

SURVEYED LONG.
80° 41' 46.5"

LATITUDE 39° 20' 00"

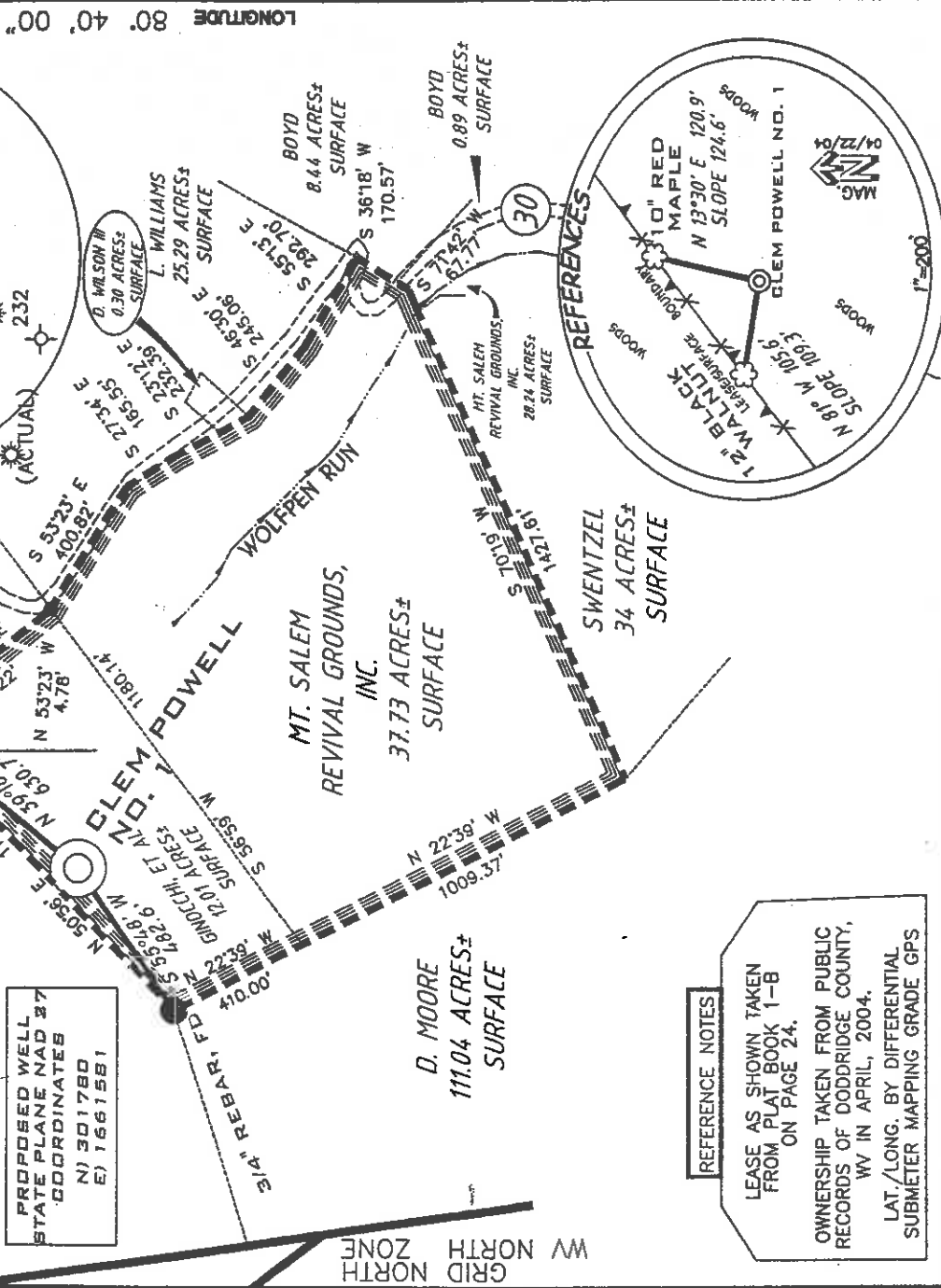
8360'

CLEM POWELL LEASE 51 AC.± WELL NO. 1

3990'

SWENTZEL
44.2 ACRES±
SURFACE

PROPOSED WELL
STATE PLANE NAD 87
COORDINATES
N) 301780
E) 1661581



LONGITUDE 80° 40' 00"

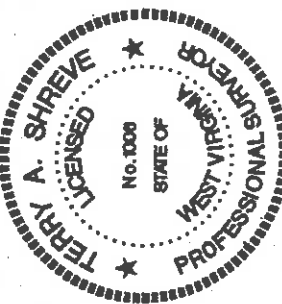
SURVEYED LAT. 39° 19' 20.6"

REFERENCE NOTES

LEASE AS SHOWN TAKEN FROM PLAT BOOK 1-B ON PAGE 24.
OWNERSHIP TAKEN FROM PUBLIC RECORDS OF DODDRIDGE COUNTY, WV IN APRIL, 2004.
LAT./LONG. BY DIFFERENTIAL SUBMETER MAPPING GRADE GPS

(*) DENOTES LOCATION ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER 040066
 DRAWING NUMBER WPI(W2-13)
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT. OF ROADS ELEVATION 904'



P.S. 1008
 TERRY A. SHREVE
 LAND SURVEYING, LLC
 GRANTSVILLE, WV 26147
 (304) 254-0065



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

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION ELEVATION 1329' WATERSHED WOLFPEN RUN
 DISTRICT GRANT COUNTY DODDRIDGE

QUADRANGLE SMITHBURG 7.5 LEASE NUMBER _____
 SURFACE OWNER SHARON GINOCCHI ET AL ACREAGE 12.01±
 OIL & GAS ROYALTY OWNER SHARON GINOCCHI ET AL LEASE ACREAGE 5.1±
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____
 TARGET FORMATION GORDON PLUG & ABANDON ___ CLEAN OUT & REFLUG ___
 ESTIMATED DEPTH 3000'
 WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN
 ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

DATE: MAY 1, 2004

OPERATORS WELL NO. CLEM POWELL NO. 1

API WELL NO. 47-017

STATE COUNTY PERMIT 04838

COUNTY NAME

PERMIT

Dood 4838

6-6 (99)

MAY 11 2004

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

Well Operator's Report of Well Work

Farm Name: SHARON GINOCCHI, ET. AL.

Operator Well No. : POWELL #1

LOCATION: Elevation: 1329'

Quadrangle: SMITHBURG

District: GRANT

County: DODDRIDGE

Latitude: 3990 Feet South of 39 Deg. 20 Min. 00 Sec.

Longitude: 8360 Feet West of 80 Deg. 40 Min. 00 Sec.

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

Agent: JAN CHAPMAN


Inspector: MIKE UNDERWOOD
Permit Issued: 06/09/04
Well Work Commenced: 12/05/04
Well Work Completed: 12/09/04
Verbal Plugging
Permission granted on: _____
Rotary X Cable Rig
Total Depth (feet) 3117'
Fresh water depths (ft) 245'
Salt water depths (ft) 1759'Is coal being mined in area (Y / N)? N
Coal Depths (ft) : NONE

OPEN FLOW DATA

Producing formation Big Injun
Gordon
Gas: Initial open flow _____ MCF / d Odor _____ Pay zone depth (ft) 2264' - 2352'
Final open flow 2,316 MCF / d Oil: Initial open flow 0 Bbl / d 2882' - 2940'
Time of open flow between initial and final tests N/A Oil: Final open flow show Bbl / d
Static rock pressure 340 psig (surface pressure) after _____ 96 HoursSecond producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow Commingled MCF / d Oil: Initial open flow _____ Bbl / d
Final open flow Commingled MCF / d Oil: 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.

For: KEY OIL COMPANY

By: 
Date: June 7, 2005

JUN 24 2005



0000 4838

**Clam Powell #1 (47-017-4838)
Two Stage Foam Frac – Universal Well Services**

1st Stage:	Gordon(15 holes) (2907' to 2935')	60 Quality Foam, 500 gal. 15% HCl., 30,000# 20/40 sand, 275,000 SCF N₂, 310 bbls foam
2nd Stage:	Big Injun (15 holes) (2268' to 2331')	60 Quality Foam, 500 gal 15% HCl, 30,000# 20/40 sand, 245,000 SCF N₂, 325 bbls foam

	<u>WELL LOG</u>	
KB	0	10
Fill	10	11
Red Rock & Shale	11	75
Sand & Shale	75	140
Shale & Red Rock	140	175
Sand & Shale	175	450
Red Rock	450	470
Red Rock	470	605
Sand & Shale	470	630
Red Rock	605	630
Sand & Shale	630	857
Red Rock & Shale	630	984
Sand & Shale	857	1015
Red Rock	984	1025
Sand & Shale	1015	1080
Red Rock	1025	1080
Sand & Shale	1080	1095
Red Rock	1080	2098
Sand & Shale	1095	2140
Little Lime	2098	2140
Big Lime	2140	2264
Big Injun	2140	2352
Shale	2264	2481
Weir	2352	2481
Shale	2481	2259
Berea	2259	2691
Shale	2691	2711
Gordon	2711	2882
Shale	2882	2940
TD	2940	3117
	3117	

½" water @ 245'

½" water @ 1759'

Gas Checks
2045' – Oil Odor

TD - Odor

JUN 24 2005