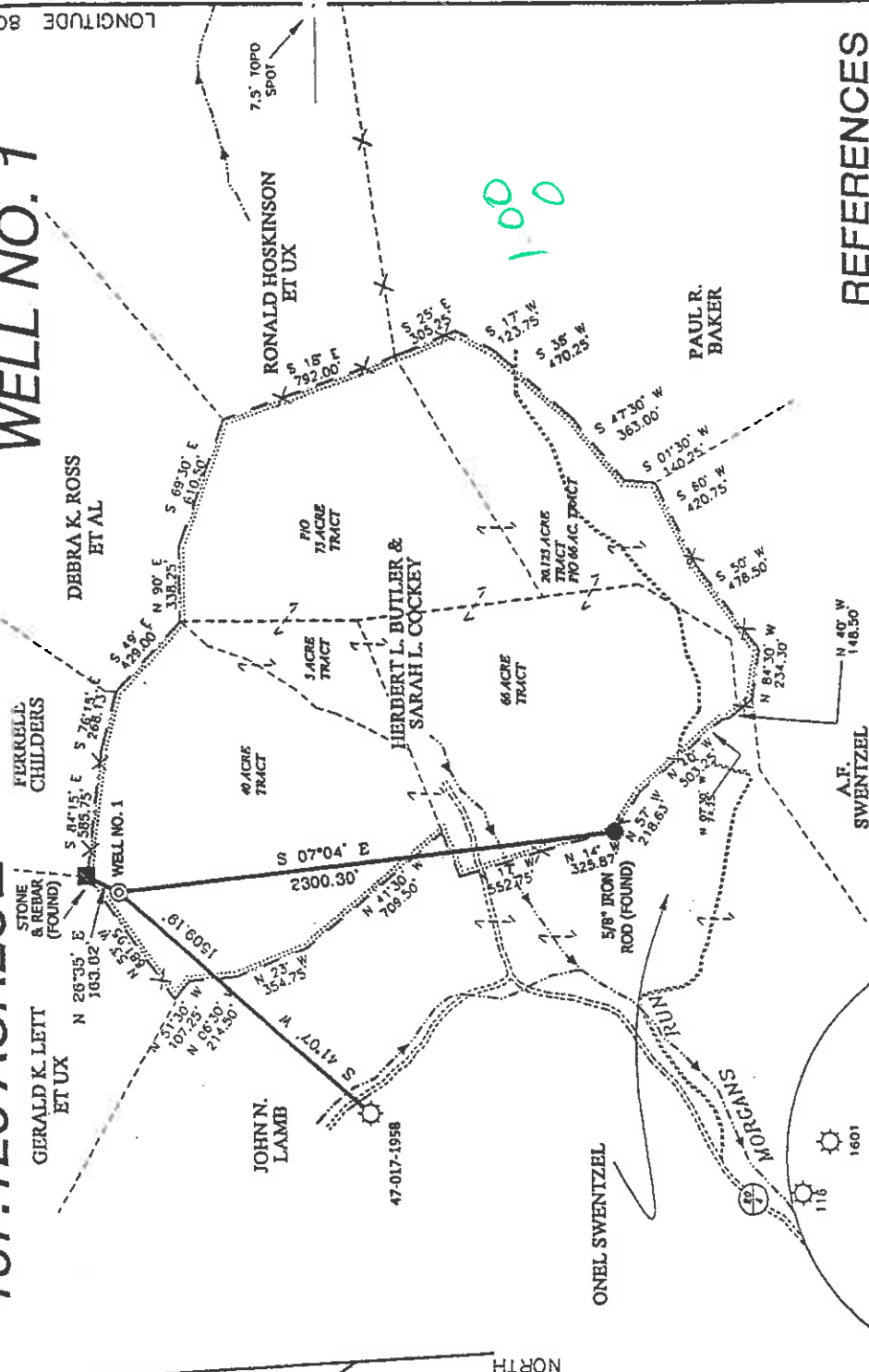


LONG. 80°40'00.0"
LATITUDE 39°20'00"

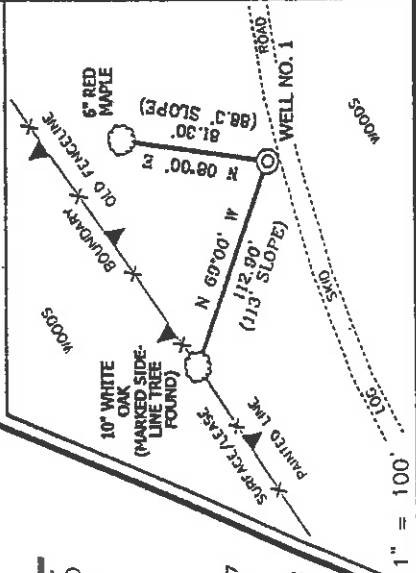
J.M. MARTIN LEASE 137.125 ACRES ±

WELL NO. 1

LONGITUDE 80°40'00"
LAT. 39°19'07.4" 5.300

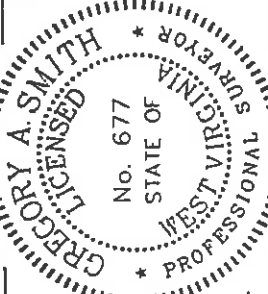


REFERENCES



NOTES ON SURVEY

1. TIES TO CORNERS & WELLS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 05/07/01.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DODDRIDGE COUNTY DEED BOOK 203/343, 20/446, 20/211, 25/207 & 21/343.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN SEPTEMBER, 2000
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT 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*
677

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4511P1 (107-8)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1454'
SCALE 1" = 800'

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

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

LOCATION : ELEVATION 1371' WATERSHED MORGANS RUN
DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER HERBERT L. BUTLER AND SARAH L. COCKEY
ROYALTY OWNER MIKE ROSS

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 DEVONIAN SHALE ESTIMATED DEPTH 5500'

QUADRANGLE SMITHBURG 7.5'
ACREAGE 137.125±
LEASE ACREAGE 137.125±
LEASE NO. _____

WELL OPERATOR MIKE ROSS, INC. DESIGNATED AGENT MIKE ROSS
ADDRESS BOX 219 COALTON, WV 26257 ADDRESS BOX 219 COALTON, WV 26257

6-6-99

DATE MAY 8 20.01
OPERATORS WELL NO. J.M. MARTIN NO. 1
API WELL NO. 47-017
STATE COUNTY PERMIT 47-017-04600

0000 4600
COUNTY NAME PERMIT

DESIGNATED AGENT MIKE ROSS
ADDRESS BOX 219 COALTON, WV 26257

DATE MAY 8 2001

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

Revised

Well Operator's Report of Well Work

Farm name: J. M. Martin #1 Operator Well No.: #1

LOCATION: Elevation: 1371 Quadrangle: Smithburg 7.5

District: Grant County: Doddridge
Latitude: 39 Feet South of 20 Deg. 00 Min. Sec.
Longitude: 80 Feet West of 40 Deg. 00 Min. Sec.

Company: Mike Ross, Inc.

Address:	<u>PO Box 219</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Agent:	<u>Coalton, WV 26257</u>	<u>8 5/8"</u>	<u>1372'</u>	<u>1372'</u>	<u>250 sks</u>
Inspector:	<u>Mike Underwood</u>	<u>4 1/2"</u>		<u>5689'</u>	<u>700 sks</u>
Date Permit Issued:	<u>May 11, 2001</u>				
Date Well Work Commenced:	<u>5/14/01</u>				
Date Well Work Completed:	<u>5/21/01</u>				
Verbal Plugging:					
Date Permission granted on:					
Rotary x Cable	<u>Rig</u>				
Total Depth (feet):	<u>6012</u>				
Fresh Water Depth (ft.):	<u>1/2" @ 50'</u>				
1/2" Stream @	<u>1680</u>				
Salt Water Depth (ft.):	<u>1680</u>				
Is coal being mined in area (N/Y)?	<u>N</u>				
Coal Depths (ft.):					

RECEIVED
Office of Oil & Gas
Permitting

JUL 19 2001

WV Department of
Environmental Protection

OPEN FLOW DATA

Big Injun, Fifth Sand, Benson, Alexander
Producing formation 2nd Alexander Pay zone depth (ft) 2205-5620
Gas: Initial open flow 30 MCF/d Oil: Initial open flow Bbl/d
Final open flow 330 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 1600 psig (surface pressure) after 72 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final 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 PERFORATED 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.

Signed: Mike Ross
By: Chairman of the Board
Date: May 25, 2001

JUL 20 2001

Dodo 4600

Fractured - June 14, 2001

1st Stage - Perfs @ 5429-5600, 12 Holes, 1000 Gal Acid, 240 BBLs Water
140 Sks 80/100 Sand, 302 Sks 20/40 Sand, 445,000 SCF N²

2nd Stage - Perfs @ 5429-5600, 12 Holes, 1000 Gal Acid, 301 BBLs Water
140 Sks 80/100 Sand, 307 Sks 20/40 Sand, 381 SCF N²

Fill	0	5	
Red Rock	5	17	
Sand and Shale	17	199	
Red Rock	199	214	
Sandy and Shale	214	2152	
Little Lime	2152	2090	
Big Lime	2090	2205	Show of gas
Big Injun	2205	2350	
Sandy Shale	2350	2900	
Fifch Sand	2900	2935	Show of gas
Sandy Shale	2935	5020	
Benson Sand	5020	5035	Show of gas
Sandy Shale	5035	5440	
Alexander	5440	5450	Show of gas
Sandy Shale	5450	5600	
2nd Alexander	5600	5620	Show of gas
Sandy Shale	5620	5990	TD