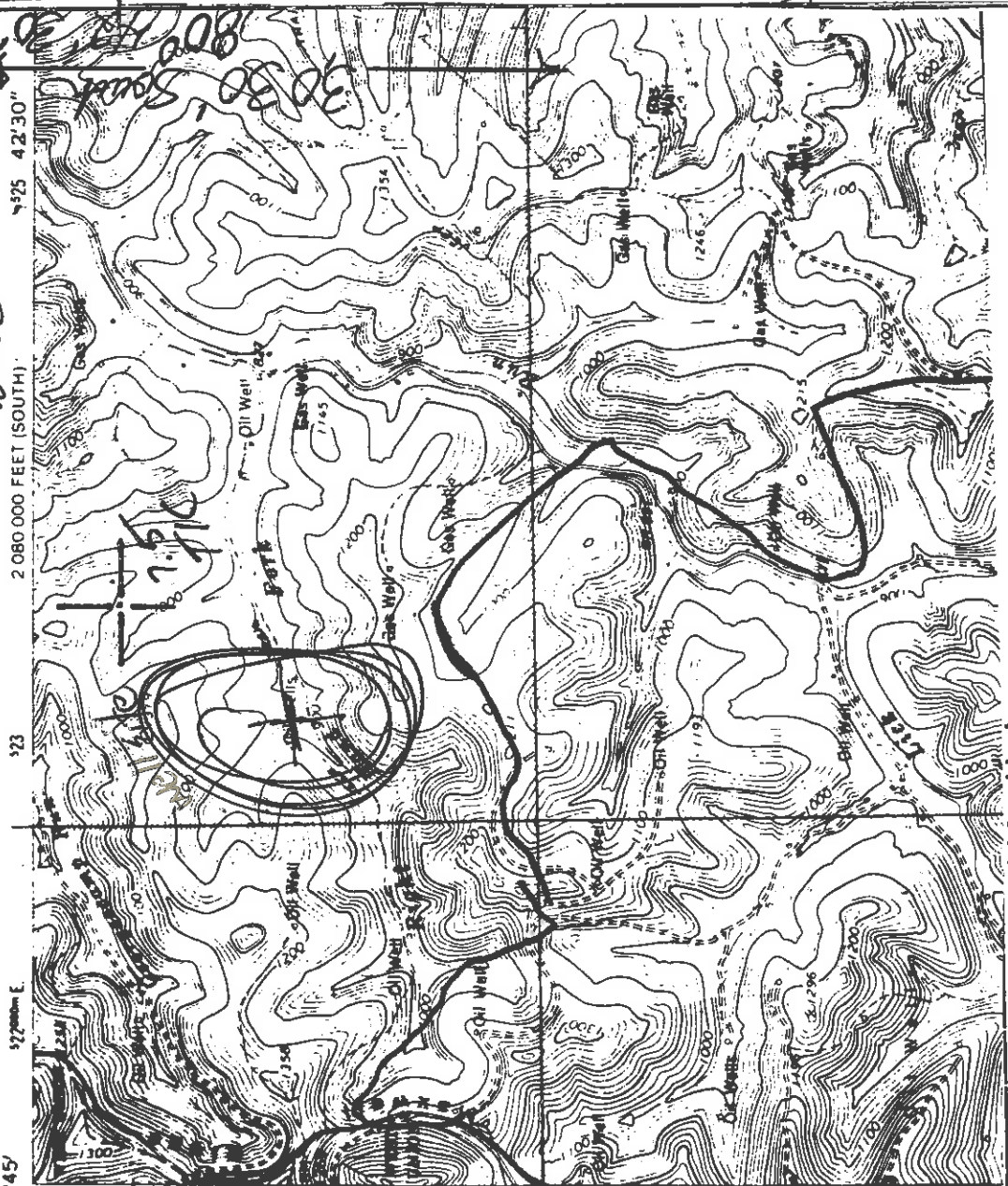


LATITUDE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

39° 15' 00" *west*  
6720'



2 080 000 FEET (SOUTH)

123

80° 45'

810 000 FEET (SOUTH)

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief:

0.57±  
1.86±

RECEIVED

OFFICE OF OIL AND GAS

SIGNED *Clarence W. Mutschels*  
TITLE *of Carbon*

AUG 15 1995

*Not to Old Log Distances here  
to open from State Well Spot Map.  
& they are accurate*

DATE *8/8/95*

OPERATORS WELL NO. *017-1017-N*

API WELL NO. *Sunshine #2*

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION

*9 no ownership  
db 11/1/97  
was old 73047  
45AB (comp?)*

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(i.e. "GAS" PRODUCTION STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION \_\_\_\_\_ WATER SHED *Middle Island*  
DISTRICT *New Market* COUNTY *Road*  
QUADRANGLE *New Market* ?

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_

OIL & GAS ROYALTY OWNER *Maxwell Heirs* LEASE ACREAGE *200*  
LEASE NO. *Maxwell*

PRODUCING FORMATION *Faj* TOTAL DEPTH *2100*

WELL OPERATOR *Clarence W Mutschels* DESIGNATED AGENT \_\_\_\_\_

ADDRESS *P.O. Box 351* ADDRESS \_\_\_\_\_  
*Salem W Va 26426*

21061

6-6 134

WR-35

31-Jan-97  
API # 47-  
09217N

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

Well Operator's Report of Well Work

Farm name: ADRIAN, GEORGE

Sunshine #2  
Operator Well No.: #4

LOCATION: Elevation: 1,187.00 Quadrangle: NEW MILTON

District: NEW MILTON County: DODDRIDGE  
Latitude: 5320 Feet South of 39 Deg. 15Min. 0 Sec.  
Longitude 8750 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: MUTSHELKNAUS, CLARENCE W  
170 E. MAIN ST. P.O. BOX 351  
SALEM, WV 26426-0351

Agent: Clarence Mutchelknaus

Inspector: MIKE UNDERWOOD

Permit Issued: 01/31/97

Well work Commenced: NA.

Well work Completed: NA.

Verbal Plugging

Permission granted on:

Notary Cable X Rig

Total Depth (feet) NA.

Fresh water depths (ft) NA.

Salt water depths (ft)

Is coal being mined in area (Y/N)?

Coal Depths (ft): N

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
10 9/8	1200	1200	EST. N.A.
7"	1850	1850	EST. N.A.
2"	-	2300	EST

OPEN FLOW DATA

Producing formation

Gas: Initial open flow MCF/d Oil: MCF/d

Final open flow NA MCF/d

Time of open flow between initial and final tests

Static rock Pressure 35 psig (surface pressure) after 48 Hours

Second producing formation Gordon

Gas: Initial open flow MCF/d Oil: MCF/d

Final open flow NA MCF/d

Time of open flow between initial and final tests

Static rock Pressure 35 psig (surface pressure) after 48 Hours

Pay zone depth (ft) 1925  
 Initial open flow Bbl/d  
 Final open flow Bbl/d  
 Time of open flow between initial and final tests Hours  
 Pay zone depth (ft) 2275  
 Initial open flow Bbl/d  
 Final open flow Bbl/d  
 Time of open flow between initial and final tests Hours  
 Pay zone depth (ft) 48  
 Initial open flow Bbl/d  
 Final open flow Bbl/d  
 Time of open flow between initial and final tests 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.

Clarence W Mutchelknaus  
For: MUTSHELKNAUS, CLARENCE W.

By: [Signature]  
Date: 8/12/98

Dodd 4217N



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

WELL REGISTER ASSIGNMENT

This API Number 47- 17-04217, issued to MUTSCHELKNAUS, CLARENCE W. is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD -  
304-759-0579.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit  
Chief

BY: 

Title: \_\_\_\_\_

Operator's Well No: SUNSHINE #2

Farm Name: MAXWELL, HEIRS

API Well Number : 47- 17-04217 N

Date Issued : 09/12/95

