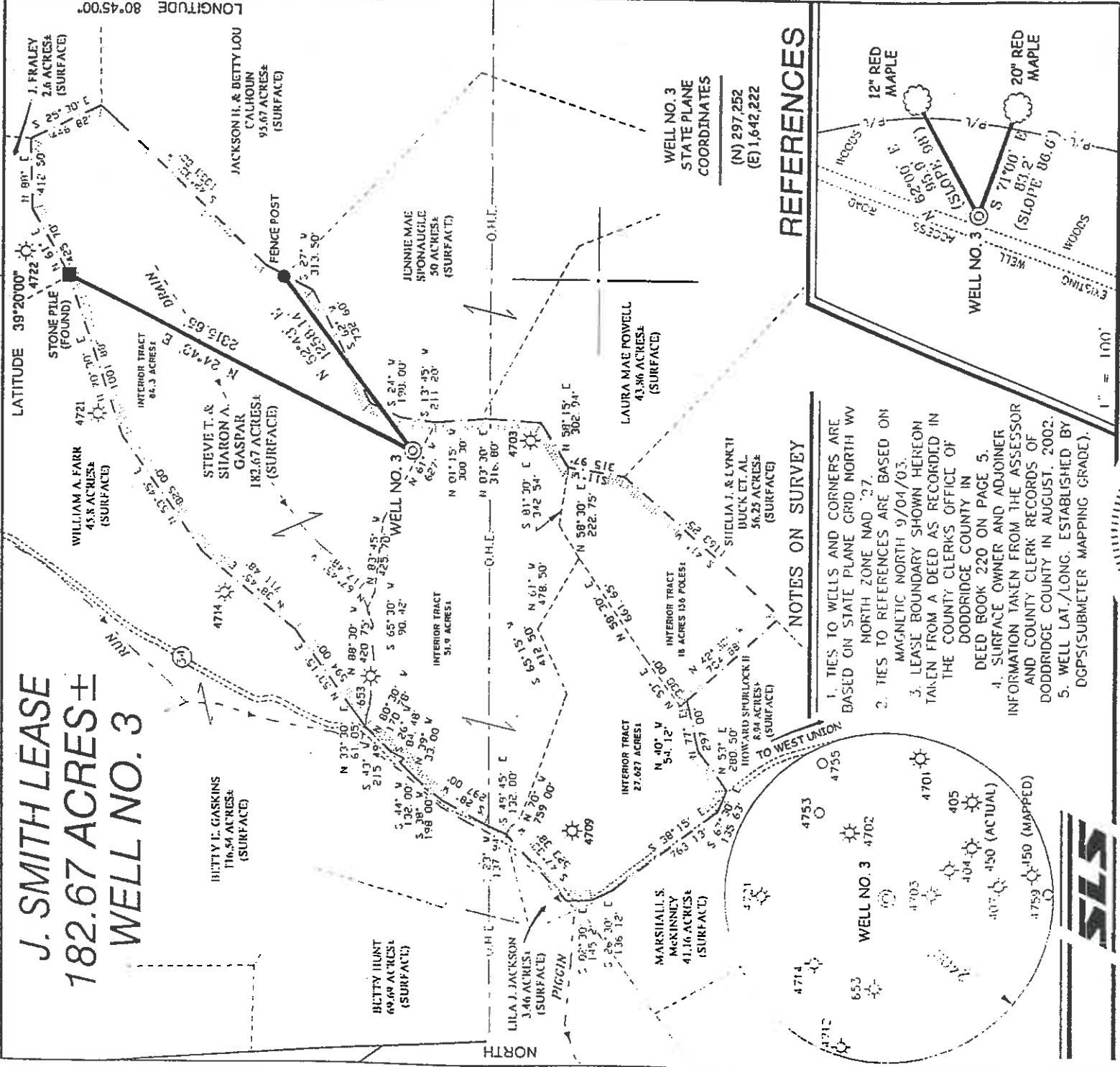


FROM W.V.C. LONG. 80°45'52.0" LATITUDE 39°20'00" LONGITUDE 80°45'00"

# J. SMITH LEASE 182.67 ACRES ± WELL NO. 3

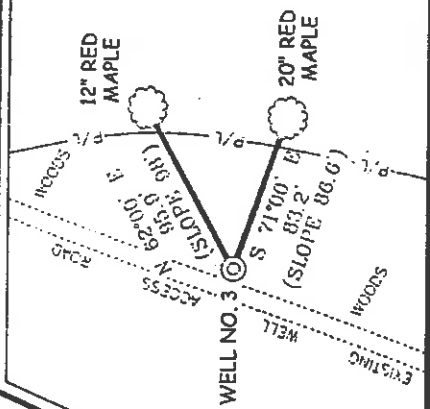


### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD 27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 9/04/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED AS RECORDED IN THE COUNTY CLERK'S OFFICE OF DODDRIDGE COUNTY IN DEED BOOK 220 ON PAGE 5.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN AUGUST, 2002.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

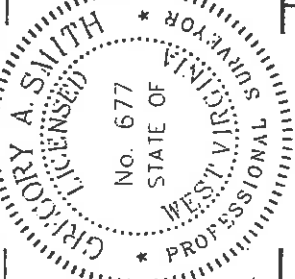
### REFERENCES

(N) 297,252  
(E) 1,642,222



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 BY THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

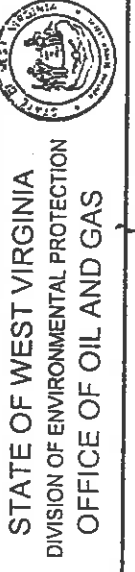
P.S.  
677  
*Gregory A. Smith*



(\*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE SEPTEMBER, 04 20 03  
 OPERATORS WELL NO. J. SMITH NO. 3  
 API  
 WELL NO. 47 STATE 017 COUNTY 04767 PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5098AP3 (147-42)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'



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

LOCATION: ELEVATION 1,155' WATERSHED TRIBUTARY OF PIGGIN RUN  
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5  
 SURFACE OWNER STEVE AND SHARON GASPAR ACREAGE 84.3 OF 182.67±  
 ROYALTY OWNER STEVE AND SHARON GASPAR ET AL LEASE ACREAGE 182.67±  
 PROPOSED WORK: LEASE NO. \_\_\_\_\_  
 DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  CLEAN OUT AND REPLUG  PLUG OFF OLD  
 FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  TARGET FORMATION INJUN ESTIMATED DEPTH 2,100'  
 PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

COUNTY NAME DODD PERMIT 4767  
 WELL OPERATOR HUGH SPENCER DBA SPENCER ENTERPRISES DESIGNATED AGENT RON SPENCER  
 ADDRESS P.O. BOX 143 SMITHBURG, WV 26136  
 ADDRESS P.O. BOX 143 SMITHBURG, WV 26136

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Gaspar

Operator Well No.: J. Smith #3

LOCATION: Elevation: 1155'

Quadrangle: West Union 7.5'

District: West Union  
Latitude: 4,100 Feet South of  
Longitude 8,750 Feet West of

County: Doddridge  
39 Deg. 20 Min. 00 Sec.  
80 Deg. 45 Min. 00 Sec.

Company: Spencer Enterprises Inc.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 143 Smithburg, WV 26436	6 5/8	1232	1232	250 sks
Agent: Ron Spencer	4 1/2	2950	2914	195 sks
Inspector: Mike Underwood				
Date Permit Issued: 10/02/2003				
Date Well Work Commenced: 07/31/04				
Date Well Work Completed: 08/06/04				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2950'				
Fresh Water Depth (ft.): 145'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

**RECEIVED**  
Office of Oil & Gas  
OCT 13 2010  
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation Gordon  
Gas: Initial open show MCF/d Oil: Initial open flow Bbl/d  
Final open flow 500 MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 275# psig (surface pressure) after 48 Hours

Second producing formation  
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

\* - commingled zones

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.

Signed:

*Ronald B. Spruce*

By:

Date: 10/18/10

J. Smith #3  
47-017-04767

Stage #1	perfs	sand	avg. rate	isip
Gordon	2805-2820	250 sks	12 bpm	2226#
Stage #2 Big Injun	2170-2197	250 sks	12 bpm	2250#
Stage #3 Big Injun	2120-2126	250 sks	12 bpm	2250#

Drillers Log

Soil	0	10	
Sd/Sh	10	195	
Sd	195	245	
Sd/Sh	245	775	1/2 stream @ 145'
Sh	775	990	
Sd/Sh	990	1230	
Sd	1230	1325	
Sh	1325	2023	
BL	2023	2082	
BL	2082	2215	
BI	2082	2215	
Sd/Sh	2215	2610	
Sd	2610	2620	
Sd/Sh	2620	2756	
Sd	2756	2820	
Sd/Sh	2820	2950	
TD	2950		

Electric Log Tops

Big Lime	2023
Big Injun	2082
Gordon	2756

01/14/2011