

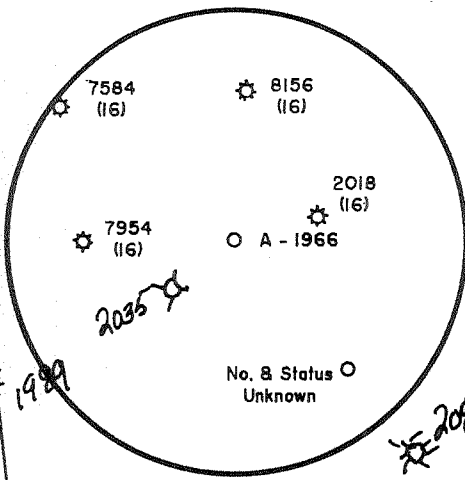
6,225

LATITUDE 39-07-30 N

LONGITUDE 80-50-00 W

Jamil
7/26/93

0-355
1-18W



NORTH

1989

2082

Simmons
43.01 ac.

Locke
167.56 ac.

Garrison
24 ac.

Garrison
60.07 ac.

Matthews
37 ac.

Eagan
243.83 ac.

stone & dogwood

chestnut
stump

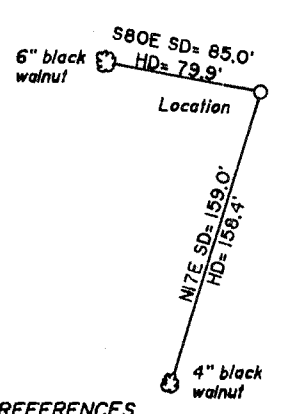
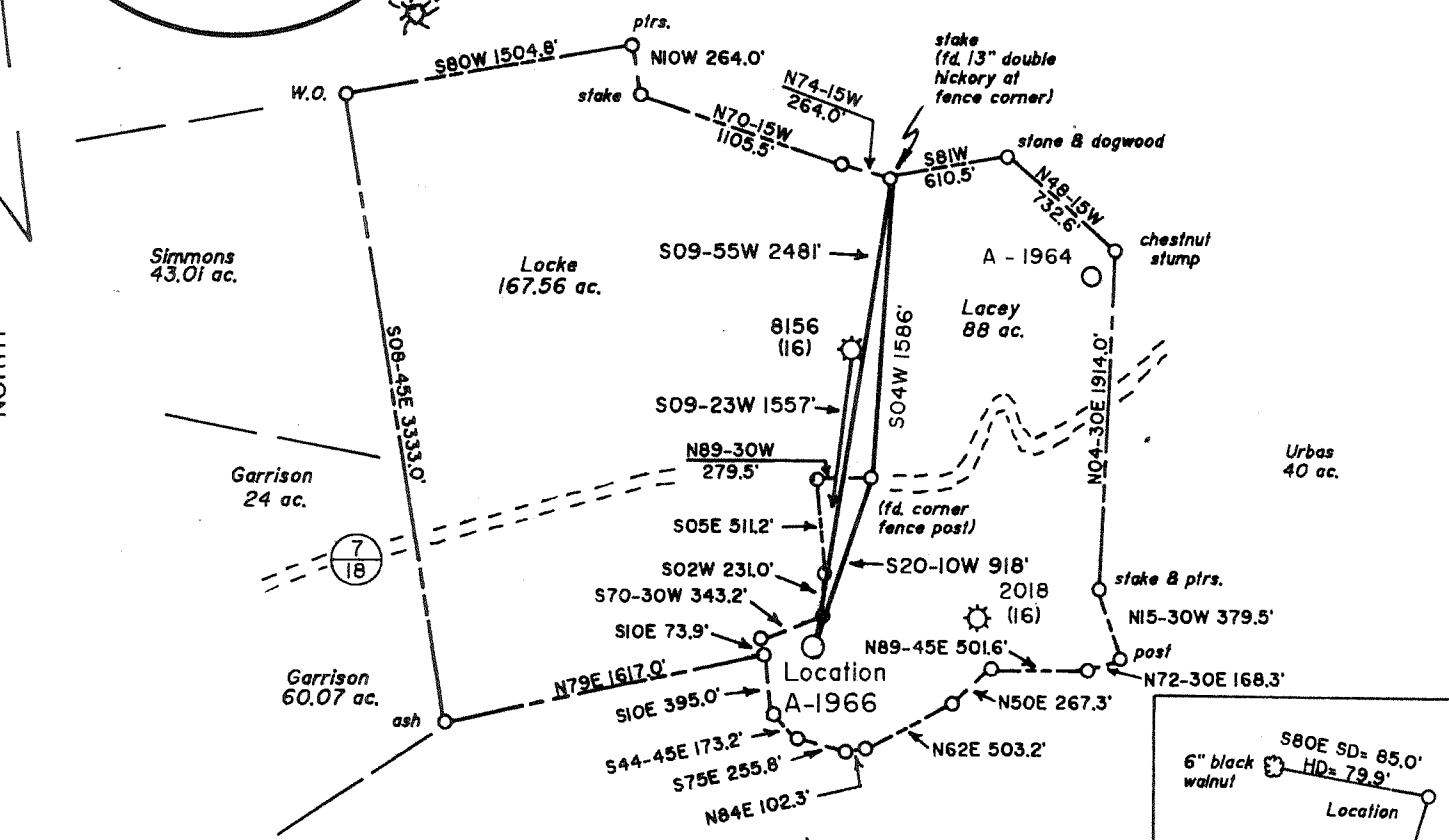
Lacey
88 ac.

Urbas
40 ac.

H.Hall
204.58 ac.

G.Hall
100 ac.

3.235
1-18W

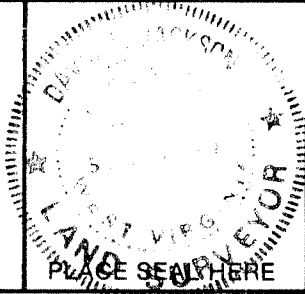


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road juncton 4,400'
NE of Location; elev. 1210'

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) David G. Jackson
 R.P.E. _____ L.L.S. 708



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

DATE July 21, 19 93
 OPERATOR'S WELL NO. A-1966
 API WELL NO. _____

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

LOCATION: ELEVATION 1093 WATER SHED Brushy Fork
 DISTRICT Union COUNTY Ritchie
 QUADRANGLE Auburn 7 1/2' Walbrook C

SURFACE OWNER Linda C. Lacey ACREAGE 88
 OIL & GAS ROYALTY OWNER Russell L. Locke, et al LEASE ACREAGE 255
 LEASE NO. L-92

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 ___

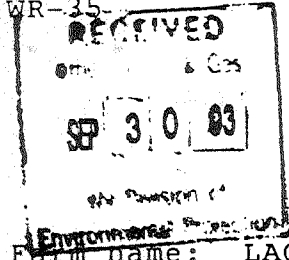
TARGET FORMATION Weir ESTIMATED DEPTH 2600
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

JUL 30 1993

COUNTY NAME

PERMIT

6-6 Auburn (132)



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

Well Operator's Report of Well Work

Farm name: LACEY, LINDA C. Operator Well No.: A-1966 (LOCKE)

LOCATION: Elevation: 1,093.00 Quadrangle: AUBURN

District: UNION County: RITCHIE
Latitude: 18258 Feet South of 39 Deg. 7 Min. 30 Sec.
Longitude 6225 Feet West of 80 Deg. 50 Min. Sec.

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

Agent: MARTY L. PERRI

Inspector: SAM HERSMAN
Permit Issued: 07/26/93
Well work Commenced: 08/03/93
Well work Completed: 08/17/93
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 2,561' Drlg.
Fresh water depths (ft) 12'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4	35'	35'	
8-5/8	967'	967'	260 Sks 307 Ft.
4-1/2		2544.65	275 Sks 355 Ft.

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

OPEN FLOW DATA

Producing formation Weir Pay zone depth (ft) 2190-2301'
Gas: Initial open flow 30 MCF/d Oil: Initial open flow - Bbl/d
Final open flow 60 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 640 psig (surface pressure) after 72 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.

For: ALAMCO, INC.

Reviewed TM6
Recorded _____

By: [Signature] Richard R. Hoffman
Date: _____

Formations: 0-978' from Drillers Log Book - 978' to 2569' from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	84	SD	<u>Water:</u> 1-1/2" Str. @ 12'	
84	141	SH	<u>Coal:</u> None	
141	246	SD	<u>Oil:</u> None	
246	588	SH & RR	<u>Gas Checks:</u>	
588	664	SD	1692'	N/S
664	790	SH & RR	1748'	N/S
790	884	Lime & Sand	1848'	N/S
884	978	Sand	1941'	N/S
978	1208	SD & SH	2034'	36 MCF
1208	1254	SD	2315'	30 MCF
1254	1616	SD & SH	2561'	30 MCF
1616	1660	SD	@ Collars	30 MCF
1660	1868	SH & SD	<u>Perforations:</u>	
1868	1918	Big Lime	08/17/93 (2190' - 2301')	
1918	2042	Big Injun	16 Holes	
2042	2185	SH	<u>Frac:</u>	
2185	2315	Weir	Weir WF20 W/N2 Assist	
2315	2569	SH	40,000# 20/40 Sand;	
2569	2569	TD Log	691 BBLs; 92,000 N2	

DF = 372
DFT = 387

RECEIVED

WV Division of Environmental Protection

FORM WW-2B

JUL 26 93

085-8160

Issued 7/26/93

Expires 7/26/95

Page 3 of 10

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

Well Operator: ALAMCO, INC. (975) (4) 224

Operator's Well Number A-1966 (LOCKE) 3) Elevation: 1,093'

Well type: (a) OIL / or GAS XX / (b) If Gas: Production XX / Underground Storage / Deep / Shallow XX /

Proposed Target Formation(s): Weir 387

Proposed Total Depth: 2,700 feet

Approximate fresh water strata depths: 205'

Approximate salt water depths: NONE

Approximate coal seam depths: NONE

Does land contain coal seams tributary to active mine? Yes / No XX /

Proposed Well Work: SEE ATTACHED

CASING AND TUBING PROGRAM

New Well

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

Table with 7 columns: TYPE, SIZE, GRADE, WEIGHT PER FT., FOR DRILLING, LEFT IN WELL, FILL-UP (Cu. Ft.). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

Checkers: 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 Agent

1) Date: July 22, 1993
2) Operator's well number
A-1966 (Locke)
3) API Well No: 47 - 085 - 8160
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 Linda C. Lacey
Address Route 1, Box 29
Auburn, WV 26362
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Samuel Hersman
Address Route 1, Box 240
Harrisville, WV 26362
Telephone (304)- 628-3185

5) (a) Coal Operator:
Name NONE OF DECLARATION
Address _____
(b) Coal Owner(s) with Declaration
Name Russell L. Locke
Address 129 West 4th St. Apt-4
Weston, WV 26452
Name Aleen Sigler O'Neal, Agent
Address J. B. Gribble Heirs
919 Pearl Street
(c) Coal Operator with Declaration
Name NONE OF DECLARATION
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 9 on the above named parties, by:

- XX 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 ALAMCO, INC.
By: Marty Reed
Its: _____ Manager, Land
Address _____ P. O. Box 140
Clarksburg, WV 26302-1740
Telephone 304 623-6671

Subscribed and sworn before me this 22nd day of July, 1993

Elsie M. Cox Notary Public
My commission expires December 9, 2002