

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

COPY

Operator: License # 5254  
Name: MIDCO EXPLORATION, INC.  
Address: 414 PLAZA DRIVE, SUITE 204  
City/State/Zip: WESTMONT, IL 60559  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Earl J. Joyce, Jr.  
Phone: (630) 655-2198  
Contractor: Name: Big A Drilling  
License: 31572  
Wellsite Geologist: Alan Downing

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

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

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: Wichita, Kansas  
 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. \_\_\_\_\_

9/6/01 9/25/01 11/23/01  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 025-212320000  
County: Clark  
W/2 NE Sec. 19 Twp. 33 S. R. 25  East  West  
1320 feet from S / (N) (circle one) Line of Section  
1800 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: Theis Well #: 2-19

Field Name: \_\_\_\_\_  
Producing Formation: Mississippi  
Elevation: Ground: 2115 Kelly Bushing: 2126  
Total Depth: 7069 Plug Back Total Depth: 6822  
Amount of Surface Pipe Set and Cemented at 816 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 6103 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan 11/11/05-18-04  
(Data must be collected from the Reserve Pit)  
Chloride content 37,000 ppm Fluid volume 270 bbls  
Dewatering method used VACUUMED & HAULED

Location of fluid disposal if hauled offsite:  
Operator Name: KBH OIL & GAS  
Lease Name: HARMON License No.: 5993  
Quarter \_\_\_\_\_ Sec. 11 Twp. 33 S. R. 20  East  West  
County: Comanche Docket No.: CB 98329

**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: Earl J. Joyce, Jr.  
Title: Vice-President Date: 1/10/2002

Subscribed and sworn to before me this 10th day of January, 2002,  
19\_\_\_\_.

Notary Public: Nancy L. Macyunas  
Nancy L. Macyunas  
Date Commission Expires: 6/24/2002

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: 1-11-02  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: MIDCO Exploration, Inc. Lease Name: Theis Well #: 2-19  
 Sec. 19 Twp. 33 S. R. 25  East  West County: Clark

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

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: Sonic Cement Bond Log Borehole Compensated Sonic Log Microresistivity Log Dual Compensated Porosity Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr><td>Heebner</td><td>4236</td><td>-2110</td></tr> <tr><td>Lansing</td><td>4408</td><td>-2281</td></tr> <tr><td>Swope</td><td>4904</td><td>-2788</td></tr> <tr><td>Altamont</td><td>5054</td><td>-2928</td></tr> <tr><td>Cherokee Shale</td><td>5172</td><td>-3046</td></tr> <tr><td>Chester</td><td>5422</td><td>-3296</td></tr> <tr><td>St. Gen</td><td>5704</td><td>-3578</td></tr> <tr><td>Spergen</td><td>6131</td><td>-4005</td></tr> <tr><td>Warsaw</td><td>6390</td><td>-4264</td></tr> <tr><td>Cowley</td><td>6470</td><td>-4344</td></tr> <tr><td>Viola</td><td>6863</td><td>-4737</td></tr> </tbody> </table>	Name	Top	Datum	Heebner	4236	-2110	Lansing	4408	-2281	Swope	4904	-2788	Altamont	5054	-2928	Cherokee Shale	5172	-3046	Chester	5422	-3296	St. Gen	5704	-3578	Spergen	6131	-4005	Warsaw	6390	-4264	Cowley	6470	-4344	Viola	6863	-4737
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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	# Sacs Used	Type and Percent Additives
Surface	816	8 5/8	24	816	common A ALW	150 275	3% cc; 2% gel 3% cc; 1# flo-see
Production	7069	5 1/2	15.5	7069	ACS	240	KOL SEAL and .3% Fl-10

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		SEE ATTACHED		

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

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. waiting on production line \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		200	2		

Disposition of Gas \_\_\_\_\_ METHOD OF COMPLETION \_\_\_\_\_ Production Interval \_\_\_\_\_

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Sumit ACO-18.)*  Other (Specify) \_\_\_\_\_

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 JAN 11 2002  
 CONSERVATION DIVISION  
 Wichita, Kansas

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone  Cement Squeezes	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
	2530	H ASC	100	50 sacks have 3% CC
	3207	H Neat	50	
	3521	H	175	3% CC
	3700	H ASC	210	25 sacks have 3% CC
	5454	½ H Neat and ½ H	100	H has 3% CaCl <sub>2</sub>
	5530	2/3 H Neat and 1/3 H	75	H has 3% CC
	6008	H	75.00	

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	2525-2531	750 gals. 15% NEFE acid	
3	2580-2581		
4	2990-2996	750 gals. 15% NEFE acid	
4	3519-3523		
3	3750-3751		
4	5434-5441	3,500 gals. 15% NEFE	
4	5450-5454	750 gals. 15% NEFE acid	
2	5528-5530		
2	6003-6008	750 gals. 15% NEFE acid	
	6822 - CIBP		
4	6863-6864		

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CONSERVATION DIVISION  
Wichita, Kansas

MIDCO Exploration, Inc.

Theis #2-19  
API No. 15-025-21232 0000  
Drillstem Tests

DST #1

5112' - 5159' IF Weak blow.

IH 2713, IF 31-62, ISI 1708, FF 70-109, FSI 1746, FH 2679, BHT 122

Build to 3 1/2" in H2O bucket.

Recovered 180' of gas and oil and water cut mud - 6% gas; 4% oil; 40% water; 50% mud  
60' gas in the pipe

FF - Weak blow.

DST #2

5409' - 5450' IF Strong blow.

IH 2803, IF 72-82, ISI 1677, FF 83-93, FSI 1987, FH 2637, BHT 130

Gas to surface in 7 minutes. Gauged 89 Mcf.

Recovered 180' of gas cut mud - 5% gas; 95% mud  
60' gas in the pipe

FF - Strong blow

DST #3

5449' - 5502' IF Strong blow.

IH 2810, IF 37-56, ISI 2008, FF 45-80, FSI 1991, FH 2709, BHT 121

Gas to surface in 15 minutes. Gauged 80 Mcf.

Recovered 145' of gas and water cut mud - 10% gas; 20% water; 70% mud  
5304' gas in the pipe

FF - Strong blow

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Wichita, Kansas

MIDCO Exploration, Inc.

Theis #2-19  
API No. 15-025-21232 0000  
Drillstem Tests

DST #4

6857' - 6891' IF Strong blow.

IH 3505, IF 2016-2544, ISI 2606, FH 3332, BHT 150

Gas to surface in 17 minutes. Had lots of tork

Recovered 868' of watery, muddy, gassy oil - 20% gas; 50% oil; 5% water; 25% mud

868' of watery, muddy, gassy oil - 50% gas; 30% oil; 15% water; 5% mud

3853' water in the pipe

DST #5

5516' - 5558' IF Fair blow.

IH 2891, IF 32-40, ISI 1046, FF 39-59, FSI 1433, FH 2751, BHT 124

Build to b.o.b. in 3 minutes

Recovered 70' of very slightly gas cut mud - 2% gas; 98% mud

3500' gas in the pipe

FF - bled down for 5 minutes. No blow back.

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CONSERVATION DIVISION  
Topeka, Kansas