

Jamil
4/2/93

0.048 S
2.12 W

7 1/2'

Robert Neal
1 ec.

fence corner
(fd. 1" pipe)

(fd. 1" pipe)

S76-30W
677'

S21-55E 627'

1097-P
(061)

S29-50W 853'

Location
A - 1949

S35-54W 356'

Arden Brown
67.21 ec.

Paul Neal
5 ec.

Lemuel Hornbeck
30.63 ec.

stk. 1099.0

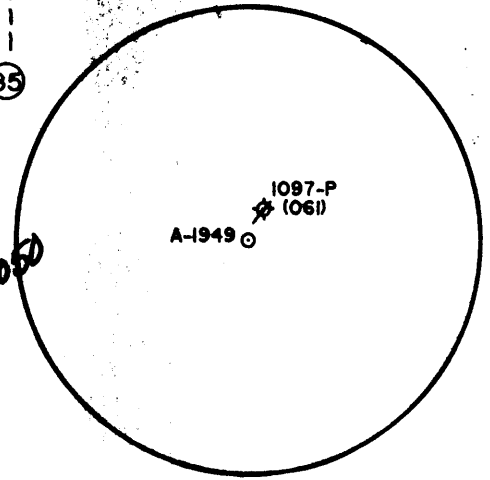
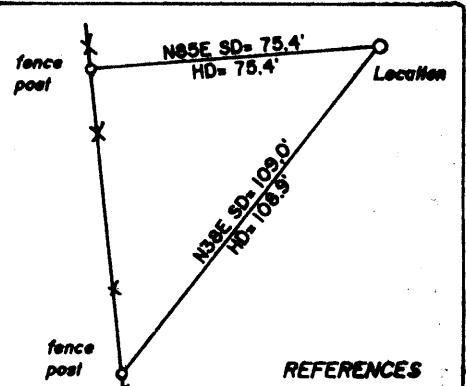
S12-50E 69.7'

John Shay
73 ec.

Ralph Neal
17.486 ec.

NORTH

LONGITUDE 79-52-30 W

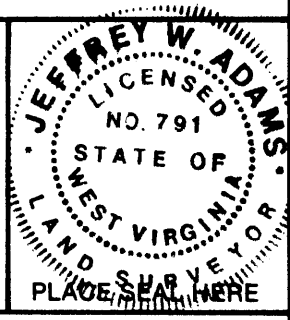


2.12 S
4.35 W

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road intersection 1000'
NE of Location: elev. 1988'

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.
 (SIGNED) Jeffrey W. Adams
 R.P.E. _____ L.L.S. 791



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE March 31, 19 93
 OPERATOR'S WELL NO. A-1949
 API WELL NO. 47-061-1099
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 2121 WATER SHED Boyd Run
 DISTRICT Clinton 4 COUNTY Monongalia
 QUADRANGLE Gladesville 7 1/2' Thornton NC

SURFACE OWNER Ralph D. Neal ACREAGE 21.334
 OIL & GAS ROYALTY OWNER Ralph D. Neal LEASE ACREAGE 22
 LEASE NO. 4172

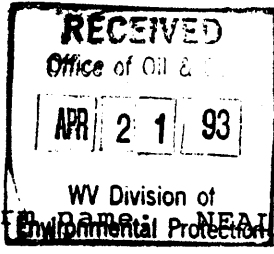
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION Speechly/Balltown ESTIMATED DEPTH 3000
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

FORM WW-6

COUNTY NAME

PERMIT



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

Well Operator's Report of Well Work

Face of NEAL, RALPH D. & MARGO Operator Well No.: NEAL A-1949

LOCATION: Elevation: 2,121.00 Quadrangle: GLADESVILLE

District: CLINTON County: MONONGALIA
Latitude: 2600 Feet South of 39 Deg. 30Min. Sec.
Longitude 11200 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: ALAMCO, INC.
200 W. MAIN ST., P.O. BOX 1740
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 04/02/93
Well work Commenced: 04/02/93
Well work Completed: 04/17/93

Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 2005' DRL T.D.
Fresh water depths (ft) 103

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 103

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	40'		
8 5/8"	835.75'	835.75'	To Surface
4 1/2"		1978.55'	150 sks. 194 Cu Ft.

OPEN FLOW DATA

Producing formation 4th Sand Pay zone depth (ft) 1838'-1888'
Gas: Initial open flow 169 MCF/d Oil: Initial open flow - Bbl/d
Final open flow No Test MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests - Hours
Static rock Pressure No Test 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.

Reviewed TM6
Recorded _____

For: ALAMCO, INC.
By: [Signature] Richard R. Hoffman
Date: 4/17/93

0	103	SD/SH
103	108	Coal
108	391	SD/SH
391	521	SC
521	730	SH/SD/Red Rock
730	747	Lime
747	775	SH
775	842	Big Lime
842	942	Big Injun
942	1006	Squaw
1006	1058	SH
1058	1165	Weir
1165	1285	SH
1285	1297	Gantz
1297	1318	SH
1318	1336	50'
1336	1836	SD/SH
1836	1891	4th Sand
1891	1999	SH/SD
1999		Log TD

1/2" H₂O @ 103' KB

Coal: 103' - 108'

Gas Check @ 700' KB = N/S
 Gas Check @ 750' KB = N/S
 Gas Check @ 867' KB = N/S
 Gas Check @ 966' KB = N/S
 Gas Check @ 1122' KB = N/S
 Gas Check @ 1216' KB = N/S
 Gas Check @ 1308' KB = N/S
 Gas Check @ 1370' KB = N/S
 Gas Check @ 1495' KB = Odor
 Gas Check @ 1621' KB = N/S
 Gas Check @ 1838' KB = N/S
 Gas Check @ 1870' KB = 8/102" H₂O
 Gas Check @ 1901' KB = 16/102" H₂O
 Drl. T.D. 2005' = 16/102" H₂O

17053-

17055

RECEIVED

WV Division of Environmental Protection

APR 02 93

FORM WW-2B

Permitting Office of Oil & Gas

061-1099 Issued 4/02/93 Expires 4/02/95 Page 3 of 9

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

- 1) Well Operator: ALAMCO, INC. (975) (4) 368
2) Operator's Well Number NEAL A-1949 3) Elevation: 2121
4) Well type: (a) OIL / or GAS XX / (b) If Gas: Production XX / Deep / Shallow XX /
5) Proposed Target Formation(s): 4th Sand 421
6) Proposed Total Depth: 2,100 feet
7) Approximate fresh water strata depths: NONE
8) Approximate salt water depths: NONE
9) Approximate coal seam depths: NONE
10) Does land contain coal seams tributary to active mine? Yes / No XX
11) Proposed Well Work: SEE ATTACHED
12) CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS, FOOTAGE INTERVALS, CEMENT. Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS: Kind NONE Sizes -- Depths Set --

For Division of Oil and Gas Use Only Fee(s) paid: Well Work Permit Reclamation Fund WPCP Plat WW-9 WW-2B Bond Blanket Agent

RECEIVED

WV Division of Environmental Protection

APR 02 93

Permitting Office of Oil & Gas

Page 1 of 9 Form WW2-A (10-91)

1) Date: March 29, 1993
2) Operator's well number NEAL (A-1949)
3) API Well No: 47 - 061 - 1099 State - County - Permit

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: (a) Name Ralph D. & Margo Neal Address 1415 Yeardley Drive Richmond, VA 23225
(b) Name Address
(c) Name Address
6) Inspector Randall Mick Address 111 Blackshere Drive Mannington, WV 26582 Telephone (304)- 987-3324

5) (a) Coal Operator: Name NONE OF RECORD Address
(b) Coal Owner(s) with Declaration Name Ralph D. & Margo Neal Address 1415 Yeardley Drive Richmond, VA 23225 Name Address
(c) Coal Lessee with Declaration Name NONE OF RECORD 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

XX 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 8 on the above named parties, by:

- Personal Service (Affidavit attached)
XX 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 ATAMCO, INC.
By: [Signature]
Its: Manager, Land
Address P. O. Box 1740 Clarksburg, WV 26302-1740
Telephone 673-6671

Subscribed and sworn before me this 29th day of March, 1993

[Signature] Notary Public
My commission expires December 9, 2002