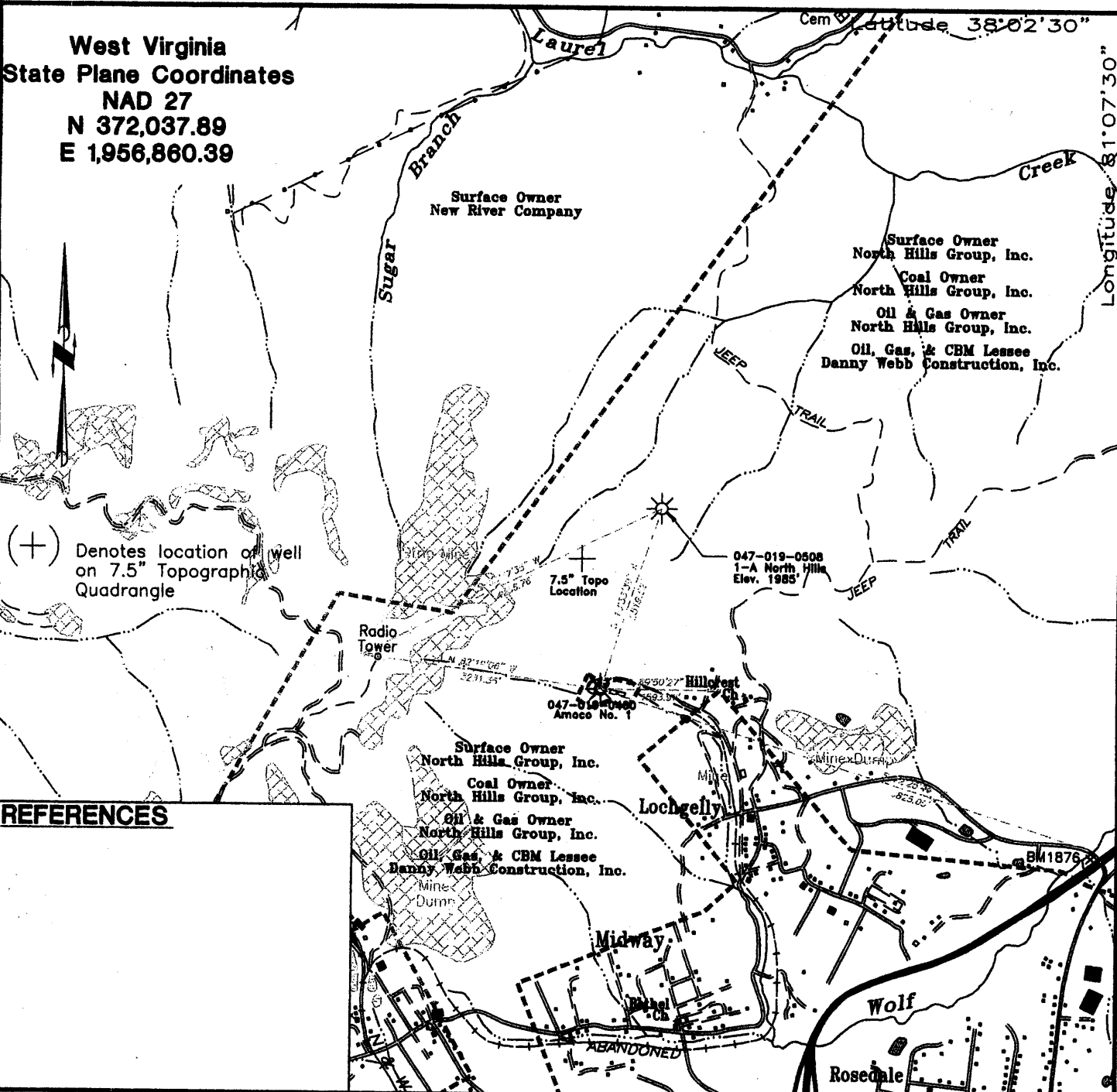


7141.22



Longitude 81°07'30"

7283.51

**West Virginia  
State Plane Coordinates  
NAD 27  
N 372,037.89  
E 1,956,860.39**

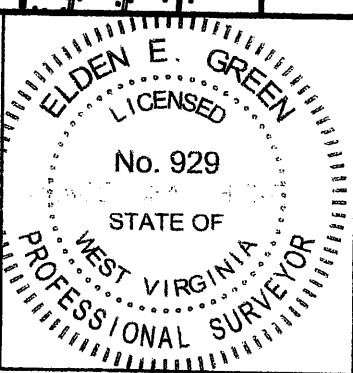
(+) Denotes location of well on 7.5" Topographic Quadrangle

**REFERENCES**

File No. \_\_\_\_\_  
 Drawing Name F./001-541/Dwg  
 Drawing Name Plat 508  
 Scale 1" = 2000'  
 Minimum Degree of Accuracy 1 : 200  
 Proven Source of Elevation Existing  
Amoco No. 1

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ R.P.S. 929



**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
CHARLESTON, WV**

DATE September 28, 2008  
 OPERATOR'S WELL NO. 1-A North Hills  
 API WELL NO. \_\_\_\_\_

047 — 019 — 0508 W  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1985 WATERSHED Wolf Creek of New River  
 DISTRICT Plateau COUNTY Fayette  
 QUADRANGLE Beckwith

SURFACE OWNER North Hills Group, Inc. ACREAGE 2381.65  
 ROYALTY OWNER North Hills Group, Inc. LEASE ACREAGE 3381.71  
PO Box 1250, Oak Hill, WV 25901  
 LEASE NO. \_\_\_\_\_

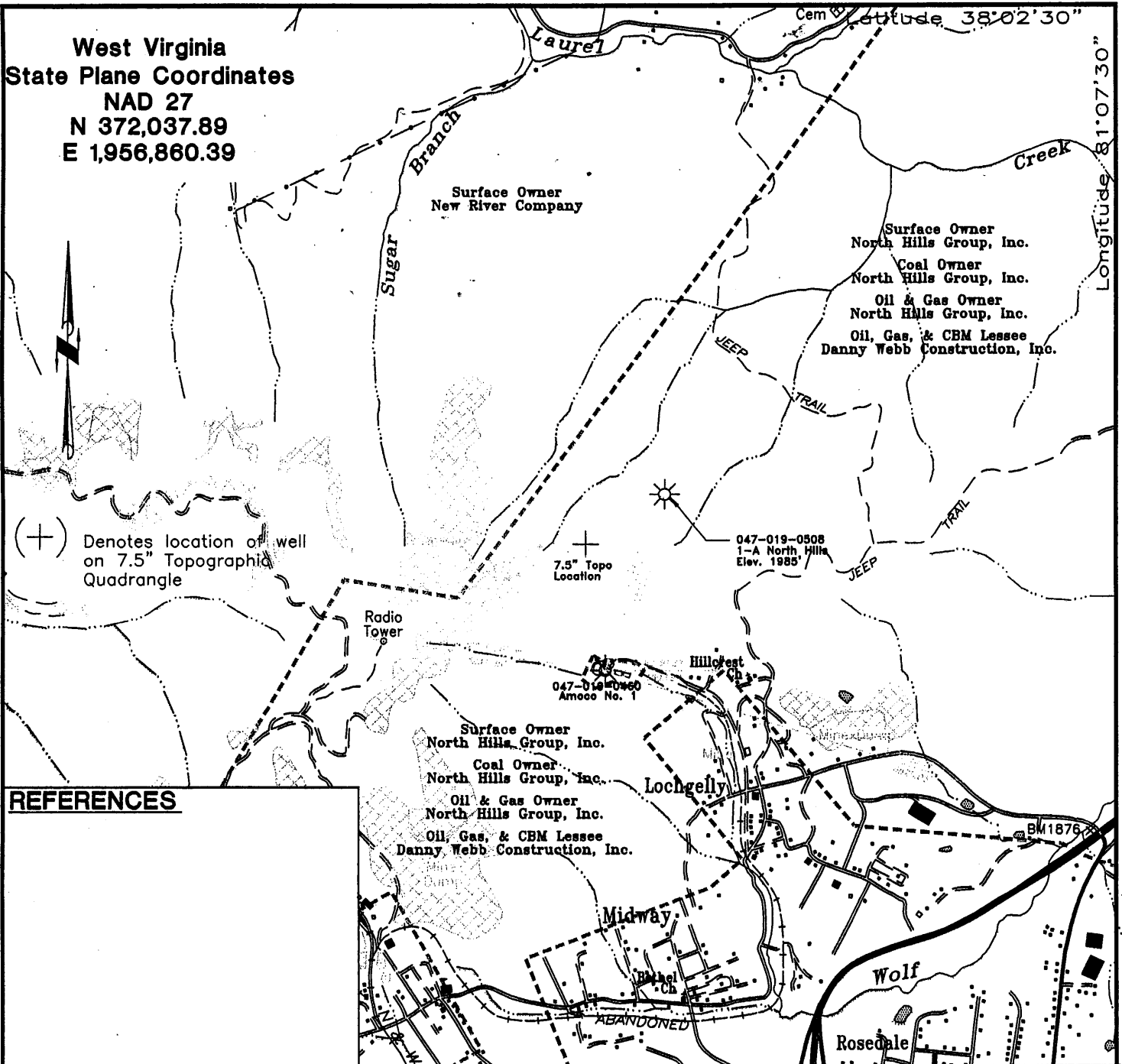
PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL X FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEANOUT AND REPLUG \_\_\_  
 TARGET FORMATION Weir ESTIMATED DEPTH 2757' **OCT 3 2008**  
 WELL OPERATOR Danny Webb Construction, Inc. DESIGNATED AGENT Danny Webb  
 ADDRESS PO Box 267 ADDRESS PO Box 267  
Lochgelly, WV 25866 Lochgelly, WV 25866

FAY 0508

7141.22

West Virginia  
State Plane Coordinates  
NAD 27  
N 372,037.89  
E 1,956,860.39

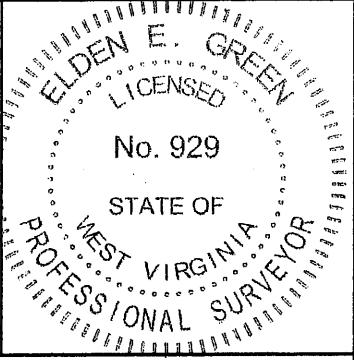


(+) Denotes location of well on 7.5" Topographic Quadrangle

**REFERENCES**

File No. \_\_\_\_\_  
Drawing Name F/001-541/Dwg  
Drawing Name Plat 508  
Scale 1" = 2000'  
Minimum Degree of Accuracy 1" = 200'  
Proven Source of Elevation Existing  
Amoco No. 1

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]  
R.P.E. \_\_\_\_\_ R.P.S. 929



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**OFFICE OF OIL AND GAS**  
**CHARLESTON, WV**

DATE September 28, 2006  
OPERATOR'S WELL NO. 1-A North Hills  
API WELL NO. \_\_\_\_\_

STATE 047 COUNTY 019 PERMIT 0508 R  
Redrill

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

LOCATION: ELEVATION 1985 WATERSHED Wolf Creek of New River  
DISTRICT Plateau COUNTY Fayette  
QUADRANGLE Beckwith

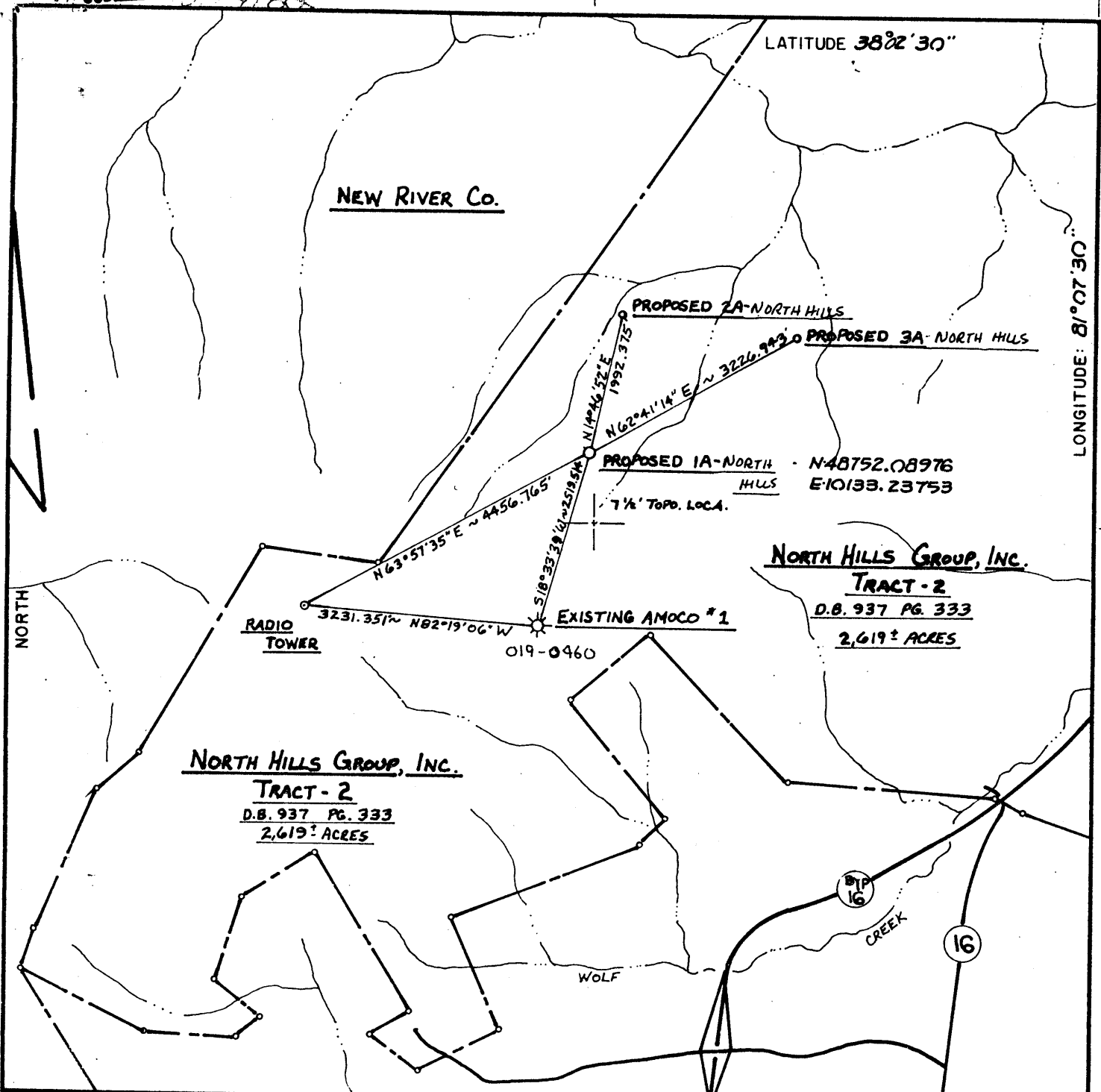
SURFACE OWNER North Hills Group, Inc. ACREAGE 2381.65  
ROYALTY OWNER North Hills Group, Inc. LEASE ACREAGE 3381.71  
PO Box 1250, Oak Hill, WV 25901 LEASE NO. \_\_\_\_\_ DEC 15 2006

PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL X FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEANOUT AND REPLUG \_\_\_  
TARGET FORMATION Weir ESTIMATED DEPTH 2757'  
WELL OPERATOR Danny Webb Construction, Inc. DESIGNATED AGENT Danny Webb  
ADDRESS PO Box 267 ADDRESS PO Box 267  
Lochgelly, WV 25866 ADDRESS Lochgelly, WV 25866

7283.51

FAY 0508 R



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000 FT.  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION EXIST. AMOCO-1

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) Sydney Bowman  
 R.P.E. \_\_\_\_\_ L.L.S. -736-

PLACE SEAL HERE

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



Department of Mines  
 Oil & Gas Division

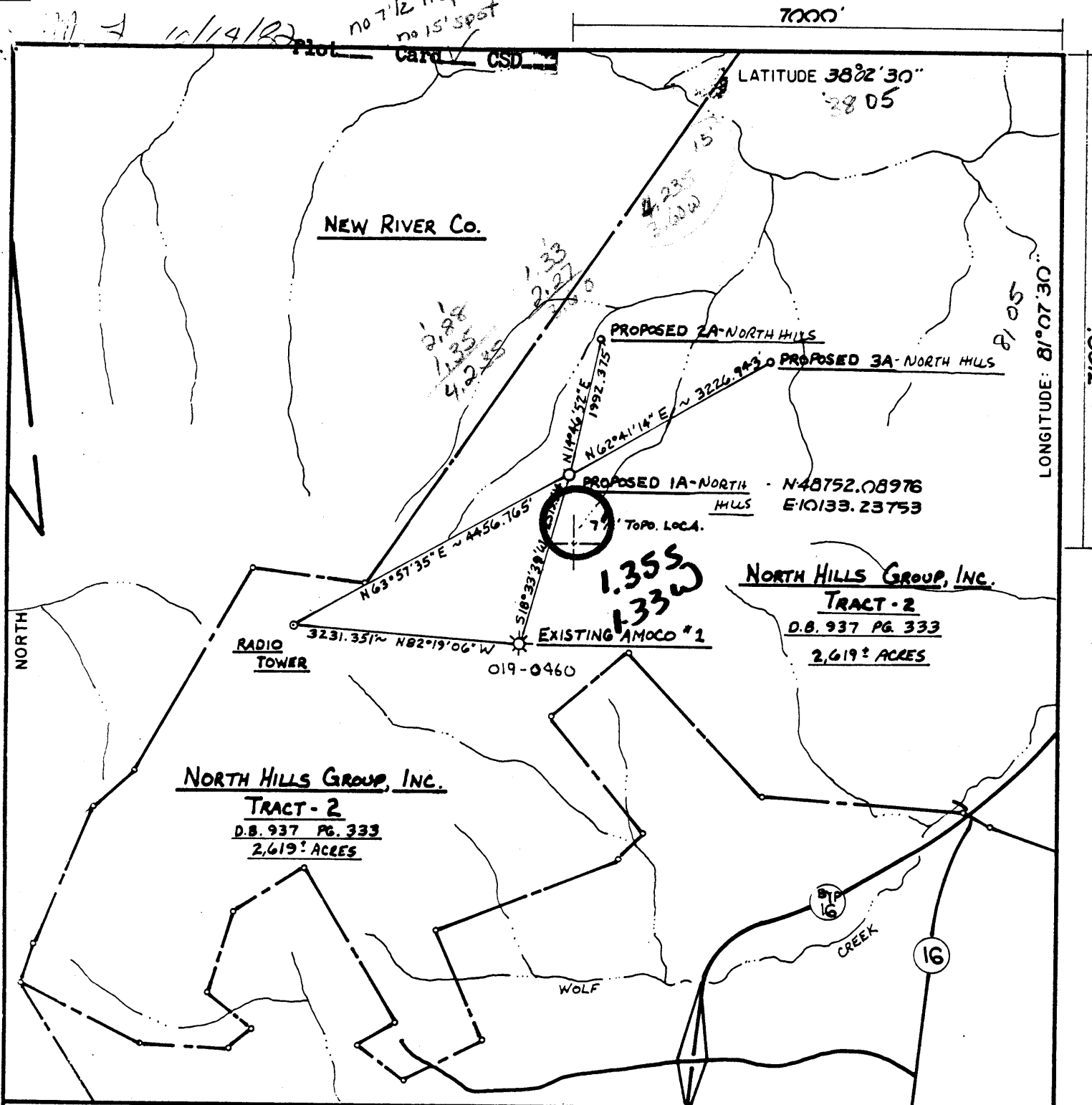
DATE SEPTEMBER 14 19 82  
 OPERATOR'S WELL NO. 1-A NORTH HILLS  
 API WELL NO. 47 - 019 - 0508-P  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_\_\_ GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 1985' WATER SHED WOLF CREEK OF RIVER, NEW  
 DISTRICT PLATEAU COUNTY FAYETTE  
 QUADRANGLE BECKWITH  
 SURFACE OWNER NORTH HILLS GROUP, INC. ACREAGE 2381.65  
 OIL & GAS ROYALTY OWNER NORTH HILLS GROUP, INC. LEASE ACREAGE 3624  
 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 WEIR ESTIMATED DEPTH 2157' MAR 31 1986  
 WELL OPERATOR PEAKE OPERATING DESIGNATED AGENT FLOYD WILCOX  
 ADDRESS 423 CHAS. NAT. PL. CHAS. WV ADDRESS 423 CHAS. NAT. PL. CHAS WV

6-0 Beckwith (Loop Creek) (354)

LONGITUDE: 81°07'30"

FAY. - 0508



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 2000 FT.  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION EXIST. AMOCO #1

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) *Sydney S. Bowman*  
 R.P.E. \_\_\_\_\_ L.L.S. -736-

PLACE SEAL HERE

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



Department of Mines  
 Oil & Gas Division

DATE SEPTEMBER 14 19 82  
 OPERATOR'S WELL NO. 1A NORTH HILLS  
 API WELL NO. 47-019-0508  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1985' WATER SHED WOLF CREEK OF RIVER, NEW  
 DISTRICT PLATEAU COUNTY FAYETTE  
 QUADRANGLE BECKWITH Fayetteville 15' SC  
 SURFACE OWNER NORTH HILLS GROUP, INC. ACREAGE 2381.63  
 OIL & GAS ROYALTY OWNER NORTH HILLS GROUP, INC. LEASE ACREAGE 3624  
 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 WEIR ESTIMATED DEPTH 2757'  
 WELL OPERATOR PEAKE OPERATING DESIGNATED AGENT FLOYD WILCOX  
 ADDRESS 423 CHAS. NAT. PL. CHAS. WV ADDRESS 423 CHAS. NAT. PL. CHAS WV

OCT 25 1982

**RECEIVED**  
 MAR 21 1986



Date March 11, 1986  
 Operator's Well No. North Hills #1-A  
Farm North Hills  
 API No. 47-019-508

DIVISION OF OIL & GAS of West Virginia  
 DEPARTMENT OF ENERGY  
 DEPARTMENT OF ENERGY  
 Oil and Gas Division

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: 1985' Watershed Wolf Creek of New River  
 District: Plateau County Fayette Quadrangle Beckwith 7.5

COMPANY Peake Operating Company  
 ADDRESS 423 Charleston National Plaza  
Charleston, W. Va. 25301  
 DESIGNATED AGENT Timothy K. Wilcox  
 ADDRESS 423 Charleston National Plaza  
Charleston, W. Va. 25301  
 SURFACE OWNER North Hills Group  
 ADDRESS Oak Hill, W. Va.  
 MINERAL RIGHTS OWNER North Hills Group  
 ADDRESS Oak Hill, W. Va.  
 OIL AND GAS INSPECTOR FOR THIS WORK Rodney  
Diller ADDRESS Sophia, W. Va.  
 PERMIT ISSUED October 15, 1982  
 DRILLING COMMENCED October 19, 1982  
 DRILLING COMPLETED October 25, 1982  
 IF APPLICABLE: PLUGGING OF DRY HOLE OR  
 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 Cowl.			
13-10"	15	15	3 sks. CTS
9 5/8	672	672	200 sks. CTS
8 5/8			
7	1430	1430	240 sks. CTS
5 1/2			
4 1/2	2776	2776	240 sks.
3			
2			
Liner's used			

GEOLOGICAL TARGET FORMATION Weir Depth 2757 feet  
 Depth of completed well 2806 feet Rotary  / Cable Tools \_\_\_\_\_  
 Water strata depths: Fresh 50 feet; Salt 500 feet  
 Coal seam depths: \_\_\_\_\_ Is coal being mined in the area?

OPEN FLOW DATA  
 Producing formation Ravencliff Pay zone depth 1550-1605 feet  
 Gas: Initial open flow 151M Mcf/d Oil: Initial open flow - Bbl/d  
 Final open flow 14 Mcf/d 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  
 (If applicable due to multiple completion--)

Second producing formation Weir Pay zone depth 2703-2715 feet  
 Gas: Initial open flow 151M Mcf/d Oil: Initial open flow - Bbl/d  
 Final open flow 151M 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)

JUL 21 1986

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

- Sept. 12, 1983 - Perf. Weir from 2703-2715 w/36 holes.
- Sept. 14, 1983 - Frac. w/190 bbls. H<sub>2</sub>O, 688,000 SCFN<sub>2</sub>, BD 1700#, ATP 2000#, ISIP 1300#.
- Sept. 17, 1983 - Perfed Ravenscliff from 1575-1601 with 34 holes.
- Sept. 19, 1983 - Frac. w/578 bbl. H<sub>2</sub>O, 116,000 SCFN<sub>2</sub>, BD 1600#, ATP 25,000#, ISIP 2400#, 15 min. 1150#

WELL LOG

FORMATION' COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
			Including indication of all fresh and salt water, coal, oil and gas
Sand and Shale	0	1000	Open mines 635-637
Shale	1000	1012	
Sand	1012	1150	
Shale	1150	1542	
Ravenscliff	1542	1608	Gas checks:
Shale	1608	2083	1554 - No gas
Sand	2083	2126	1629 - TSTM
Shale	2126	2145	2280 - 15 MCF
Little Lime	2145	2210	2580 - TSTM
Pencil Cave	2210	2250	2670 - TSTM
Big Lime	2250	2568	2706 - TSTM
Shale	2568	2650	2730 - TSTM
<u>Weir</u>	2650	2722	2806 - TSTM
Slate	2722	2806	

LTD 2806

(Attach separate sheets as necessary)

PEAKE OPERATING COMPANY  
Well Operator

By: *Thomas S. Shrestha*  
Date: March 11, 1986

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."

JUL 21 1986



1) Date: September 30, 1982  
 2) Operator's Well No. 1-A North Hills (Amoco)  
 3) API Well No. 47 - 019 - 0508  
 State            County            Permit           

DRILLING CONTRACTOR:

Unknown

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil            / Gas X  
 B (If "Gas", Production X / Underground storage            / Deep            / Shallow X)
- 5) LOCATION: Elevation: 1985 Watershed: Molly Creek of New River  
 District: Plateau County: Fayette Quadrangle: Beckwith 71
- 6) WELL OPERATOR Peake Operating Company 11) DESIGNATED AGENT Floyd B. Wilcox  
 Address Suite 423, Charleston National Plaza Address Suite 423, Charleston National Plaza  
Charleston, W. Va. 25301 Charleston, W. Va. 25301
- 7) OIL & GAS ROYALTY OWNER North Hills Group, Inc. 12) COAL OPERATOR New River Company  
 Address c/o R. E. Kelly, Jr. Address P. O. Box 711  
114 E. Main St., Oak Hill, WV 25901 Mt. Hope, WV 25888  
 Acreage 3624
- 8) SURFACE OWNER North Hills Group, Inc. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address (Same as above) Name North Hills Group, Inc.  
 Address (Same as above)
- 9) FIELD SALE (IF MADE) TO: Name New River Company  
 Address P. O. Box 711  
N/A Mt. Hope, WV 25888
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name D. Craig Duckworth  
 Address P. O. Box 454 Mt. Lookout, WV 26041 Address P. O. Box 711  
Mt. Hope, WV 25888
- 15) PROPOSED WORK: Drill X / Drill deeper            / Redrill            / Fracture or stimulate X  
 Plug off old formation            / Perforate new formation             
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Weir
- 17) Estimated depth of completed well, 2757 feet
- 18) Approximate water strata depths: Fresh, 50 feet; salt, 500 feet.
- 19) Approximate coal seam depths:            Is coal being mined in the area? Yes            / No X

RECEIVED  
SEP 30 1982  
OIL & GAS DIVISION  
DEPT. OF MINES

20) 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	13-3/8	H-40	45.0#	X		30'	30'	To surface		Kinds
Fresh water										
Coal	9-5/8	H-40	36.0#	X		661'	661'	To surface		Sizes
Intermediate	7	H-40	17.0#	X		1433'	1433'	150 sacks at		req. Rule 15.01
Production	4-1/2	J-55	9.5#	X		2760'	2760'	300 sacks		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

- 21) EXTRACTION RIGHTS  
 Check and provide one of the following:  
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.  
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes  No
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.

Notary: [Signature] Signed: [Signature]  
 My Commission Expires June 30, 1971 Its: [Signature]

OFFICE USE ONLY  
**DRILLING PERMIT**  
 Permit number 47-019-0508 Date October 15, 1982

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. 10) 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.)

Permit expires June 15, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>M.Y.</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>1808</u>
----------------------	--------------------	--------------------------	----------------------------	------------------

Administrator, Office of Oil and Gas





WR-35  
Rev (5-01)

DATE: 6/30/08  
API #: 47-019-00508

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: North Hills Operator Well No.: #1-A

LOCATION: Elevation: 1985 Quadrangle: Beckwith

District: Plateau County: Fayette  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Danny Webb Construction, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 267 Lochgelly, WV 25866	13 - 10"	15	15	3 sks. CTS
Agent: Danny Webb	9 5/8"	672	672	200 sks CTS
Inspector: Rod Dillon	7	1430	1430	240 sks CTS
Date Permit Issued: 12/14/06	4 1/2"	2776	2776	380 sks CTS
Date Well Work Commenced: 1/2/07	2 "	2600	2600	
Date Well Work Completed: 1/4/07				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet):				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				

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Office of Oil & Gas  
JUL 21 2008  
WV Department of  
Environmental Protection

OPEN FLOW DATA

Producing formation Weir Pay zone depth (ft) 2757  
Gas: Initial open flow 2806 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 50 MCF/d Final open flow 500 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d 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.

Signed: Danny Webb  
By: Danny Webb  
Date: 6/30/08

AUG 01 2008

FAY 0508

Drill out cement plug at surface drill cement from 1449' to 1645'. Drill CIBP at 1645' and clean out to 2806 (TD). Run 1100' of 4 1/2' casing tie into existing casing CTS with 140 sacks of cement run 2 3/8" tubing and packer and set at 2600'.

### WELL LOG

Sand and shale	0	1000
Shale	1000	1012
Sand	1012	1150
Shale	1150	1542
Ravencliff	1542	1608
Shale	1608	2083
Sand	2083	2126
Shale	2126	2145
Little Lime	2145	2210
Pencil Cave	2210	2250
Big Lime	2250	2568
Shale	2568	2650
Weir	2650	2722
Slate	2722	2806
TD	2806	