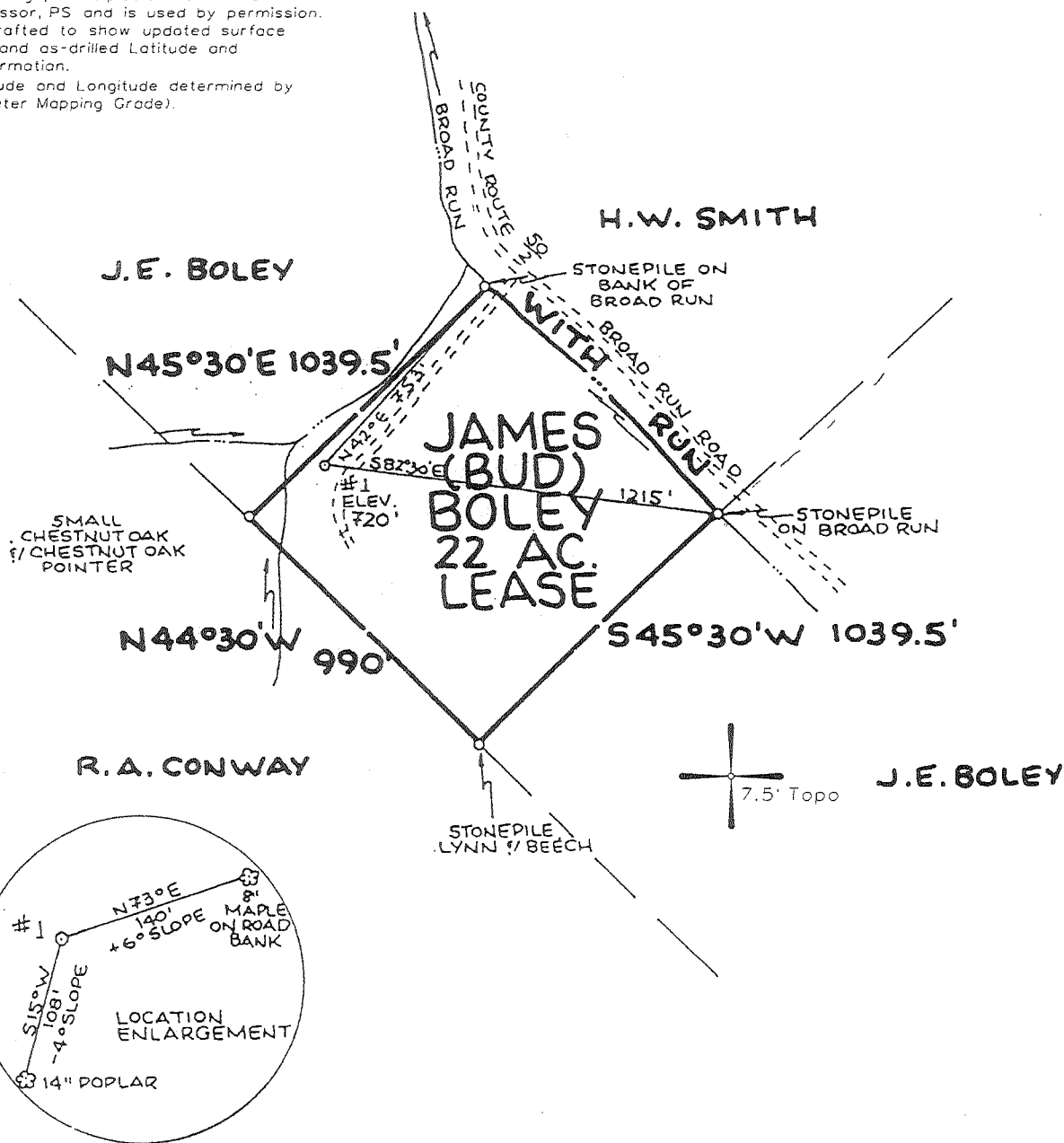


Longitude - 81° 11' 03.4" 4,975'

LATITUDE 39° 25' 00"

NOTES

- 1 - The survey drawing shown hereon is from the original drilling permit plat dated 11/4/84 by William Mossor, PS and is used by permission. Plat was re-drafted to show updated surface owner names and as-drilled Latitude and Longitude information.
- 2 - Well Latitude and Longitude determined by DGPS (Sub-Meter Mapping Grade).



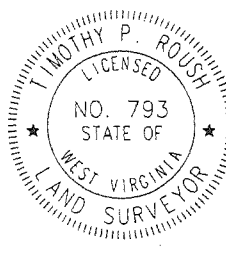
LONGITUDE 81° 10' 00"
 10,400"
 Longitude - 39° 23' 17.2"

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

FILE NO. 114-15
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY _____
 PROVEN SOURCE OF ELEVATION WVDEP Records (Original Survey)

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) [Signature]
TIMOTHY P. ROUSH PS 793



WEST VIRGINIA
 Division of Environmental Protection
 Office of Oil and Gas
 601 57th Street
 Charleston, West Virginia 25304



DATE October 23, 2007
 FARM Boley No.1
 API WELL NO. 47-073-01911W

CANCELLED

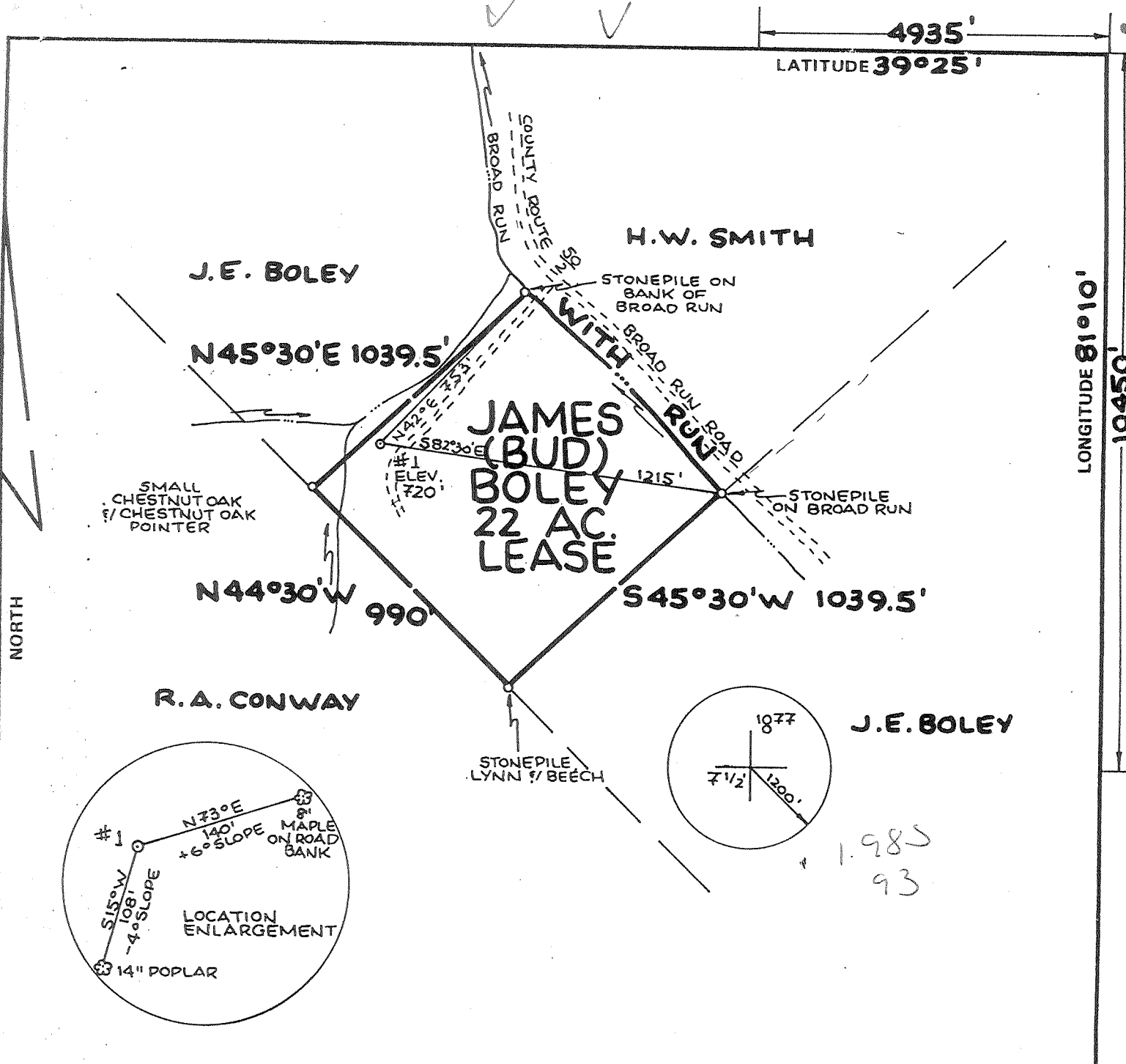
WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 720' WATERSHED Broad Run
 DISTRICT Washington COUNTY Pleasants
 QUADRANGLE Raven Rock 7.5'

SURFACE OWNER Robert E. Hammett ACREAGE 7.117 Ac.
 OIL & GAS ROYALTY OWNER James Boley LEASE ACREAGE 22 Ac.

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 Big Injun/Maxton ESTIMATED DEPTH 1,457'
 WELL OPERATOR Ecological Energy Inc. DESIGNATED AGENT John Witt
 ADDRESS Route 39, Box 89 ADDRESS P.O. Box 893
St. Marys, WV 26170 Morgantown, WV 26507

DEC 11 2009



FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **BM ELEV. AT RAILROAD BRIDGE 620'**

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) William Howard
 R.P.E. _____ L.L.S. **551**

No. **531**
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE **4 NOVEMBER**, 19**84**
 OPERATOR'S WELL NO. **#1**
 API WELL NO. **47-073-01911 7**
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION **720'** WATER SHED **BROAD RUN**
 DISTRICT **WASHINGTON** COUNTY **PLEASANTS**
 QUADRANGLE **RAVEN ROCK 7 1/2' QUAD.**
 SURFACE OWNER **JAMES (BUD) BOLEY** ACREAGE **22**
 OIL & GAS ROYALTY OWNER **JAMES (BUD) BOLEY** LEASE ACREAGE **22**
 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) Production from Benson Belay
Existing well drilled in 1984 by American Republic Equip Co. 4343' long Plug from Gordon & Coningle.
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION **BENSON** ESTIMATED DEPTH **4500'**
 WE Ecological Energy Inc. ED AGENT **BERNARD TICE**
 AC Box 701 Riverside Dr., St. Marys, W.V. 26170. _____ ADDR Agent **MAY 3 1999**

LONGITUDE 81°10' 10450'

PLEASE 1911 F

J.E. BOLEY

H.W. SMITH

N45°30'E 1039.5'

**JAMES (BUD) BOLEY
22 AC. LEASE**

SMALL CHESTNUT OAK
? / CHESTNUT OAK
POINTER

N44°30'W 990'

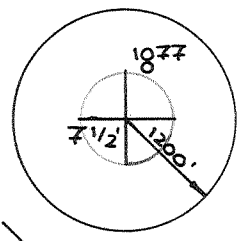
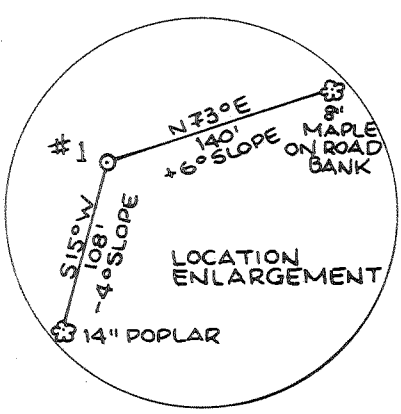
S45°30'W 1039.5'

R. A. CONWAY

J.E. BOLEY

STONEPILE
LYNN ? / BEECH

1.975
0.93W



FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **BM ELEV. AT RAILROAD BRIDGE 620'**

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) *William Howard*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



DATE **4 NOVEMBER**, 19**84**
 OPERATOR'S WELL NO. **#1**
 API WELL NO. **47 - 033 - 1911**
 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 **720'** WATER SHED **BROAD RUN**
 DISTRICT **WASHINGTON 6** COUNTY **PLEASANTS**
 QUADRANGLE **RAVEN ROCK 7 1/2' QUAD.** ST. MARY'S 116 WC4
 SURFACE OWNER **JAMES (BUD) BOLEY** ACREAGE **22**
 OIL & GAS ROYALTY OWNER **JAMES (BUD) BOLEY** LEASE ACREAGE **22**
 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 DEP. **4500'**
 WELL OPER. **KODIAK PETROLEUM CORP.** ED AGENT **BERNARD TICE**
 ADDRESS **210 SECOND STREET** ADDRESS **210 SECOND STREET**
474 ST. MARYS, W.VA. 26170 **ST. MARYS, W.VA. 26170**

NOV 26 1984

Gordon Perfs 2379,78,77,69,68,67 one each

2334 thru 2340 10 perfs

the frac consisted of 75% Foam with 2758# of 20/40 sand using 4,116 gal of water. The frac was flowed back into stock tanks, no pit was used.

Bera perfs 1933 thru 1941 24 perfs

A gas gun was discharged in the perforated interval. No fluids were used other than fresh water which was swab back into the stock tanks.

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Bera perfs 1933 thru 1941 24 perfs

A gas gun was discharged in the perforated interval. No fluids were used other than fresh water which was swab back into the stock tanks.

IV-35
(Rev 8-81)

RECEIVED
MAY 17 1985



OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 15, 1985
Operator's Boley #1
Well No. Boley #1
Farm Boley
API No. 47 - 073 - 1911

RECEIVED
MAY 28 1985

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

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

LOCATION: Elevation: 720' Watershed Broad Run
District: Washington County Pleasants Quadrangle Raven Rock

COMPANY American Pipeline & Exploration Co. - formerly Kodiak Petroleum Corp.

ADDRESS 210 Second St., St. Marys, WV 26170

DESIGNATED AGENT Bernard Tice

ADDRESS 210 Second St., St. Marys, WV 26170

SURFACE OWNER James E. Boley

ADDRESS 1717 W. Workman, Box 153, W. Covina, CA

MINERAL RIGHTS OWNER James E. Boley

ADDRESS Same

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourne, WV 26149

PERMIT ISSUED 11-16-84

DRILLING COMMENCED 11-24-84

DRILLING COMPLETED 11-30-84

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 Cord.			
13-10"			
9 5/8			
8 5/8	886	886	220 sks
7			
5 1/2			
4 1/2	4281	4281	250 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Riley-Benson Depth 4133-4200 feet

Depth of completed well 4343 feet Rotary XX / Cable Tools _____

Water strata depth: Fresh 30 feet; Salt N/A feet

Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Riley-Benson Pay zone depth 4133-4206 feet

Gas: Initial open flow 200 Mcf/d Oil: Initial open flow 16 Bbl/d

Final open flow 200 Mcf/d Oil: Final open flow 16 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 820 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Balltown-Bradford Pay zone depth 3917-3777 feet

Gas: Initial open flow 200 Mcf/d Oil: Initial open flow 16 Bbl/d

Final open flow 200 Mcf/d Oil: Final open flow 16 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 820 psig (surface measurement) after 24 hours shut in

(Continue on reverse side)

JUN 10 1985

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

Stage #1 - 4133 to 4230 20 perfs *Huron*
Fraced with foam, 159 bbls. of H2O, 25,000 lbs. 20/50 sand 800,000 SCF N2

Stage #2 - 3737 to 3797 18 perfs *Huron*
Fraced with 500,000 SCF N2

Stage #3 - 3417 to 3460 20 perfs *Huron*
Fraced with 500,000 SCF N2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale			0	80	fresh water
Gray Shale			80	230	
Red Shale			230	410	
Gray Shale			410	590	
Shale & Sandstone			590	615	
Red Shale			615	720	
Cow Run			720	735	
Maxon			1311	1328	
Big Injun			1408	1546	Oil & Gas
Berea			1924	1936	Gas
Gordon			2315	2336	
Speechley-Balltown			3300	3602	Oil
Bradford			3771	3801	Oil
Riley-Benson			4140	4230	Gas
Shale			4230	4343	TD
				<i>Java @ TD</i>	

*4343
720
3623*

(Attach separate sheets as necessary)

American Pipeline & Exploration Co.
Well Operator

By: *Bernard Lee*

Date: May 15, 1985

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 coal, encountered in the drilling of a well."



1) Date: Nov. 6, 19 84
 2) Operator's Well No. Boley #1
 3) API Well No. 47 - 073 - 1911
 State _____ County _____ Permit _____

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil XX / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: 720' Watershed: Broad Run
 District: Washington County: Pleasants Quadrangle: Raven Rock 7 1/2'
- 6) WELL OPERATOR Kodiak Petroleum Corporation 7) DESIGNATED AGENT Bernard Tice
 Address 210 Second Street Address 210 Second Street
St. Marys, WV 26170 St. Marys, WV 26170
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert Lowther Name Unknown
 Address Middlebourne, WV 26149 Address _____
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4600 feet
- 13) Approximate strata depths: Fresh, 40 feet; salt, N/A feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No XX
- 15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4			X		30'			Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8		24	X		900'	900'	to surface	NEAR
Production	4 1/2		10.5	X		4300'	4300'	2500 fill up	DEPT OF MINES
Tubing									NOV 16 1984
Liners									Oil & Gas Div.

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-073-1911 Date November 16, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires November 16, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
92	MW	MW	MW	575

Margaret J. Hesse
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

RECEIVED
 NOV 16 1984
 OIL & GAS DIV.
 DEPT OF MINES