



FILE NO. 81 0304  
 DRAWING NO. 1  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1: 2500  
 PROVEN SOURCE OF ELEVATION C & GS B.M.#A 136  
el.v. = 642.9

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 MINES.  
 (SIGNED) Sam Bump  
 R.P.E. \_\_\_\_\_ L.L.S. 699

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE 24 MARCH, 19 81  
 OPERATOR'S WELL NO. E. WELLS #51  
 API WELL NO. 47 - 095 - 0908  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP  SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 627.0' WATER SHED Ohio River / Cow Hollow Run  
 DISTRICT LINCOLN COUNTY TYLER  
 QUADRANGLE NEW MATAMORIS 9 15' SE  
 SURFACE OWNER BARBARA KINKAID ACREAGE 21.3  
 OIL & GAS ROYALTY OWNER J. ELID, KINKAID, SCHUTT, et al. LEASE ACREAGE 454  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION Benson ESTIMATED DEPTH 5990'  
 WELL OPERATOR Mustang Petroleum DESIGNATED AGENT Lynn Van Fossen  
 ADDRESS 301 Lancaster St. Marietta Ohio 45750 ADDRESS 257 Poplar St. Davisville, W. Va. 26142



**RECEIVED**

AUG 12 1981

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

OIL & GAS DIVISION  
**Oil and Gas Division DEPT. OF MINES**

**WELL RECORD**

Quadrangle New Matamoros

Permit No. 47-095-0908

Rotary x Oil x  
Cable \_\_\_\_\_ Gas x  
Recycling \_\_\_\_\_ Comb. x  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind) \_\_\_\_\_

Company MUSTANG PETROLEUM, INC.  
Address 301 Lancaster St., Marietta, O.  
Farm Kinkaid, et al Acres 21.3  
Location (waters) Ohio River/ Cow Run  
Well No. 1 Elev. 627.0'  
District Lincoln County Tyler  
The surface of tract is owned in fee by Barbara Kinkaid  
Address Rt. 2, Sistersville, WV  
Mineral rights are owned by Same as above  
Address \_\_\_\_\_  
Drilling Commenced 3/30/81  
Drilling Completed 4/5/81  
Initial open flow Show cu. ft. \_\_\_\_\_ bbls.  
Final production 100M cu. ft. per day 5 bbls.  
Well open 48 hrs. before test 1600 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13.10" <del>xxxx</del> 13 3/8"	80'	79'	Surface
9 5/8	1354'	1153'	Surface
8 5/8			
7			
5 1/2			
4 1/2	5000'	4969'	850 Sks/
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record. 100MCF + 5 BBL

Benson & Shale 250 BBL. 15,000 #80/100 45,000 #20/40 500 Ga. Acid 4425' - 4888'  
Shale 260 BBL. 15,000 #80/100 45,000 #20/40 1000 Ga. Acid 3758-4350'  
Shale & Benson 245 BBL. 15,000 #80/100 45,000 #20/40 1000 Gal. Acid 2927' - 3634'

Coal was encountered at \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
Fresh water 1" @ 200' 1" @ 976' Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Shale, Benson, Gordon Depth 4888, 4500, 2950

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	15		
Sand, Shale			15	45		
Sand			45	80		
Sand, Shale			80	243	Fresh H <sub>2</sub> O 1" @ 200'	
Sand			243	610		
Sand, Shale			610	1386	Fresh H <sub>2</sub> O 1" @ 976'	
Big Lime			1386	1546		
Sand, Shale			1546	1789		
Weir			1789	1826		
Sand, Shale			1826	1910		
Berea			1910	1915		
Sand, Shale			1915	2178		
Gantz			2178	2198		
Sand, Shale			2198	2953		
Gordon			2953	3013	Show of Gas	
Sand, Shale			3013	4506		
Benson			4506	4514	Show of Gas	
Sand, Shale <u>ALEX</u>			4514	4992 T. D.		

4992  
3013  
1979 expl. ft.

SEP 9 1981

(over)

\* Indicates Electric Log tops in the remarks section

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks

Date 7/10 . 1981

APPROVED Charles M. [Signature] . Owner

OIL AND GAS WELL PERMIT APPLICATION

TYPE: Oil X / Gas \_\_\_ /  
(If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_ /

LOCATION: Elevation: 627.0 Watershed: Ohio River/Cow Run

District: Lincoln County: Tyler Quadrangle: New Matamoras

OPERATOR Mustang Petroleum, Inc. DESIGNATED AGENT Lynn A. VanFossen  
Address 301 Lancaster St. Address 252 Poplar St. Ext.  
Marietta, OH 45750 Davisville, WV 26142

COAL & GAS  
COAL OWNER J. Elid, Kinkaid, Schutt et al COAL OPERATOR None  
Address Route # 2 Address \_\_\_\_\_  
Sistersville, WV 26175

ACREAGE 21.3 of 1300 COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
FACE OWNER Barbara Kinkaid Address \_\_\_\_\_  
Address Route # 2 **RECEIVED**  
Sistersville, WV 26175 MAR 27 1981

ACREAGE 21.3 Name None OIL & GAS DIVISION  
COAL LESSEE WITH DECLARATION ON RECORD:  
LD SALE (IF MADE) TO: Address DEPT. OF MINES  
Name None

Address \_\_\_\_\_  
Address \_\_\_\_\_

AND GAS INSPECTOR TO BE NOTIFIED:  
Name Phillip Lee Tracy

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease \_\_\_ / other contract X / dated 1/16, 1981, to the undersigned well operator from Robertson-Williams Oil Corp. (assignment) (said deed, lease or other contract has been recorded:)

Recorded on 3/9, 1981, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in DEED Book 229, at page 190. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate \_\_\_ /  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
Other physical change in well (specify) Will fracture if well is productive.

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any action they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by Department of Mines. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: **BLANKET BOND** W.M. [Signature]  
OFFICE OF OIL AND GAS Well Operator

