

19-335-21W *and*

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5134

Name: Graham-Michaelis Corporation

Address P.O. Box 247

City/State/Zip Wichita, KS 67201

Purchaser: ENRON

Operator Contact Person: Jack L. Yinger

Phone (316) 264-8394

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Joel Alberts

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.

☒ Gas ☐ Inj ☐ Delayed Comp.

☐ Dry ☐ Other (Core, Water Supply, etc.)

If OWD: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

2/20/90 3/2/90 3/20/90

Spud Date Date Reached TD Completion Date

API NO. 15- 025-21.041

County Clark

C SE NE Sec. 19 Twp. 33 S Rge. 21 ☒ East ☐ West

3300 Ft. North from Southeast Corner of Section

660 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

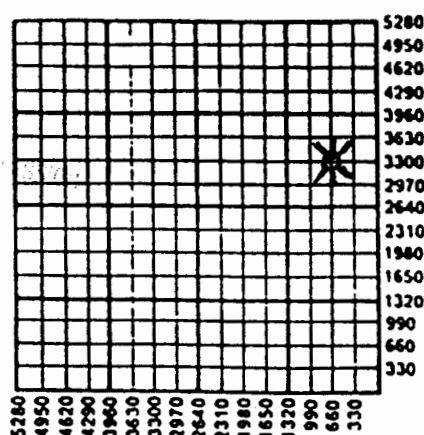
Lease Name McMinimy Well # 2-19

Field Name Sitka

Producing Formation Morrow Sand

Elevation: Ground 1914 KB 1919

Total Depth 5470 PBTD 5425



Amount of Surface Pipe Set and Cemented at 660 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jack L. Yinger Jack L. Yinger

Title Vice President Date 3/29/90

Subscribed and sworn to before me this 29th day of March, 90.

Notary Public Aldine M. Johnson Aldine M. Johnson

Date Commission Expires March 19, 1993

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Drillers Timelog Received

Distribution

☐ KCC ☐ SWD/Rep ☐ NGPA
☐ KGS ☐ Plug ☐ Other
(Specify)

Form ACO-1 (7-89)

COPY

3-19-93

SIDE TWO

Operator Name GRAHAM-MICHAELIS CORPORATIONLease Name McMINIMYWell # 2-19Sec. 19 Twp. 33S Rge. 21☐ East
☒ WestCounty Clark

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run Cased hole ☒ Yes ☐ No
(Submit Copy.) Log only. No open hole log.

DST (MoSd) 5316-60', 20"60"20"60", 16,110 MCF
FI 1760-1781, FF 1781-1781.
ISI 1974, FSI 1974.

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Heebner	4263	(-2344)
Brown Lime	4463	(-2544)
Lansing (Swope)	4904	(-2985)
Morrow Shale	5322	(-3403)
Morrow Sand	5330	(-3411)
Chester	5378	(-3459)
RTD	5470	(-3551)

CASING RECORD

☐ New ☐ 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	12-1/4"	8-5/8" New	24#	660'	BI Lite Class A	225	3% cc, 2% gel
PRODUCTION	7-7/8"	5-1/2"	14.5 & 15.5	5469'		150	3% cc, 2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

2	5332-34', 5338-42'

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

None	

TUBING RECORD

Size
2-3/8"Set At
5365'Packer At
None

Liner Run

☐ Yes ☐ NoDate of First Production
3/20/90Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		2,500 MCF			

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Ventd ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____