

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5263
Name: Midwestern Exploration Co.
Address: 3500 S. Boulevard, Suite 2B
City/State/Zip: Edmond, OK 73013
Purchaser: OneOk
Operator Contact Person: Dale J. Lollar
Phone: (405) 340-4300
Contractor: Name: Cheyenne Drilling Co.
License: 5382

Wellsite Geologist: _____

Designate Type of Completion:

New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: NA
Well Name: NA

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

<u>01/25/02</u>	<u>02/04/02</u>	<u>03/14/02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 175-218660000
County: Seward
NW 4 NE 4 Sec. 10 Twp. 33 S. R. 32 East West
660 feet from S / (N) (circle one) Line of Section
1980 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: City of Liberal Well #: 2-10

Field Name: Fedder Southwest

Producing Formation: Morrow

Elevation: Ground: 2791 Kelly Bushing: 2804

Total Depth: 6055 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 1590 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set NA Feet

If Alternate II completion, cement circulated from NA

feet depth to NA w/ _____ sx cmt.

ALT 1 4/10/02 WDM

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 2200 ppm Fluid volume _____ bbls

Dewatering method used Evaporation to atmosphere

Location of fluid disposal if hauled offsite: NA

Operator Name: NA

Lease Name: NA License No.: NA

Quarter --- Sec. --- Twp. --- S. R. --- East West

County: NA Docket No.: NA

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Dale J. Lollar

Title: President Date: 05/24/02

Subscribed and sworn to before me this 24 day of May 2002

Notary Public: Virginia Means
My commission expires July 12, 2005.

Date Commission Expires: July 12, 2005



KCC Office Use ONLY

Letter of Confidentiality Attached DPW
If Denied, Yes Date: 06-04-02
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Midwestern Exploration Co. Lease Name: City of Liberal Well #: 2-10
 Sec. 10 Twp. 33 S. R. 32 East West County: Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Log) Formation (Top), Depth and Datum Sample Name Top Datum Chase Herrington 2625 +178 Base Heebner 4290 -1487 Toronto 4312 -1509 Lansing 4436 -1633 Morrow Shale 5586 -2783 Miss. Chester 5808 -3005 Ste. Genevieve 5970 -3167
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes No	
Cores Taken	Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes No	
List All E. Logs Run: GR/SP - DIL GR - CND GR - MICROLOG		

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CASING RECORD <input checked="" 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
Surface	12 3/4	8 5/8	24	1509	A-CON	505	3%CC-1/4#Floccule
Production	7 7/8	4 1/2	10.5	6047	AAZ	190	10% salt - 0.5% fluid loss

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				None
				None

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 SPF	5702-5722	Acid/1000 gal 7.5%	
		Frac/273 bbls 65% N ₂ x 230 sx	
		20/40 SN + 30 sx 12/20 SN	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	5699 SN	---	Yes <input checked="" type="checkbox"/> No
Date of <input checked="" type="checkbox"/> First Resumed Production, SWD or Enhr.	Producing Method				
05/14/02	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	750	2	---	0.6397

Disposition of Gas: Vented Sold Used on Lease (If vented, Sumit ACO-18.)

Production Interval: Open Hole Perf. Dually Comp. Commingled NA

Other (Specify) _____



TREATMENT REPORT

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Customer ID		Date	
Customer Midwestera Explor		3-11-02	
Lease City of Liberal		Lease No.	Well # 2-10
Field Order # 4493	Station PRATT	Casing	Depth
Type Job Proc New Well		Formation Morrow	County Seward
		Legal Description 10-33S-32W	State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft 4		Acid		RATE FOAM	PRESS 5	ISIP 2330
Depth	Depth	From 5702	To 5722	Pre Pad		Max 20	2650	5 Min. 2120
Volume 90.7	Volume	From	To	Pad 9000 gal 65% Foam		Min 20	2100	10 Min. 2060
Max Press 3000	Max Press	From	To	Frac 12000 gal 65%		Avg 20	2300	15 Min. 2010
Well Connection	Annulus Vol.	From	To	1750 gal 60% 90		HHP Used		Annulus Pressure
Plug Depth 6005	Packer Depth	From	To	Flush 3900 gal 60% 90		Gas Volume		Total Load 2730L

Customer Representative Billy Dougherty	Station Manager D Autrey	Treater MC Flennan
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Service Units	37	39-64	42-52	110	113				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	0935 ON LOC	Service Log
			Fluid			Fluid-Foam Set up Hold Safety Meeting
1134	3500					Test Line
1137				7-20		START 9000 gal Foam Pad
1148	2100		75	7.3-20		START 2000 gal w/ 1/2" / gal 20/40 sand
1150	2500		93	7.6-20		START 2000 gal w/ 1" / gal 20/40
1153	2420		111	7.6-20		1/2" / gal 20/40 ON BOTTOM
1153	2420		112	8.1-20		START 4000 gal w/ 2" / gal 20/40
1155	2300		129	8.1-20		1" / gal 20/40 ON BOTTOM
1157	2280		148	8.1-20		2" / gal 20/40 ON BOTTOM
1159	2300		154	8.6-20		START 4000 w/ 3" / gal 20/40
1202	2400		190	8.6-20		3" / gal 20/40 ON BOTTOM
1202	2300		200	9.8-20		START 1000 gal w/ 4" / gal 20/40
1205	2200		214	9.8-20		START 750 gal w/ 4" / gal 12/20 AFRAC
1207	2100		225	9.8-20		START 3900 gal Foam Flush
1207	2100		235	8-20		START 4" / gal 20/40 ON BOTTOM
1212	2600		272	8-20		Flush in
	2330					ISIP

Thank You!



TREATMENT REPORT

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MAY 28 2002
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Customer ID	Date
Customer MIDWESTERN Expl. Co.	1-26-02
Lease CITY OF LIBERAL	Lease No.
	Well # 2-10

Field Order # 4531	Station PRATT	Casing 8 7/8	Depth 1592.20	County SEWARD	State Ks
Type Job SURFACE	NEW Well	Formation	Legal Description 10-335-32W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
8 7/8				405 SKS A-COM				5 Min.
Depth 1592.20	Depth	From	To	Prd Pad 3% CC. 1/4" CELLULOSE	Max			10 Min.
Volume	Volume	From	To	Pad 11.5 #/GAL 2% GEL 3% CC. 1/4" CELLULOSE	Min			15 Min.
Max Press	Max Press	From	To	Frac 100 SKS Common	Avg			Annulus Pressure
Well Connection	Annulus Vol.	From	To	2% GEL 3% CC. 1/4" CELLULOSE	HHP Used			Total Load
Plug Depth	Packer Depth	From	To	Flush 15 #/GAL 1.36 #/GAL	Gas Volume			

Customer Representative BILL DAUGHERTY	Station Manager D. ATRY	Treater T. SEBA
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Service Units	108	35	57	38	72	31	70
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Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
11:00					CALLED OUT
15:00					ON LOC W/ TRK'S SAFETY MTG
					RUN 1592.20' 8 7/8 24" CSG 36 JO'S
					GUIDE SHOOF TSPV ON 1ST CONT ON 1/2 1ST
					2ND CMO BSKF 2 OUT 34 JT
21:10					CSG ON BOTTOM DROP BALL
21:20					MOOL UP TO CSG & BREAK CIRC W/ CSG
21:45	100		10	6	PUMP 10 BBL'S H2O
	200		0		START MIX CEMENT
			213.5		405 SKS A-COM & 11.5 #/GAL 3% CC. 1/4" CEL
			24.2		100 SKS Common & 15 #/GAL 2% GEL 3% CC. 1/4" CEL
			237.7		FINISHED MIX CEMENT
					SHUT DOWN & RELEASE PLUG
22:34	100'		0	7	START DISP
22:50	600		98.4	2	PLUG DOWN
					RELEASE PLUG HEAD
					GOOD CIRC THEN JOB
					CIRC 70 SKS A-COM TO PIT
					JOB COMPLETE
					THANKS
					TOOD

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383