

ORIGINAL

SIDE ONE

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

API NO. 15- -077-21,244-00-00
County Harper

C E/2 E/2 Sec. 10 Twp. 31S Rge. 7W XX East West

2640 ✓ Ft. North from Southeast Corner of Section
660 ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Mathes ✓ Well # 18

Field Name Dugoin

Producing Formation Miss.

Elevation: Ground 1549 KB 1554

Total Depth 4325 PBDT _____

Operator: License # 5822
Name: VAL Energy, Inc.
Address Box 322
Haysville, Ks. 67060
City/State/Zip _____

Purchaser: McClaskey

Operator Contact Person: K. Todd Allam

Phone (316) 522-1560

Contractor: Name: VAL Energy, Inc.

Licenses: 5822

Wellsite Geologist: Steve Parker STATE CORPORATION COMMISSION

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OMO: old well info as follows:

Operator: _____

Well Name: _____

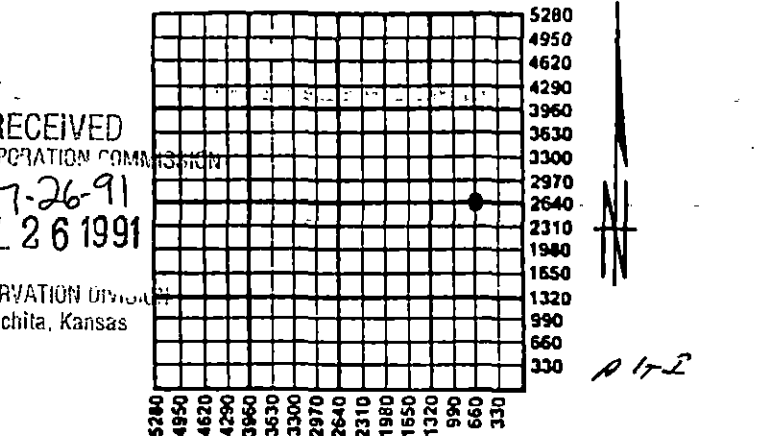
Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6-20-91 6-26-91 7-23-91

Spud Date _____ Date Reached-TD _____ Completion Date _____



Amount of Surface Pipe Set and Cemented at 245/325 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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7-26-91
JUL 26 1991

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.

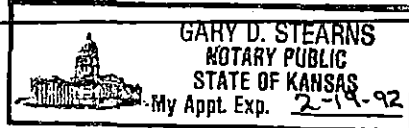
Signature K. Todd Allam

Title President Date 7-24-91

Subscribed and sworn to before me this 24 day of July, 19 91.

Notary Public Gary D. Stearns

Date Commission Expires _____



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)

SIDE TWO

Operator Name VAL Energy, Inc. Lease Name Mathes Well # 1B
 County Harper
 East
 Sec. 10 Twp. 31S Rge. 7W 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input type="checkbox"/> Log <input checked="" type="checkbox"/> Sample Name Top Bottom See Log <i>attached</i>
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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	10 3/4	8 5/8	28/ft	245	60/40	175	2%
Production	7 7/8	5 1/2	15.5	4320	60/40	100	2%

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
OH	4320 to 4325	500 gal 15% Mud Acid 1000 gal 15% NE FE Acid 20mlb Frag 475 bbl gal water	

TUBING RECORD
 4315 Size 2 7/8 Set At 4315 Packer At Liner Run Yes No

Date of First Production 4-25-91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil 25 Bbls.	Gas 10 Mcf	Water 75 Bbls.	Gas-Oil Ratio	Gravity 36
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify)

STEVE D PARKER

BITTING BUILDING
107 N. MARKET
SUITE 300-4
WICHITA, KANSAS 67202

OFFICE (316)263-5172
RESIDENCE (16)688-0818

GEOLOGIC
REPORT
LOG

COMPANY **VAL ENERGY, INC.**

ARR 15-077-21244

WELL **MATHES "B" No. 1**

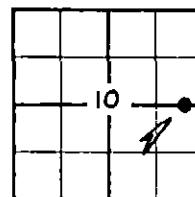
FIELD **DUQUOIN**

LOCATION **150 FT. E. OF C-E/2 E/2**

SEC. **10** TWP. **31^S** RGE. **7^W**

COUNTY **HARPER**

STATE **KANSAS**



PRODUCTION **MISSISSIPPI CHERT**

ELEVATION KB **1554**

DF **1552**

GL **1549**

Drilling Measured From: **1554 KB**

Samples Saved From **3400** To **RTD**

Drilling Time From **3200** To: **RTD**

Samples Examined From: **4000** To: **RTD**

Geological Supervision From **4000** To Total Depth

Wellsite Geologist **STEVE D. PARKER**

Electrical Surveys **NONE**

OPERATOR **VAL ENERGY, INC.**

CONTRACTOR **VAL ENERGY, INC. RIG #1**

COMM: **6/20/91** COMP: **6/26/91**

CASING RECORD

SURF: **8 5/8 IN @ 245 FT.** PROD: **5 1/2 IN @ 4320**

TOTAL DEPTH DRILLERS: **4322 FT.**

TOTAL DEPTH LOG

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
HEEBNER	3252 (-1698)			+3
STALNAKER SAND	3531 (-1977)			+4
B/STALNAKER SAND	3656 (-2102)			+5
KANSAS CITY	3791 (-2237)			+1
BASE KANSAS CITY	4034 (-2480)			-1
CHEROKEE SHALE	4188 (-2634)			-2
REWORKED MISSISSIPPI	4316 (-2762)			
MISSISSIPPI CHERT	4319 (-2765)			+5

RECEIVED
STATE CORPORATION COMMISSION

JUL 26 1991

CONSERVATION DIVISION
Wichita Kansas

REFERENCE WELL FOR STRUCTURE **COLORADO OIL COMPANY'S No. 1**
MATHES C. SE NE Sec. 10-31^S-7^W