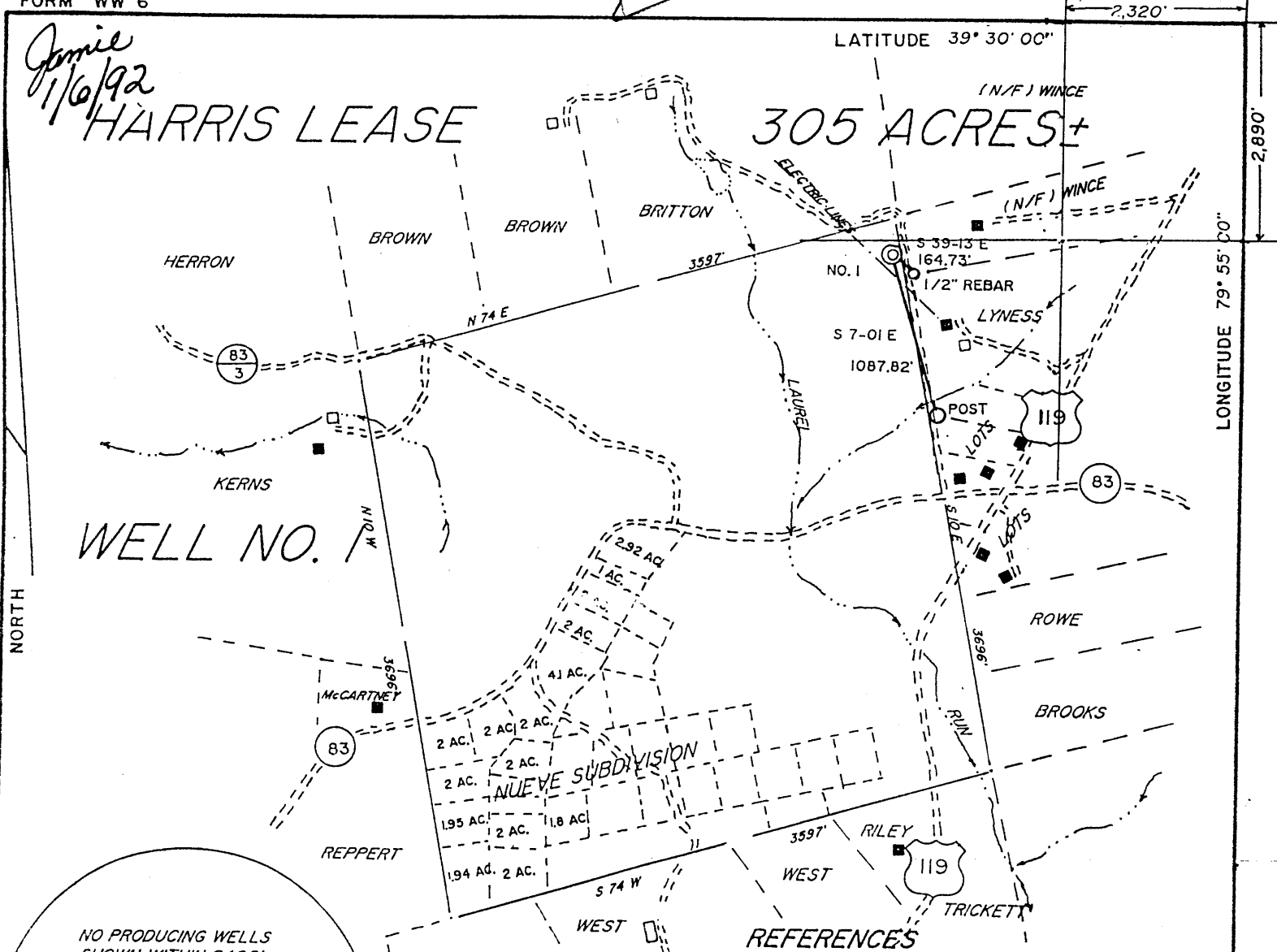


Janie
1/6/92
HARRIS LEASE

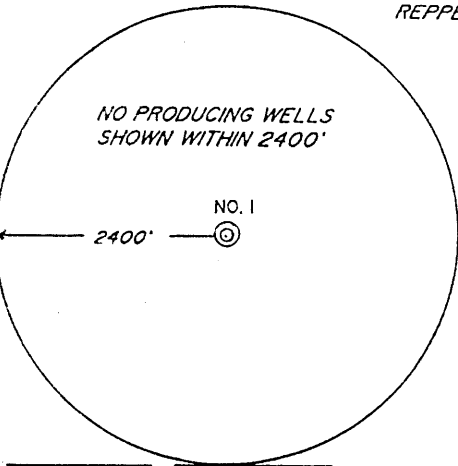
LATITUDE 39° 30' 00"

305 ACRES

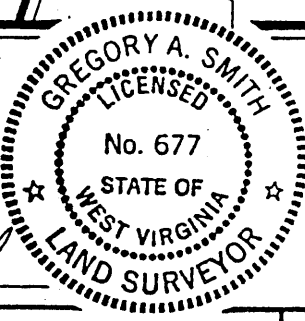


WELL NO. 1

NO PRODUCING WELLS SHOWN WITHIN 2400'



REFERENCES



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

DATE DECEMBER 30, 19 91
OPERATORS WELL NO. HARRIS NO. 1

API WELL NO. 47 - 001 - 1050
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2781 (38-58)
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1911' SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1942' WATERSHED LAUREL RUN

DISTRICT CLINTON COUNTY MONONGALIA QUADRANGLE GLADESVILLE 7.5'

SURFACE OWNER NUEVE LTD. ACREAGE 269.29
ROYALTY OWNER JACOB G. HARRIS HEIRS ET. AL. LEASE ACREAGE 269.29 OF 305

PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION SPEECHLEY
ESTIMATED DEPTH 3300'

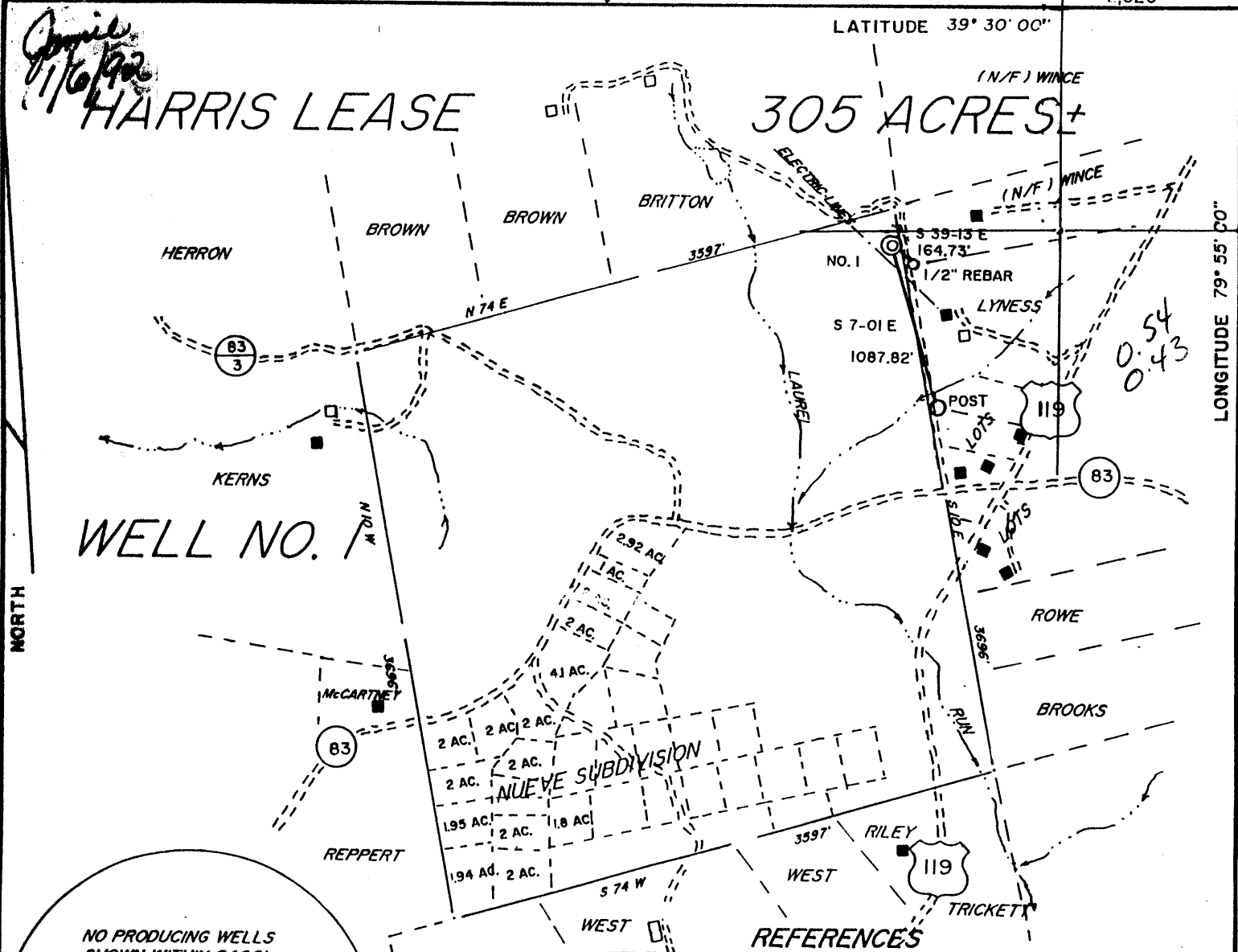
WELL OPERATOR ANVIL OIL CO. Inc. DESIGNATED AGENT JUSTIN HENDERSON
ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

COUNTY NAME **MONONG**
PERMIT **1050 P**

Amil 1/16/92

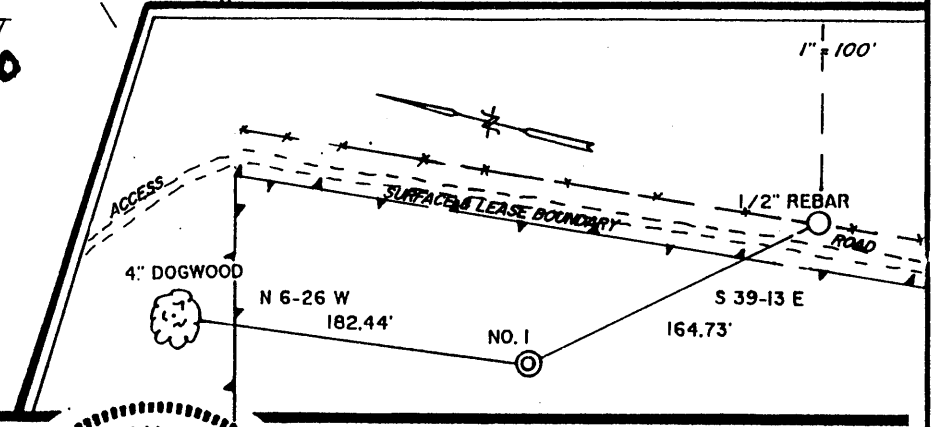
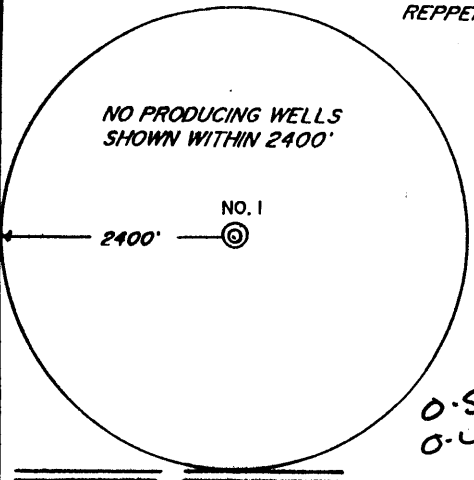
HARRIS LEASE

305 ACRES+

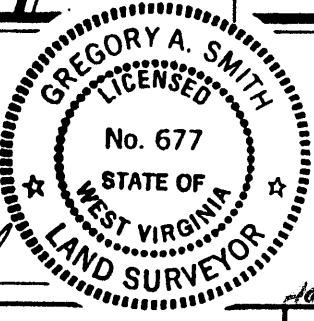


WELL NO. 1

*0.54
0.43*



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.




L.L.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE DECEMBER 30, 19 91
 OPERATORS WELL NO. HARRIS NO. 1
 API WELL NO. 47 - 061 - 1050
 STATE COUNTY PERMIT
according to records drilled 1-23-92

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2781 (38-58)
 SCALE 1" = 1000'
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1911'

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



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

LOCATION: ELEVATION 1942' WATERSHED LAUREL RUN
 DISTRICT CLINTON 4 COUNTY MONONGALIA QUADRANGLE GLADESVILLE 7.5'

SURFACE OWNER NUEVE LTD. ACREAGE 269.29 Thornton
 ROYALTY OWNER JACOB G. HARRIS HEIRS ET. AL. LEASE ACREAGE 269.29 OF 305

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION SPEECHLEY
 ESTIMATED DEPTH 3300'

WELL OPERATOR ANVIL OIL CO. Inc. DESIGNATED AGENT JUSTIN HENDERSON
 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230 ADDRESS P.O. BOX 1230 FAIRMONT, WV 26554-1230

COUNTY NAME PERMIT

575

RECEIVED
Office of Oil & Gas
APR 28 92
WV Division of
Environmental Protection

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

Reviewed TMG
Recorded _____

Well Operator's Report of Well Work

Farm name: NUEVE LTD.

Operator Well No.: HARRIS 1

LOCATION: Elevation: 1942.00 Quadrangle: GLADESVILLE

District: CLINTON County: MONONGALIA
Latitude: 2890 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 2320 Feet West of 79 Deg. 55 Min. 0 Sec.

Company: ANVIL OIL CO., INC.
2099 PLEASANT VALLEY ROAD
FAIRMONT, WV 26554-1230

Agent: JUSTIN L. HENDERSON

Inspector: DONALD ELLIS
Permit Issued: 01/06/92
Well work Commenced: 01/18/92
Well work Completed: 01/23/92
Verbal Plugging _____
Permission granted on: _____
Rotary XX Cable _____ Rig _____
Total Depth (feet) 2855
Fresh water depths (ft) 14' ; 205

~~Salt water depths~~ (ft) None

Is coal being mined in area (Y/N)?
Coal Depths (ft): 14' ; 205

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. |
|----------------------|------------------|--------------|------------------------|
| 11 3/4 | 22 | 0 | -- |
| 8 5/8 | 612 | 612 | 125sks |
| 4 1/2 | 2836 | 2836 | 240sks |

OPEN FLOW DATA

Producing formation Balltown; Speechley Pay zone depth (ft) 2558-2780
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow **115 MCF/d Final open flow Show Bbl/d
~~Time of open flow between initial and final tests~~ 120 Hours
Static rock Pressure 450 psig (surface pressure) after 72 Hours

Second producing formation Bayard; Elizabeth Pay zone depth (ft) _____
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow **115 MCF/d Final open flow Show Bbl/d
~~Time of open flow between initial and final tests~~ 120 Hours
Static rock Pressure 450 psig (surface pressure) after 72 Hours

** All zones are commingled

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.

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Environmental Protection
MAR 30 92
Permitting
Office of Oil & Gas

For: ANVIL OIL CO., INC.
By: Justin L. Henderson
Date: 3/26/92

47-61-1332

- 1). Balltown and Speechley 2558-2780 (14): 50sks 80/100;450sks 20/40
- 2). Bayard and Elizabeth 1924-2128 (15): 50sks 80/100;500sks 30/40
- 3.) Lower Fourth Sand 1832-1836 (6) : 50sks 80/100;300sks 20/40

| | |
|-------------------|-------------|
| Sand and Shale | 0 - 14 |
| Coal | 14 - 15 |
| Sand and Shale | 15 - 26 |
| Sand | 26 - 71 |
| Sand and Shale | 71 - 205 |
| Coal | 205 - 208 |
| Sand and Shale | 208 - 505 |
| Red Rock | 505 - 538 |
| Sand and Shale | 538 - 650 |
| Lime | 650 - 665 |
| Shale | 665 - 670 |
| Big Lime | 670 - 778 |
| Big Injun | 778 - 880 |
| Shale | 880 - 960 |
| Weir | 960 - 1055 |
| Shale | 1055 - 1215 |
| Sand | 1215 - 1235 |
| Shale | 1235 - 1288 |
| Fifty Foot | 1288 - 1390 |
| Shales | 1390 - 1500 |
| Gordan | 1500 - 1512 |
| Sand & Shale | 1512 - 1720 |
| Fourth sand | 1720 - 1800 |
| Shale | 1800 - 1830 |
| Lower fourth sand | 1830 - 1840 |
| Shale | 1840 - 1870 |
| Fifth sand | 1870 - 1906 |
| Shales | 1906 - 1922 |
| Bayards | 1922 - 1990 |
| Shales | 1990 - 2104 |
| Elizabeth | 2104 - 2135 |
| Shales | 2135 - 2550 |
| Speechley | 2550 - 2572 |
| Shale | 2572 - 2770 |
| Balltown | 2770 - 2785 |
| Shales | 2785 - T.D. |
| T.D. | 2855 |

1/4" Stream water at 14'

1/2" Stream water at 26'

Gas cke 950 no show

Gas chk at TD - no show

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WV Division of
Environmental Protection

MAR 3 0 92

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Office of Oil & Gas

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Environmental Protection

MAR 3 1992

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Office of Oil & Gas

13083

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

- 1) Well Operator: Anvil Oil and Gas Company 2275 (4) 368
- 2) Operator's Well Number: 47-061- 3) Elevation: 1942
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Speechley
- 6) Proposed Total Depth: 3300 feet
- 7) Approximate fresh water strata depths: 203
- 8) Approximate salt water depths: NONE
- 9) Approximate coal seam depths: 203
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work:
- 12)

CASING AND TUBING PROGRAM

13083

| TYPE | SPECIFICATIONS | | | FOOTAGE INTERVALS | | CEMENT |
|--------------|----------------|-------|----------------|-------------------|--------------|-------------------|
| | Size | Grade | Weight per ft. | For drilling | Left in well | Fill-up (cu. ft.) |
| Conductor | 11 3/4 | API | 60 | 40 | 40 | |
| Fresh Water | | | | | | |
| Coal | 8 5/8 | ERW | 42 | 750 | 750 | To surface |
| Intermediate | | | | | | |
| Production | 4 1/2 | J-55 | 10.5 | 3200 | 3200 | 200sls |
| Tubing | | | | | | |
| Liners | | | | | | |

PACKERS : Kind _____
 Sizes _____
 Depths set _____

235
31 For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond _____ Agent
 (Type)

1) Date: December 17, 1991
2) Operator's well number
Harris # 1
3) API Well No: 47 - 061 - 1050
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Nueve, LTD
Address P.O. Box 842
Morgantown, WV 26505
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Donald Ellis
Address 2604 Crab Apple Lane
Fairmont, WV 26554
Telephone (304)-366-5880

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name _____
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
_____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
_____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator Amvil Oil and Gas Co., INC
By: Justin Henderson
Its: President
Address P.O. Box 1230
Fairmont, WV 26554
Telephone 304-363-1362

Subscribed and sworn before me this 31st day of December, 1991

My commission expires 7/5/2000 E. DeKoning Notary Public

WR-38
22-Jul-98

API # 47- 61-01050-P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: NUEVE LIMITED Operator Well No.: HARRIS #1

LOCATION: Elevation: 1,942.00 Quadrangle: GLADESVILLE
District: CLINTON County: MONONGALIA
Latitude: 2890 Feet South of 39 Deg. 30 Min. 0 Sec.
Longitude 2320 Feet West of 79 Deg. 55 Min. 0 Sec.

Well Type: OIL _____ GAS x

Company: Pardee Exploration Company
300 Capitol Street-Suite 910
Charleston, WV 25301

Coal Operator _____
or Owner _____

Agent: Jeffrey A. Brown

Coal Operator _____
or Owner _____

Permit Issued: 07/22/98

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Monongalia ss:

Robert L. Wharton and Don Elmer being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Randal Mick Oil and Gas Inspector representing the Director, say that said work was commenced on the 24th day of July, 1998, and that the well was plugged and filled in the following manner:

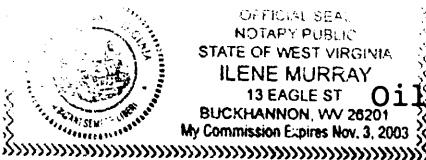
| TYPE | FROM | TO | PIPE REMOVED | LEFT |
|--------|------|------|-----------------|------|
| Cement | 2800 | 2500 | 1450' of 4 1/2" | 1386 |
| Gel | 2500 | 2175 | | |
| Cement | 2175 | 1775 | 8 5/8" | 600 |
| Gel | 1775 | 1450 | | |
| Cement | 1450 | 1350 | | |
| Gel | 1350 | 750 | | |
| Cement | 750 | 630 | | |
| Gel | 630 | 0 | open | |

Description of monument: 6" pipe vented, 2" pipe elbow 46" high and that the work of plugging and filling said well was completed on the 10 day of August, 1998.

And further deponents saith not.

Sworn and subscribe before me this 10th day of August, 1998
My commission expires: 11-03-03

R L Wharton
Don Elmer
Ilene Murray
Notary Public
Randy Mick



Oil and Gas Inspector: