

LONG. 80°41'10.3" LATITUDE 39°17'30"

5560' 80°40'00" LONGITUDE

3960' LAT. 39°16'31.2"

TO SHERWOOD

OLD RAILROAD GRADE NOW RAILS-TO-TRAILS

U.S. ROUTE 50

BUCKEYE CREEK

TO MORGANVILLE

POWELL

DENNIS H. & MELLIE POWELL 31.75 AC± (SURFACE)

GEORGE R. GORE 40.5 AC± (SURFACE)

GRANT DISTRICT

NEW MILTON DISTRICT

ROBERT C. & ARLINE BLAND 200 AC± (SURFACE)

DENNIS H. & MELLIE POWELL 260 AC± (SURFACE)

DENNIS H. & MELLIE POWELL 178.59 AC± (SURFACE)

FLODAK #3

STONE

CLINT & VICKIE NESLER 136.8 AC± (SURFACE)

EDGAR NESLER 67 AC± (SURFACE)

16" SHAGBARK HICKORY

20" SHAGBARK HICKORY

PASTURE FIELD

1" = 100'

# FLODAK LEASE

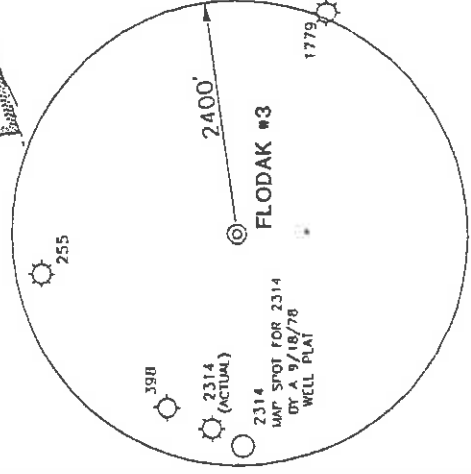
## 260.8 ACRES±

### WELL NO. 3

1.015

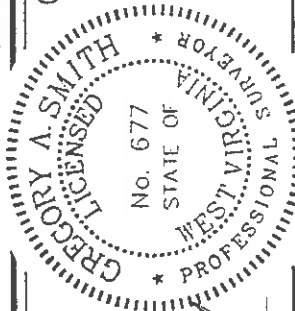
### REFERENCES

- NOTES ON SURVEY**
1. TIES TO CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. MAGNETIC NORTH 12/27/00.
  2. TIES TO REFERENCES ARE BASED ON 3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 200 ON PAGE 532.
  4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JANUARY, 2000.
  5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



I THE UNDERSIGNED, I 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.

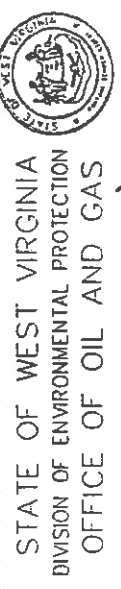
DATE DECEMBER 28, 2000

OPERATORS WELL NO. FLODAK #3

API WELL NO. 47-017-04579 STATE WV COUNTY SMITH PERMIT 4579

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4331P3 (96-52)

PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 812' SCALE 1" = 800'



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

LOCATION : ELEVATION 920' WATERSHED TRIBUTARY OF BUCKEYE CREEK

DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER DENNIS H. & MELLIE POWELL ACREAGE 260.8

ROYALTY OWNER DENNIS H. & MELLIE POWELL LEASE ACREAGE 260.8 LEASE NO. \_\_\_\_\_

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 GORDON

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH 2700'

WELL OPERATOR FLO-DAK INC. DESIGNATED AGENT ADOLF KRONEMER

ADDRESS 302 STUART ST. WEST UNION, WV 26456 ADDRESS 302 STUART ST. WEST UNION, WV 26456

(Smithton-Flint-Sedalia-99) 6-6

WR-35  
Rev (5-01)

DATE: 07-12-01  
API #: 47-017-04579

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

Well Operator's Report of Well Work

Farm name: Dennis H. & Mellie Powell

Operator Well No.: Flo-Dak #3

LOCATION: Elevation: 920'

Quadrangle: Smithburg 7.5'

District: Grant  
Latitude: 5,080' Feet South of  
Longitude 5,560' Feet West of

County: Doddridge  
39 Deg. 17 Min. 30 Sec.  
80 Deg. 40 Min. 00 Sec.

Company:  
Flow-Dak Inc.

Address:	Coating & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
302 Stuart St. West Union WV 26456				
Agent: Adolf Kronemer				
Inspector: Mike Underwood				
Date Permit Issued: 04/20/2001				
Date Well Work Commenced: 04/25/01	6 5/8	630	630	105 sks
Date Well Work Completed: 05/01/01	4 1/2	2500	2453	95 sks
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 2500				
Fresh Water Depth (ft.): N/A				
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  
JAN 10 2010  
WV Department of  
Environmental Protection.

OPEN FLOW DATA

Producing formation 5<sup>th</sup> Sand Pay zone depth (ft) 2368-2378 ft.  
Gas: Initial open show MCF/d Oil: Initial open flow Bbl/d  
Final open flow 200 MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 350# psig (surface pressure) after 48 Hours

Second producing formation Injun Sand Pay zone depth (ft) 1720-1738 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

\* in 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:

By: \_\_\_\_\_  
Date: \_\_\_\_\_

01/15/2010

Flo-Dak #3  
47-017-04579

Stage #1	perfs	sand	avg rate	slp
5th Sand	2370-2376 10 holes	350 sks	28 bpm	1147#
Injun	1725-1738 12 holes	350 sks	28 bpm	1450#

Drillers Log

Sh 0  
Sd/Sh 20  
Sd 435  
Sd/Sh 650  
Sd 1050  
Sd/Sh 1270  
B. Lime 1624  
B. Injun 1690  
Sd/Sh 1800  
5th Sand 2368  
Sd/Sh 2378  
T.D. 2500

Electric Log Tops

Big Lime 1624 ft.  
5th Sand 2368 ft.

20 435  
650 1050  
1270 1624  
1690 1800  
2368 2378  
2500 Gas @ T.D. = odor