

34-32-18W

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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COPY

Operator: MIDCO Exploration, Inc.
 Address: 414 Plaza Dr. - Suite 204
 State/Zip: Westmont, IL 60559
 Operator Contact Person: Earl J. Joyce, Jr.
 Phone: (630) 655-2198
 Operator Name: Duke Drilling Co., Inc.
 Well No.: 5929
 Geologist: Allen Downing
 Completion Type: New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 Workover/Re-entry: Old Well Info as follows:
 Operator: NOV 17 2002
 Completion Date: 05-29-01 Original TD: 6/30/01
 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.

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API No. 15 - 033-21218-0000
 County: Comanche County, Kansas
 NE SE NW Sec. 34 Twp. 32 S. R. 18 East West
1551 feet from S N (circle one) Line of Section
2421 feet from E W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Dale Well #: 4
 Field Name: Nescatunga SW
 Producing Formation: Slope Drum
 Elevation: Ground: 2017' Kelly Bushing: 2026'
 Total Depth: 5806' Plug Back Total Depth: 4942'
 Amount of Surface Pipe Set and Cemented at 722 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.

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Drilling Fluid Management Plan ALT 1 gr 02/14/02
 (Data must be collected from the Reserve Pit)
 Chloride content 32,000 ppm Fluid volume 160 bbls
 Dewatering method used Vacuum
 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 on 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 82-3-106 or confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING RECORDS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

I, Earl J. Joyce, Jr.
 Date: 8/04/01
 Subscribed and sworn to before me this 4th day of August, 2001.
 Public: Nancy L. Macyunas
 My Commission Expires: 06/24/2002

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution _____

“OFFICIAL SEAL”
NANCY L. MACYUNAS
Notary Public, State of Illinois
My Commission Exp. 06/24/2002

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Operator Name: **MIDCO Exploration, Inc.** Lease Name: **Dale** Well #: **4**

Sec. **34** Twp. **32** S. R. **18** East West County: **Comanche County, Kansas**

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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	4250	-2227
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Douglas	4313	-2290
List All E. Logs Run:	Gamma Ray	Lansing	4442	-2419
	Neutron Log	Drum	4652	-2629
	Bond Log	Swope	4767	-2744
		Hertha	4836	-2813
		Marmaton	4932	-2909
		Pawnee	5016	-2993
		Mississippi	5122	-3099
		Viola	5626	-3603

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	# Sacs Used	Type and Percent Additives
Conductor		20"	34#	78'			
Surface	12-1/4"	8-5/8"	24#	722'	Common A ALW	316 225	3%cc
Production	7-7/8"	4-1/2"	10.5#	5746'	ASC	250	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4568-5600	Common A	275	3% CaCl ₂

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	4732-34	None	
2	4955-57 (cement retainer at 4942)	Unable to squeeze	
	CIBP @5131		
2	5163-41	1000 gal 15% double FE	
2	5664-69	1000 gal 15% INS	

TUBING RECORD	Size 150 jts 2 3/8"	Set At 4700'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. waiting on pipeline	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		300	10		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval: **4732'-4734' ONLY**

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

ORIGINAL

MIDCO Exploration, Inc.

Dale #4
API No. 15-033-21218 0000
Drillstem Test

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DST #1

5620' - 5632' IF Strong blow. Bottom of bucket in 25 seconds.
Gas to surface in 42 minutes.

IH 2856, FH 2768
Recovered 2243' of salt water; 3379 ft. of gas in pipe

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