

S 15-065-22552-00-00

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 # 6033

Name: Murfin Drilling Company

Address 250 N. Water,
Suite 300

City/State/Zip Wichita, Ks. 67202

Purchaser: _____

Operator Contact Person: Todd Aikins

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Roger Welty

Designate Type of Completion

New Well Re-Entry Workover 1-8-1990

Oil SWD Temp. Abd. JAN 8 1990

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.) Wichita, Kansas

If OMO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

12-26-89 1-1-90 1-2-90

Spud Date Date Reached TD Completion Date

API NO. 15- 065-22,552

County Graham

NW NE SE Sec. 20 Twp. 10S Rge. 24 XX East West

2310' Ft. North from Southeast Corner of Section

990' Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

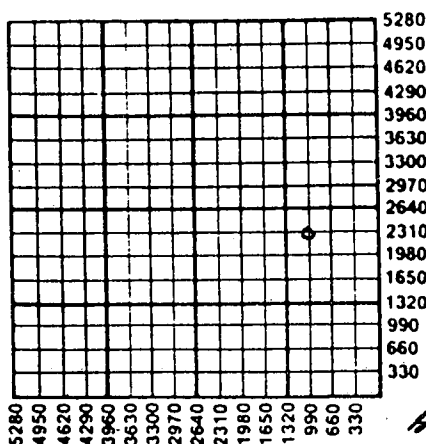
Lease Name VARIOUS Well # 1-20

Field Name High Hill

Producing Formation _____

Elevation: Ground 2395 KB 2400

Total Depth 3900' PBD _____



Alt Dro

Amount of Surface Pipe Set and Cemented at 267 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.

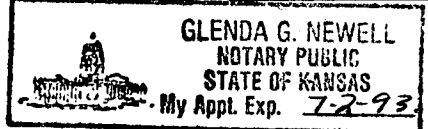
Signature Todd Aikins

Title Geologist Date 1/5/90

Subscribed and sworn to before me this 5th day of January, 19 90.

Notary Public Glenda G. Newell

Date Commission Expires 7-2-93



K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
Wireline Log Received
Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Murfin Drilling Company Lease Name VARIOUS Well # 1-20
 Sec. 20 Twp. 10S Rge. 24 East County Graham
 West

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 No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name	Top	Bottom
ANHYDRITE	2008 (+ 392)	
B/ANHYDRITE	2048 (+ 352)	
TOPEKA	3453 (-1053)	
HEEBNER	3670 (-1270)	
TORONTO	3693 (-1293)	
LANSING	3706 (-1306)	
BKC	3946 (-1546)	

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"	24#	267'	60/40 poz	180sx	2% gel, 3% cc

Shots Per Foot	PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____
 Liner Run Yes No

Date of First Production	Producing Method <input 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

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

Operator: Murfin Drilling Company

- . VARIOUS #1-20
- . High Hill SE Prospect #2505-01A - 01W
- . NW NE SE Sec. 20-10S-24W
- . Graham County, Ks.

DST #1: 3701-3749 (A & B zones)

30-30-30-30

Rec: 50' OCM (15% O)

SIP: 264-142

FP: 40-40/50-50

HP: 1829-1819

DST #2: 3745-3815 (D,E,F & G zones)

30-45-60-90

Rec: 3' FO, 58' OCM (10% O), 120' SOCMW (14% O, 10% W), 60' MW

SIP: 836-776

FP: 40-71/101-132

HP: 1849-1849

DST #3: 3856-3900 (I & J zones)

30-45-30-45

Rec: 5' M

SIP: 50-30

FP: 20-20/20-20

HP: 1930-1918

DST #4: 3894-3950 (K & L zones)

30-45-60-90

Rec: 30' SOSMW, 610' W

SIP: 806-667

FP: 50-172/203-325

HP: 1938-1918

STATE CONSERVATION COMMISSION
1-8-1990
JAN 8 1990

CONSERVATION DIVISION
Wichita, Kansas