

LONG. 80°51'36.2" LATITUDE 39°20'00"

# STATLER LEASE 100 ACRES WELL NO. 2

GEO. DUCKWORTH HRS.

MARTIN MOODY

YOUTH CAMP (CHURCH)  
CHARLES KELLEY  
GARY HARRIS  
LAWRENCE JAMES  
MICHAEL & VICKY JAMES

THELMA JAMES STATLER TRUSTEE  
20 AC ± (SURFACE)

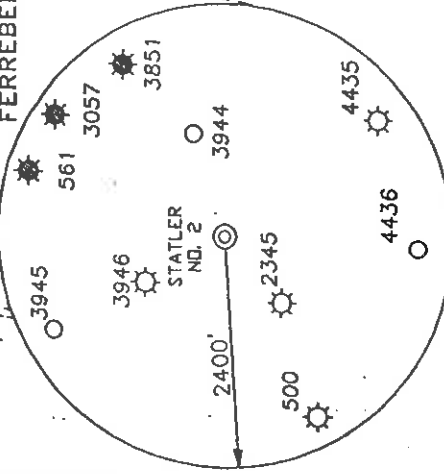
CAROL L. VINCENT  
49.56 AC ± (SURFACE)

48° CHESTNUT OAK

FRANK MCGILL

MARSHALL FERREBEE

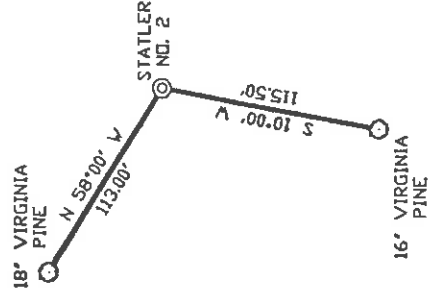
EDWIN PAYNE ET AL



### NOTES ON SURVEY

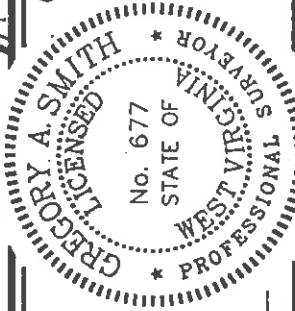
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WY NORTH ZONE (NAD 27).
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE REPORT DATED 9/2/98 PREPARED BY RICHARD M. REDDCLIFF.
3. SURFACE OWNERS AND ADDRESS INFORMATION OBTAINED FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN SEPTEMBER 1998.
4. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
5. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 9/15/98.

### REFERENCES



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



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

DATE SEPTEMBER 16, 19 98  
OPERATORS WELL NO. STATLER NO. 2  
API WELL NO. 47-017-04492  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4061P2 (69-34) SCALE 1" = 500'  
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 839'

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

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

LOCATION : ELEVATION 967' WATERSHED LONG RUN

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5' ACREAGE 20

SURFACE OWNER THELMA JAMES TRUSTEE LEASE NO. \_\_\_\_\_  
ROYALTY OWNER ROSALEE S. WILSON ET AL LEASE ACREAGE 100

PROPOSED WORK :  
DRILL \_\_\_ X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN  
ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

COUNTY NAME COUNTY PERMIT

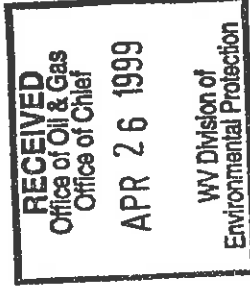
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6689

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WR-35



04 - Nov - 98  
API # 47 - 17 - 4492

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

Reviewed: JS

WV Division of  
Environmental Protection

Well Operator's Report of Well Work

Farm name: JAMES, THELMA TRUSTEE

Operator Well No.: STATLER #2

LOCATION: Elevation: 967.00

Quadrangle: WEST UNION

District: CENTRAL  
Latitude: 13900 Feet South of 39 Deg. 20 Min. 00 Sec.  
Longitude: 7610 Feet West of 80 Deg. 50 Min. 00 Sec.

County: DODDRIDGE

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

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD  
Permit Issued: 11/04/98  
Well Work Commenced: 11/21/98  
Well Work Completed: 12/03/98

Verbal Plugging  
Permission granted on: \_\_\_\_\_ Rig  
Rotary X Cable \_\_\_\_\_  
Total Depth ( feet ) 5324'  
Fresh water depths ( ft ) 100', 175'  
Salt water depths ( ft ) NONE

Is coal being mined in area ( Y / N ) ? N  
Coal Depths ( ft ): NONE

OPEN FLOW DATA

|   |           |               |
|---|-----------|---------------|
| Producing formation                               | Balltown  | 3464' - 4352' |
| Gas:  | Riley     | 4372' - 4438' |
| Initial open flow                                 | Benson    | 4807' - 4820' |
| Final open flow                                   | Alexander | 5054' - 5138' |
| Time of open flow between initial and final tests |           | 0 Bbl / d     |
| Static rock pressure                              |           | show Bbl / d  |
|   |           | N/A Hours     |
|   |           | 96 Hours      |

|   |            |                           |
|---|------------|---------------------------|
| Second producing formation                        | Commingled | Pay zone depth ( ft )     |
| Gas:  |            | Initial open flow         |
| Initial open flow                                 | MCF / d    | Bbl / d                   |
| Final open flow                                   | MCF / d    | Bbl / d                   |
| Time of open flow between initial and final tests |            | Hours                     |
| Static rock pressure                              |            | after _____               |
|   |            | psig ( surface pressure ) |

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: Jan E. Chapman  
Date: April 22, 1999

PRESIDENT

MAY 3 1999

Dodo 4492

Stallier #2 (47-017-4492)  
Three Stage Foam Frac - Halliburton

1<sup>st</sup> Stage: Alexander ( 12 holes ) ( 5100.50' to 5128.25' ) 60 Quality Foam. 500 gal. 15% HCL.  
60,000# 20/40 sand, 550,000 SCF N2,  
810 bbis foam.

2<sup>nd</sup> Stage: Benson ( 12 holes ) ( 4812.50' to 4815.25' ) 60 Quality Foam. 750 gal 15% HCL.  
50,000# 20/40 sand, 481,000 SCF N2,  
710 bbis foam.

3<sup>rd</sup> Stage: Riley ( 10 holes ) ( 4412' to 4435.75' ) 60 Quality Foam. 1,000 gal 15% HCL.  
Balltown ( 2 holes ) ( 4225' to 4225.25 ) 5,000# 80/100 sand, 45,000# 20/40 sand,  
502,000 SCF N2, 684 bbis foam.

WELL LOG

| Fill             | 0    | 5    |                              |
|------------------|------|------|------------------------------|
| Sand & Shale     | 5    | 20   |                              |
| Sand             | 20   | 125  | 1/2" H <sup>2</sup> O @ 100' |
| Sand & Shale     | 125  | 140  |                              |
| Sand             | 140  | 279  | 1/2" H <sup>2</sup> O @ 175' |
| Red Rock         | 279  | 290  |                              |
| Sand & Shale     | 290  | 768  |                              |
| Red Rock & Shale | 768  | 832  |                              |
| Sand & Shale     | 832  | 905  |                              |
| Red Rock & Shale | 905  | 1025 |                              |
| Sand & Shale     | 1025 | 1400 |                              |
| White Sand       | 1400 | 1440 |                              |
| Sand & Shale     | 1440 | 1981 |                              |
| Little Lime      | 1807 | 1834 |                              |
| Blue Monday      | 1834 | 1844 |                              |
| Big Lime         | 1844 | 1900 |                              |
| Big Injun        | 1900 | 2004 |                              |
| Shale            | 2004 | 2150 |                              |
| Weir             | 2150 | 2275 |                              |
| Sand & Shale     | 2275 | 2751 |                              |
| Gordon           | 2751 | 2762 |                              |
| Shale            | 2762 | 3228 |                              |
| Warren           | 3228 | 3292 |                              |
| Shale            | 3292 | 3310 |                              |
| Speechley        | 3310 | 3430 |                              |
| Sand & Shale     | 3430 | 3464 |                              |
| Balltown         | 3464 | 4352 |                              |
| Shale            | 4352 | 4372 |                              |
| Riley            | 4372 | 4438 |                              |
| Shale            | 4438 | 4807 |                              |
| Benson           | 4807 | 4820 |                              |
| Shale            | 4820 | 5054 |                              |
| Alexander        | 5054 | 5138 |                              |
| Sand & Shale     | 5138 | 5324 |                              |
| T.D.             | 5324 |      |                              |

**Gas Checks**  
 1891' - No Show  
 2505' - No Show  
 3026' - No Show  
 3706' - 4/10<sup>ths</sup> - 1/2" w/H<sup>2</sup>O  
 4384' - 4/10<sup>ths</sup> - 1/2" w/H<sup>2</sup>O  
 4879' - 4/10<sup>ths</sup> - 1/2" w/H<sup>2</sup>O  
 Collars - 8/10<sup>ths</sup> - 1/2" w/H<sup>2</sup>O