

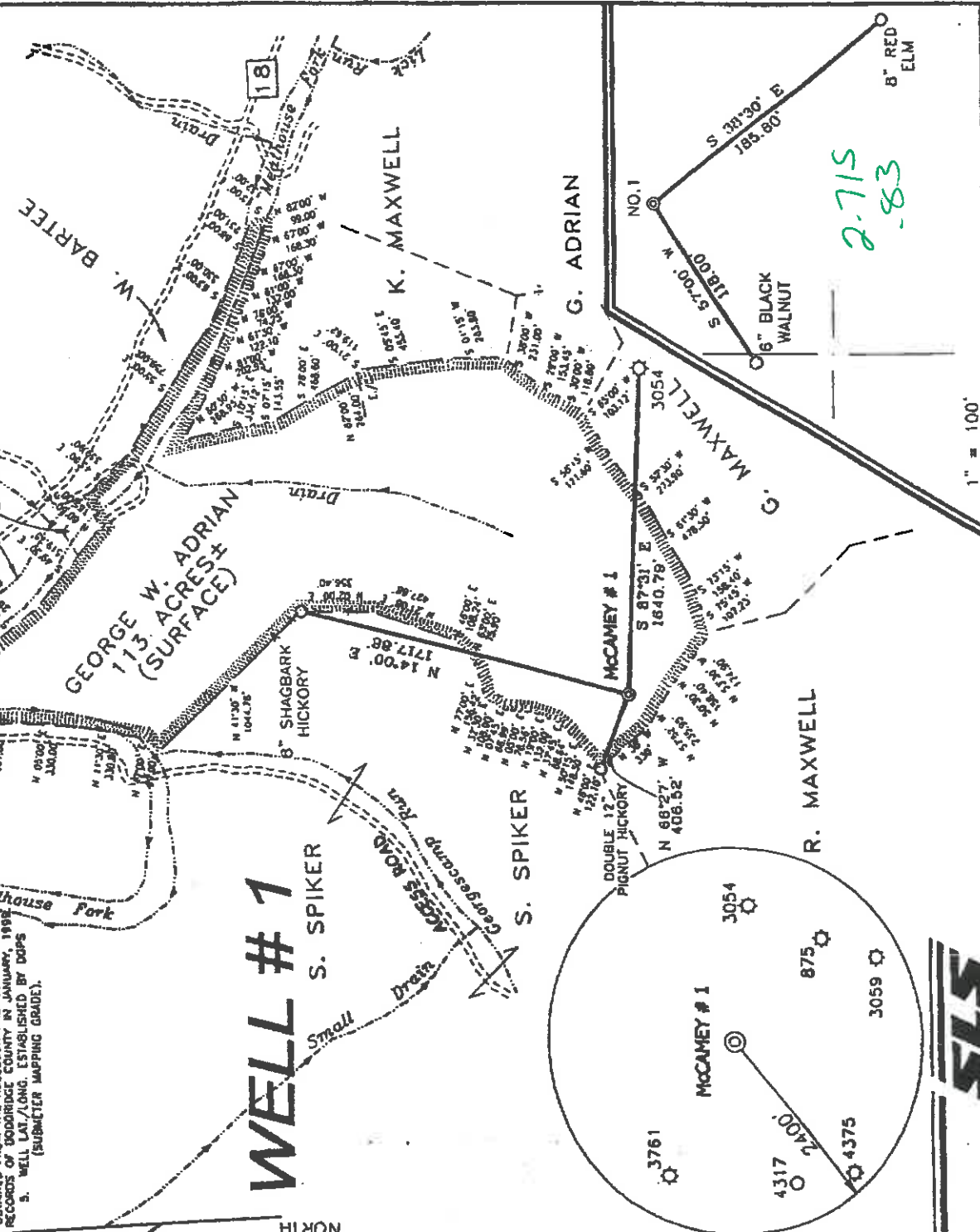
MCCAMEY LEASE 113 OF 500 ACRES±

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD 27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 2/17/99.
3. LEASE BOUNDARY SHOWN HEREOF TAKEN FROM A TITLE REPORT DATED 3/13/96 AS PREPARED BY RICHARD M. REDDECUFF, ATTORNEY AT LAW.
4. SURFACE OWNERS AND ADDRESS INFORMATION OBTAINED FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIE COUNTY IN JANUARY, 1999.
5. WELL LAT./LONG. ESTABLISHED BY DOPS (SUBMITTER MAPPING GRADE).

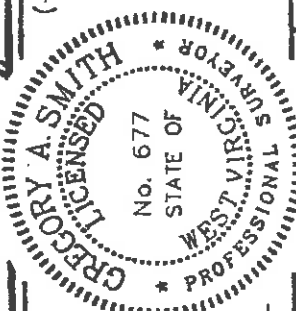
LONG. 80°43'25.7" 4.380' LATITUDE 39°17'30"

LONGITUDE 80°42'30" 14.330' LAT. 39°15'08.3"



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

P.S. *Gregory A. Smith*
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE FEBRUARY 19, 19 99
OPERATORS WELL NO. MCCAMEY # 1
API WELL NO. 47-017-04502
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

MINIMUM DEGREE OF ACCURACY 1 200 FILE NO. 4153P1 (69-70)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1263'
SCALE 1" = 800'

WELL TYPE : OIL GAS LIQUID WASTE INJECTION DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1192' WATERSHED MEATHOUSE FORK
DISTRICT NEW MILTON COUNTY DODDRIE
SURFACE OWNER GEORGE W. ADRIAN ET AL
ROYALTY OWNER LEWIS MAXWELL HEIRS et al
PROPOSED WORK :
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION ALEXANDER
ESTIMATED DEPTH 5600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN *AV* 1999
ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

Dodd 4502
COUNTY NAME PERMIT

6-6-99

WR-35

Office of Oil & Gas
Permitting

NOV 01 1999

Division of

22 - Apr - 99
API # 47 - 017-4502

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed S/TA

Well Operator's Report of Well Work

Farm name: ADRIAN, GEORGE

Operator Well No. : MCCAMEY #1

LOCATION: Elevation: 1,192.00

Quadrangle: OXFORD

District: NEW MILTON
Latitude: 14330 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 4380 Feet West of 80 Deg. 42 Min. 30 Sec.

County: DODDRIDGE

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 04/26/99
Well Work Commenced: 07/05/99
Well Work Completed: 07/07/99

Verbal Plugging
Permission granted on: _____ Rig
Rotary X Cable _____
Total Depth (feet) _____ 2877'
Fresh water depths (ft) _____ 73'
Salt water depths (ft) _____ None

Is coal being mined in area (Y / N)? N
Coal Depths (ft): NONE

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
8 5/8"	1218'	1218'	285 sks To Surface
4 1/2"	2722'	2722'	325 sks
2 3/8"		2550'	

OPEN FLOW DATA

Producing formation Injun Berea Gordon
 Gas: Initial open flow _____ MCF / d Show _____ MCF / d Pay zone depth (ft) 1942' - 1970'
 Final open flow 1,205 MCF / d Oil: Initial open flow 0 Bbl / d 2354' - 2400'
 Oil: Final open flow 3 Bbl / d 2557' - 2617'
 Time of open flow between initial and final tests _____ N/A _____ Hours
 Static rock pressure 600 psig (surface pressure) after 96 Hours

Second producing formation Cammingled
 Gas: Initial open flow _____ MCF / d Pay zone depth (ft) _____ Bbl / d
 Final open flow _____ MCF / d Oil: Initial open flow _____ Bbl / d
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORMED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: KEY OIL COMPANY
By: [Signature]
Date: September 20, 1999

PRESIDENT

Dodd 4502

NOV 6 1999

