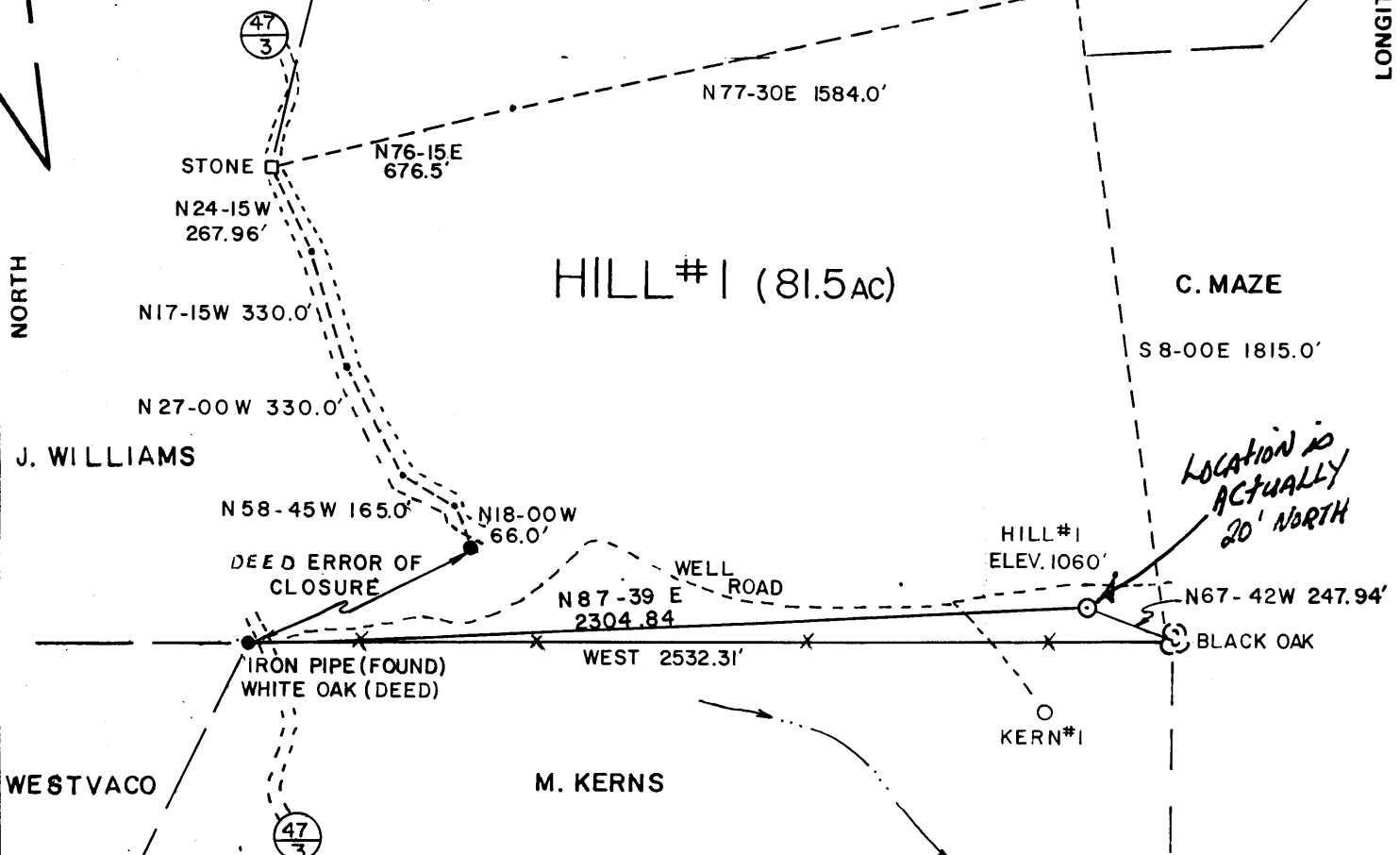
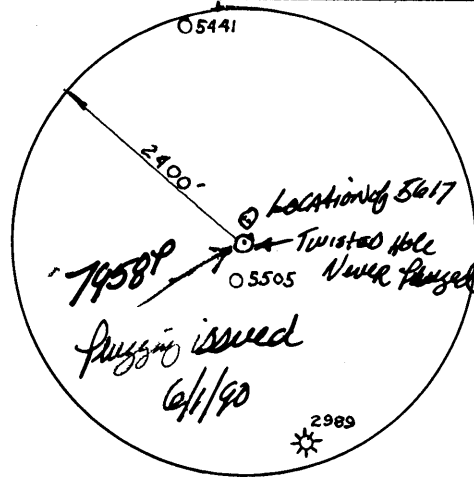


9100'

LATITUDE 39°07'30" (7.5')

LONGITUDE 81°12'30" (7.5')

This well was corrected to show the actual location of well 5617 June 6/1/90



FILE NO. _____
DRAWING NO. _____
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
ELEV. 685'

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) David W. Kinney
R.P.E. 2149 JLS

PLACE SEAL HERE

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



DATE MAY 7, 19 82
OPERATOR'S WELL NO. HILL#1
API WELL NO. 47-085-5617
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 1060' WATER SHED SOUTH FORK OF HUGHES RIVER
DISTRICT GRANT 1 COUNTY RITCHIE
QUADRANGLE MAC FARLAN (75')
SURFACE OWNER H.H. BORDER 1/2 W.L.H. WATKINS 1/2 ACREAGE 81.5
OIL & GAS ROYALTY OWNER SAME AS ABOVE LEASE ACREAGE 81.5
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) _____

During the drilling of this well the rig was skidded north 20'ft where the well that is producing and plugged. The first hole was twisted off & never plugged.

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5500'
WELL OPERATOR B&L OIL COMPANY DESIGNATED AGENT C. JO MC CRADY
ADDRESS 1420 7TH STREET PARKERSBURG, W.V. ADDRESS 1420 7TH STREET PARKERSBURG, W.V.
26101 26101

JUN 4 1990

RECEIVED



IV-35
(Rev 8-81)

MAR 6 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date March 8, 1983
Operator's #1
Well No. #1
Farm HILL
API No. 47 - 085 - 5617

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 1060' Watershed SOUTH FORK OF HUGHES RIVER
District: GRANT County RTTCHIE Quadrangle MCFARLAN 7.5'

COMPANY Alan Gable Oil Development Co.

ADDRESS P O Box 166, Davisville, WV

DESIGNATED AGENT Ron Kudella

ADDRESS P O Box 166, Davisville, WV

SURFACE OWNER H. H. BORDER, 1/2 interest
RT 1 BOX 200 B, DAVISVILLE, WV

ADDRESS W. L. WATKINS, 1/2 interest

MINERAL RIGHTS OWNER #82 BROOKWOOD BLVD, CHARLESTON, WV
SAME AS ABOVE

ADDRESS SAME AS ABOVE

OIL AND GAS INSPECTOR FOR THIS WORK DEO MACE

RT 1 BOX 65 ADDRESS SANDRIDGE, WV 25274

PERMIT ISSUED _____

DRILLING COMMENCED 7/17/82

DRILLING COMPLETED 7/27/82

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	11 3/4"	40'	
9 5/8			
8 5/8	8 5/8	1250'	
7			
5 1/2			
4 1/2	4 1/2	4680	
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION MARCELLUS Depth 5500 feet

Depth of completed well 4684 feet Rotary / Cable Tools _____

Water strata depth: Fresh 1200 feet; Salt 1200 feet

Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Huron Pay zone depth 3580-4225 feet

Gas: Initial open flow 1.8 M Mcf/d Oil: Initial open flow 2 Bbl/d

Final open flow 1.6 M Mcf/d Final open flow 4 Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 920 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)

Second producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

RT. 5617

1,600 mcf
+460

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Muron {
 3580-90 10 holes
 3614-30 10
 3680-85 5
 3762-80 11
 3886-93 4
 4041-50 6
 4220-25 5

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Maxon			1717	1744	
Big Lime			1899	2036	
Keener			2040	2052	
Big Injun			2054	2122	
Squaw			2126	2138	
Berea			2508	2514	
Gordon			2912	2922	
Speechely			3750	3858	
Balltown			4118	4140	
				TD 4684 - Muron TD.	4684 2514 <hr/> 2170

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

By: Ron Kudell

Date: MARCH 8, 1983

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including all, encountered in the drilling of a well."



Well No. # 1
Farm HILL
API #47 - 085- 5617
Date MAY 7, 1982

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /
(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow ___ /

LOCATION: Elevation: 1060' Watershed: SOUTH FORK OF HUGHES RIVER
District: GRANT County: RITCHIE Quadrangle: MCAFARLAN 7.5'

WELL OPERATOR B & L OIL COMPANY
Address 1420 7th St.
PARKERSBURG, WV 26101

DESIGNATED AGENT C. JO MCCRADY
Address 1420 7th st
PARKERSBURG, WV 26101

OIL AND GAS H. H. BORDER, 1/2 26142
ROYALTY OWNER Rt 1, Box 200B, Davisville, WV
Address W. L. Watkins, 1/2
#82 Brookwood Blvd. Charleston, WV
Acreage 81 1/2 25302

COAL OPERATOR N/A
Address _____

SURFACE OWNER SAME AS ABOVE
Address _____
Acreage 81 1/2

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME DEO MACE
Address Rt 1 Box 65
Sandridge, WV 25274
Telephone 655-8693

RECEIVED

MAY 10 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated 4/10, 1982, to the undersigned well operator from HELLEN HILL & WILLIS C. BORDER, WANDA LEE HILL & ELMER B. WATKINS
(If said deed, lease, or other contract has been recorded:)

Recorded on April 13, 1982, in the office of the Clerk of County Commission of RITCHIE County, West Virginia, in 142 Book at page 866. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

--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 objection 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION **BLANKET BOND**
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

B & L OIL COMPANY
Well Operator
By: C. J. McCrady
Its: DESIGNATED AGENT

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) B & L OIL COMPANY

Address 1420 7th st.

PARKERSBURG, WV 26101

GEOLOGICAL TARGET FORMATION MARCELLUS

Estimated depth of completed well 5500' feet. Rotary XXX/ Cable tools /

Approximate water strata depths: Fresh, 1200 feet; salt, 1200 feet.

Approximate coal seam depths: N/A

Is coal being mined in this area: Yes / No XX/

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling	Left in Well		
Conductor	10"					40'			Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	J55	24½	New		500'	500'	to surface	
Production	4 1/2	J55	10.5	New			5500	600 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 1-13-83.

BY [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By:

Its: