<b>Plan Survey Tool Program</b>	<b>Date</b>	12/14/2023			
<b>Depth From (ft)</b>	<b>Depth To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.00	9,719.15 rev4 (Original Hole)			

<b>Plan Sections</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
350.00	0.00	0.000	350.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,317.66	19.35	90.000	1,299.36	0.00	161.88	2.00	2.00	9.30	90.00	
4,450.29	19.35	90.000	4,254.98	0.00	1,200.00	0.00	0.00	0.00	0.00	
5,030.11	60.00	11.750	4,713.25	269.18	1,361.20	10.00	7.01	-13.50	-89.95	
5,210.11	60.00	11.750	4,803.25	421.80	1,392.94	0.00	0.00	0.00	0.00	
5,515.01	90.49	11.750	4,880.00	707.08	1,452.28	10.00	10.00	0.00	0.00	
9,720.02	90.49	11.750	4,844.00	4,823.82	2,308.59	0.00	0.00	0.00	0.00	Scrooge 2-7 BHL 264

Planning Report - Geographic

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.000	0.00	0.00	0.00	123,900.684	1,980,767.630	37.006920569	-98.565857300	
100.00	0.00	0.000	100.00	0.00	0.00	123,900.684	1,980,767.630	37.006920569	-98.565857300	
200.00	0.00	0.000	200.00	0.00	0.00	123,900.684	1,980,767.630	37.006920569	-98.565857300	
300.00	0.00	0.000	300.00	0.00	0.00	123,900.684	1,980,767.630	37.006920569	-98.565857300	
350.00	0.00	0.000	350.00	0.00	0.00	123,900.684	1,980,767.630	37.006920569	-98.565857300	
400.00	1.00	90.000	400.00	0.00	0.44	123,900.684	1,980,768.066	37.006920570	-98.565855806	
500.00	3.00	90.000	499.93	0.00	3.93	123,900.684	1,980,771.556	37.006920577	-98.565843856	
600.00	5.00	90.000	599.68	0.00	10.90	123,900.684	1,980,778.531	37.006920590	-98.565819970	
700.00	7.00	90.000	699.13	0.00	21.35	123,900.684	1,980,788.984	37.006920611	-98.565784178	
800.00	9.00	90.000	798.15	0.00	35.27	123,900.684	1,980,802.900	37.006920638	-98.565736524	
900.00	11.00	90.000	896.63	0.00	52.63	123,900.684	1,980,820.264	37.006920671	-98.565677065	
1,000.00	13.00	90.000	994.44	0.00	73.42	123,900.684	1,980,841.054	37.006920711	-98.565605874	
1,100.00	15.00	90.000	1,091.46	0.00	97.62	123,900.684	1,980,865.245	37.006920758	-98.565523037	
1,200.00	17.00	90.000	1,187.58	0.00	125.18	123,900.684	1,980,892.807	37.006920811	-98.565428655	
1,300.00	19.00	90.000	1,282.68	0.00	156.08	123,900.684	1,980,923.707	37.006920871	-98.565322845	
1,317.66	19.35	90.000	1,299.36	0.00	161.88	123,900.684	1,980,929.508	37.006920882	-98.565302983	
1,400.00	19.35	90.000	1,377.05	0.00	189.17	123,900.684	1,980,956.795	37.006920934	-98.565209543	
1,500.00	19.35	90.000	1,471.40	0.00	222.30	123,900.684	1,980,989.934	37.006920998	-98.565096066	
1,600.00	19.35	90.000	1,565.75	0.00	255.44	123,900.684	1,981,023.073	37.006921062	-98.564982588	
1,700.00	19.35	90.000	1,660.10	0.00	288.58	123,900.684	1,981,056.212	37.006921125	-98.564869111	
1,800.00	19.35	90.000	1,754.45	0.00	321.72	123,900.684	1,981,089.351	37.006921188	-98.564755634	
1,900.00	19.35	90.000	1,848.80	0.00	354.86	123,900.684	1,981,122.489	37.006921251	-98.564642156	
2,000.00	19.35	90.000	1,943.15	0.00	388.00	123,900.684	1,981,155.628	37.006921314	-98.564528679	
2,100.00	19.35	90.000	2,037.50	0.00	421.14	123,900.684	1,981,188.767	37.006921377	-98.564415201	
2,200.00	19.35	90.000	2,131.85	0.00	454.28	123,900.684	1,981,221.906	37.006921440	-98.564301724	
2,300.00	19.35	90.000	2,226.20	0.00	487.42	123,900.684	1,981,255.045	37.006921503	-98.564188247	
2,400.00	19.35	90.000	2,320.55	0.00	520.56	123,900.684	1,981,288.184	37.006921566	-98.564074769	
2,500.00	19.35	90.000	2,414.89	0.00	553.69	123,900.684	1,981,321.323	37.006921628	-98.563961292	
2,600.00	19.35	90.000	2,509.24	0.00	586.83	123,900.684	1,981,354.462	37.006921690	-98.563847815	
2,700.00	19.35	90.000	2,603.59	0.00	619.97	123,900.684	1,981,387.601	37.006921753	-98.563734337	
2,800.00	19.35	90.000	2,697.94	0.00	653.11	123,900.684	1,981,420.740	37.006921815	-98.563620860	
2,900.00	19.35	90.000	2,792.29	0.00	686.25	123,900.684	1,981,453.879	37.006921877	-98.563507382	
3,000.00	19.35	90.000	2,886.64	0.00	719.39	123,900.684	1,981,487.018	37.006921939	-98.563393905	
3,100.00	19.35	90.000	2,980.99	0.00	752.53	123,900.684	1,981,520.156	37.006922001	-98.563280428	
3,200.00	19.35	90.000	3,075.34	0.00	785.67	123,900.684	1,981,553.295	37.006922062	-98.563166950	
3,300.00	19.35	90.000	3,169.69	0.00	818.81	123,900.684	1,981,586.434	37.006922124	-98.563053473	
3,400.00	19.35	90.000	3,264.04	0.00	851.95	123,900.684	1,981,619.573	37.006922185	-98.562939995	
3,500.00	19.35	90.000	3,358.39	0.00	885.08	123,900.684	1,981,652.712	37.006922247	-98.562826518	
3,600.00	19.35	90.000	3,452.74	0.00	918.22	123,900.684	1,981,685.851	37.006922308	-98.562713041	
3,700.00	19.35	90.000	3,547.09	0.00	951.36	123,900.684	1,981,718.990	37.006922369	-98.562599563	
3,800.00	19.35	90.000	3,641.44	0.00	984.50	123,900.684	1,981,752.129	37.006922430	-98.562486086	
3,900.00	19.35	90.000	3,735.79	0.00	1,017.64	123,900.684	1,981,785.268	37.006922491	-98.562372608	
4,000.00	19.35	90.000	3,830.14	0.00	1,050.78	123,900.684	1,981,818.407	37.006922552	-98.562259131	
4,100.00	19.35	90.000	3,924.49	0.00	1,083.92	123,900.684	1,981,851.546	37.006922613	-98.562145654	
4,200.00	19.35	90.000	4,018.83	0.00	1,117.06	123,900.684	1,981,884.685	37.006922673	-98.562032176	
4,300.00	19.35	90.000	4,113.18	0.00	1,150.20	123,900.684	1,981,917.823	37.006922734	-98.561918699	
4,400.00	19.35	90.000	4,207.53	0.00	1,183.33	123,900.684	1,981,950.962	37.006922794	-98.561805222	
4,450.29	19.35	90.000	4,254.98	0.00	1,200.00	123,900.684	1,981,967.627	37.006922825	-98.561748156	
4,500.00	19.96	75.296	4,301.82	2.16	1,216.45	123,902.839	1,981,984.082	37.006928774	-98.561691814	
4,550.00	21.69	62.063	4,348.58	8.65	1,232.88	123,909.339	1,982,000.511	37.006946653	-98.561635572	
4,600.00	24.30	51.116	4,394.62	19.45	1,249.07	123,920.133	1,982,016.693	37.006976327	-98.561580186	
4,650.00	27.54	42.386	4,439.60	34.45	1,264.88	123,935.139	1,982,032.504	37.007017569	-98.561526075	
4,700.00	31.22	35.465	4,483.18	53.56	1,280.20	123,954.244	1,982,047.826	37.007070066	-98.561473654	
4,750.00	35.20	29.917	4,525.01	76.62	1,294.91	123,977.302	1,982,062.540	37.007133419	-98.561423319	
4,800.00	39.38	25.387	4,564.79	103.45	1,308.91	124,004.137	1,982,076.536	37.007207144	-98.561375455	

Planning Report - Geographic

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
4,850.00	43.71	21.609	4,602.21	133.86	1,322.08	124,034.545	1,982,089.706	37.007290681	-98.561330425	
4,900.00	48.14	18.392	4,636.99	167.61	1,334.32	124,068.295	1,982,101.950	37.007383395	-98.561288573	
4,950.00	52.65	15.596	4,668.86	204.45	1,345.55	124,105.130	1,982,113.175	37.007484579	-98.561250217	
5,000.00	57.23	13.120	4,697.58	244.09	1,355.67	124,144.770	1,982,123.296	37.007593463	-98.561215648	
5,030.11	60.00	11.750	4,713.25	269.18	1,361.20	124,169.865	1,982,128.825	37.007662393	-98.561196772	
5,100.00	60.00	11.750	4,748.20	328.44	1,373.52	124,229.127	1,982,141.152	37.007825172	-98.561154696	
5,200.00	60.00	11.750	4,798.20	413.23	1,391.16	124,313.914	1,982,158.787	37.008058065	-98.561094495	
5,210.11	60.00	11.750	4,803.25	421.80	1,392.94	124,322.482	1,982,160.570	37.008081599	-98.561088412	
5,250.00	63.99	11.750	4,821.98	456.28	1,400.11	124,356.960	1,982,167.741	37.008176303	-98.561063932	
5,300.00	68.99	11.750	4,841.92	501.15	1,409.45	124,401.835	1,982,177.075	37.008299562	-98.561032070	
5,350.00	73.99	11.750	4,857.79	547.56	1,419.10	124,448.240	1,982,186.727	37.008427026	-98.560999121	
5,400.00	78.99	11.750	4,869.47	595.14	1,429.00	124,495.822	1,982,196.625	37.008557724	-98.560965335	
5,450.00	83.99	11.750	4,876.87	643.54	1,439.06	124,544.220	1,982,206.692	37.008690661	-98.560930971	
5,500.00	88.99	11.750	4,879.93	692.38	1,449.22	124,593.065	1,982,216.852	37.008824827	-98.560896288	
5,515.01	90.49	11.750	4,880.00	707.08	1,452.28	124,607.759	1,982,219.908	37.008865190	-98.560885854	
5,600.00	90.49	11.750	4,879.27	790.28	1,469.59	124,690.965	1,982,237.216	37.009093737	-98.560826773	
5,700.00	90.49	11.750	4,878.41	888.18	1,489.95	124,788.866	1,982,257.579	37.009362648	-98.560757257	
5,800.00	90.49	11.750	4,877.56	986.08	1,510.32	124,886.766	1,982,277.943	37.009631558	-98.560687741	
5,900.00	90.49	11.750	4,876.70	1,083.99	1,530.68	124,984.667	1,982,298.307	37.009900469	-98.560618225	
6,000.00	90.49	11.750	4,875.84	1,181.89	1,551.04	125,082.568	1,982,318.671	37.010169379	-98.560548708	
6,100.00	90.49	11.750	4,874.99	1,279.79	1,571.41	125,180.468	1,982,339.035	37.010438290	-98.560479190	
6,200.00	90.49	11.750	4,874.13	1,377.69	1,591.77	125,278.369	1,982,359.399	37.010707200	-98.560409672	
6,300.00	90.49	11.750	4,873.28	1,475.59	1,612.14	125,376.270	1,982,379.763	37.010976111	-98.560340153	
6,400.00	90.49	11.750	4,872.42	1,573.49	1,632.50	125,474.170	1,982,400.127	37.011245021	-98.560270634	
6,500.00	90.49	11.750	4,871.56	1,671.39	1,652.86	125,572.071	1,982,420.491	37.011513931	-98.560201115	
6,600.00	90.49	11.750	4,870.71	1,769.29	1,673.23	125,669.972	1,982,440.855	37.011782842	-98.560131594	
6,700.00	90.49	11.750	4,869.85	1,867.19	1,693.59	125,767.872	1,982,461.219	37.012051752	-98.560062074	
6,800.00	90.49	11.750	4,869.00	1,965.09	1,713.96	125,865.773	1,982,481.583	37.012320662	-98.559992553	
6,900.00	90.49	11.750	4,868.14	2,062.99	1,734.32	125,963.674	1,982,501.947	37.012589572	-98.559923031	
7,000.00	90.49	11.750	4,867.28	2,160.89	1,754.68	126,061.574	1,982,522.310	37.012858483	-98.559853509	
7,100.00	90.49	11.750	4,866.43	2,258.80	1,775.05	126,159.475	1,982,542.674	37.013127393	-98.559783986	
7,200.00	90.49	11.750	4,865.57	2,356.70	1,795.41	126,257.376	1,982,563.038	37.013396303	-98.559714463	
7,300.00	90.49	11.750	4,864.72	2,454.60	1,815.78	126,355.276	1,982,583.402	37.013665213	-98.559644940	
7,400.00	90.49	11.750	4,863.86	2,552.50	1,836.14	126,453.177	1,982,603.766	37.013934123	-98.559575416	
7,500.00	90.49	11.750	4,863.00	2,650.40	1,856.50	126,551.077	1,982,624.130	37.014203033	-98.559505891	
7,600.00	90.49	11.750	4,862.15	2,748.30	1,876.87	126,648.978	1,982,644.494	37.014471943	-98.559436366	
7,700.00	90.49	11.750	4,861.29	2,846.20	1,897.23	126,746.879	1,982,664.858	37.014740853	-98.559366840	
7,800.00	90.49	11.750	4,860.44	2,944.10	1,917.60	126,844.779	1,982,685.222	37.015009763	-98.559297314	
7,900.00	90.49	11.750	4,859.58	3,042.00	1,937.96	126,942.680	1,982,705.586	37.015278673	-98.559227787	
8,000.00	90.49	11.750	4,858.72	3,139.90	1,958.32	127,040.581	1,982,725.950	37.015547582	-98.559158260	
8,100.00	90.49	11.750	4,857.87	3,237.80	1,978.69	127,138.481	1,982,746.314	37.015816492	-98.559088733	
8,200.00	90.49	11.750	4,857.01	3,335.70	1,999.05	127,236.382	1,982,766.678	37.016085402	-98.559019205	
8,300.00	90.49	11.750	4,856.16	3,433.61	2,019.42	127,334.283	1,982,787.041	37.016354312	-98.558949676	
8,400.00	90.49	11.750	4,855.30	3,531.51	2,039.78	127,432.183	1,982,807.405	37.016623221	-98.558880147	
8,500.00	90.49	11.750	4,854.44	3,629.41	2,060.14	127,530.084	1,982,827.769	37.016892131	-98.558810617	
8,600.00	90.49	11.750	4,853.59	3,727.31	2,080.51	127,627.985	1,982,848.133	37.017161041	-98.558741087	
8,700.00	90.49	11.750	4,852.73	3,825.21	2,100.87	127,725.885	1,982,868.497	37.017429950	-98.558671556	
8,800.00	90.49	11.750	4,851.88	3,923.11	2,121.24	127,823.786	1,982,888.861	37.017698860	-98.558602025	
8,900.00	90.49	11.750	4,851.02	4,021.01	2,141.60	127,921.687	1,982,909.225	37.017967769	-98.558532494	
9,000.00	90.49	11.750	4,850.16	4,118.91	2,161.96	128,019.587	1,982,929.589	37.018236679	-98.558462962	
9,100.00	90.49	11.750	4,849.31	4,216.81	2,182.33	128,117.488	1,982,949.953	37.018505588	-98.558393429	
9,200.00	90.49	11.750	4,848.45	4,314.71	2,202.69	128,215.388	1,982,970.317	37.018774498	-98.558323896	
9,300.00	90.49	11.750	4,847.60	4,412.61	2,223.06	128,313.289	1,982,990.681	37.019043407	-98.558254362	
9,400.00	90.49	11.750	4,846.74	4,510.51	2,243.42	128,411.190	1,983,011.045	37.019312316	-98.558184828	
9,500.00	90.49	11.750	4,845.88	4,608.42	2,263.78	128,509.090	1,983,031.409	37.019581226	-98.558115294	

Planning Report - Geographic

<b>Database:</b>	DT_Aug2923v16	<b>Local Co-ordinate Reference:</b>	Well Scrooge 2-7
<b>Company:</b>	CMX Oil Properties	<b>TVD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Project:</b>	Barber County, Kansas NAD27 Ks S	<b>MD Reference:</b>	RKB=1381+15 @ 1396.00ft
<b>Site:</b>	Section 07-T35S-R11W	<b>North Reference:</b>	Grid
<b>Well:</b>	Scrooge 2-7	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Original Hole		
<b>Design:</b>	rev4		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,600.00	90.49	11.750	4,845.03	4,706.32	2,284.15	128,606.991	1,983,051.772	37.019850135	-98.558045758
9,700.00	90.49	11.750	4,844.17	4,804.22	2,304.51	128,704.892	1,983,072.136	37.020119044	-98.557976223
9,720.02	90.49	11.750	4,844.00	4,823.82	2,308.59	128,724.493	1,983,076.214	37.020172885	-98.557962300

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Scrooge 2-7 BHL 2640 F - hit/miss target - Shape - Point	0.00	0.000	4,844.00	4,823.82	2,308.59	128,724.493	1,983,076.214	37.020172885	-98.557962300

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,005.78	3,835.59	Heebner Shale		-0.43	25.575
4,584.95	4,380.86	Kansas City		-0.43	25.575
4,755.21	4,529.26	Stark Shale		-0.43	25.575
4,859.12	4,608.76	Base KC		-0.43	25.575
5,108.15	4,752.28	Cherokee		-0.43	25.575
5,269.53	4,830.25	Mississippian		-0.43	25.575
5,409.87	4,871.27	Mississippian Target		-0.43	25.575

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
350.00	350.00	0.00	0.00	KOP Begin 2°/100' build
1,317.66	1,299.36	0.00	161.88	Begin 19.35° tangent
4,450.29	4,254.98	0.00	1,200.00	Begin 10°/100' build/turn
5,030.11	4,713.25	269.18	1,361.20	Begin 60.00° tangent
5,210.11	4,803.25	421.80	1,392.94	Begin 10°/100' build
5,515.01	4,880.00	707.08	1,452.28	Begin 90.49° lateral
9,720.02	4,844.00	4,823.82	2,308.59	PBHL @ 9720.02 MD 4844.00 TVD





Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



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

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

Laura Kelly, Governor

July 18, 2024

Douglas H McGinness II  
McGinness Energy Company, Inc.  
1635 N WATERFRONT PKWY STE 220  
WICHITA, KS 67206-6630

Re: ACO-1  
API 15-007-24493-01-00  
SCROOGE 2H  
NW/4 Sec.18-35S-11W  
Barber County, Kansas

Dear Douglas H McGinness II:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 02/11/2024 and the ACO-1 was received on July 18, 2024 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department