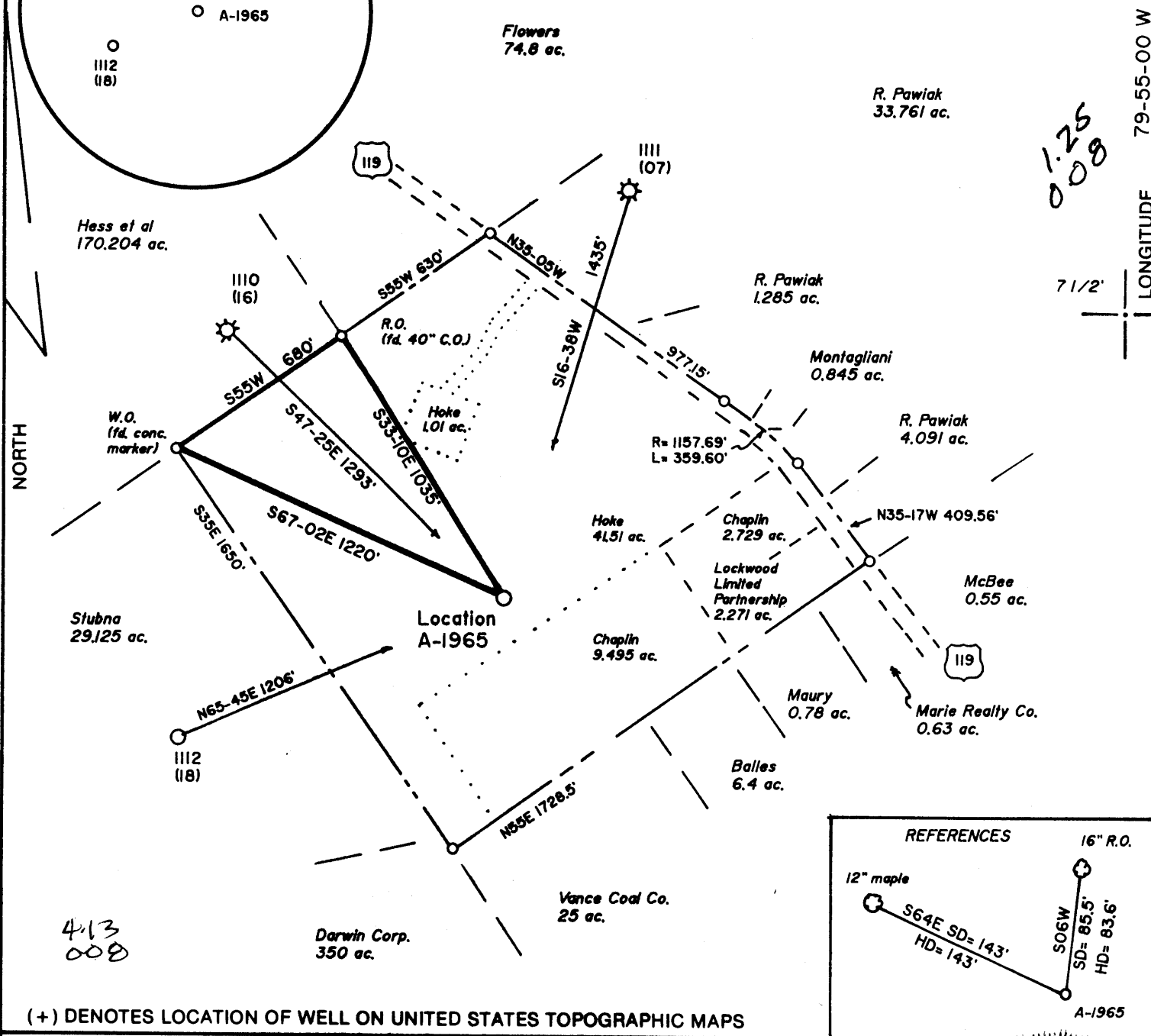
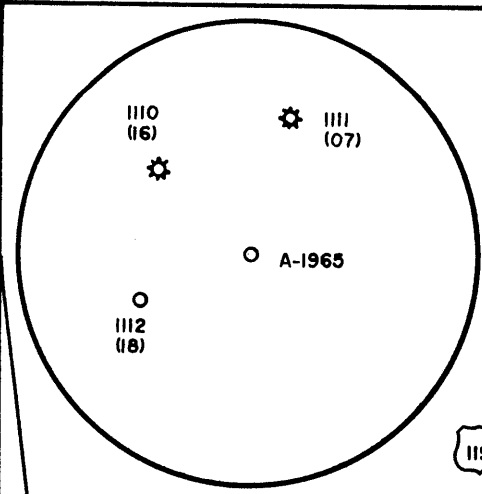


LEGEND

- surface tract within lease
- exception from lease

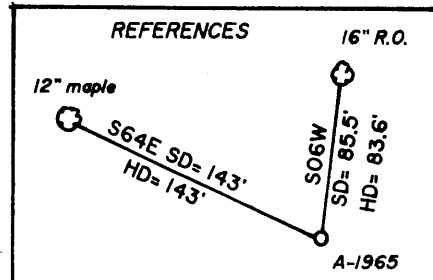


1.25
0.08

7 1/2'

LONGITUDE 79-55-00 W

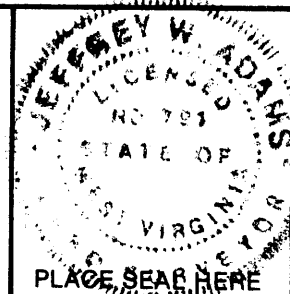
NORTH



(+) 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 junction 2,100'
NW of Location: elev. 1873'

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 D. Adams
 R.P.E. _____ L.L.S. 791



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



DATE July 14, 19 93
 OPERATOR'S WELL NO. A-1965
 API WELL NO. _____

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

LOCATION: ELEVATION 1990 WATER SHED Owl Creek
 DISTRICT Clinton COUNTY Monongalia

QUADRANGLE Morgantown South 7 1/2'
 SURFACE OWNER Conrad V. & Sandra K. Hoke ACREAGE 4.51
 OIL & GAS ROYALTY OWNER Conrad V. & Sandra K. Hoke LEASE ACREAGE 53
 LEASE NO. 4645

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 4th Sand ESTIMATED DEPTH 2300

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

JUL 20 1993

6-6-313

MAY 02 1995

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

WV Division of
Environmental Protection

Well Operator's Report of Well Work

Farm name: HOKE, CONRAD & SANDRA Operator Well No.: A-1965 (HOKE)

LOCATION: Elevation: 1,990.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA
Latitude: 6525 Feet South of 39 Deg. 32Min. 30 Sec.
Longitude 500 Feet West of 79 Deg. 55 Min. 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: 07/26/93
Well work Commenced: 09/23/94
Well work Completed: 04/19/95
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 2016
Fresh water depths (ft) 88

Salt water depths (ft) 1290

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
1-3/4"	35'	0'	None
8-5/8"	663'	663'	To surface
4-1/2"	0'	1996'	175 sx. 226 cu. ft

OPEN FLOW DATA

Producing formation Fourth Sand Pay zone depth (ft) 1800-1853
Gas: Initial open flow 12 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 267 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 360 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

By: [Signature]
Date: 4/26/95

MAY 1995

Formations: 0-663' from Drillers Log Book - 663' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	3	Fill	<u>Water:</u> 88' - 1-1/2" stream	
3	88	SD & SH	1290' - Damp	
88	99	RR & SH	<u>Coal:</u> None	
99	330	SD	<u>Oil:</u> None	
330	350	RR & SH	<u>Gas Checks:</u>	
350	414	SD & SH	749'	N/S
414	462	SD	935'	N/S
462	567	SD & SH	1028'	N/S
567	652	SD & SH	1151'	N/S
652	663	LM & SD	1552'	N/S
663	690	SD & SH	1583'	N/S
690	770	Big Lime	1768'	N/S
770	804	Keener	1862'	12 MCF/D
804	815	SH	2016'	11 MCF/D
815	927	Big Injun	<u>Treatment and Perforations:</u>	
927	1030	SD & SH	Stimulation: 04/19/95	
1030	1120	Weir	Perforations: (1818-1838')	
1120	1244	SD & SH	11 Holes	
1244	1297	Gantz/50'	Frac: WF-20,	
1297	1571	SD & SH	28,000# 20/40 Sand,	
1571	1580	Gordon	525 BBLs.	
1580	1800	SD & SH		
1800	1853	Fourth		
1853	1875	SH		
1875	1898	Fifth		
1898	2014	SD & SH		
	1026	Driller TD		
	2014	Logger TD		

RECEIVED

WV Division of Environmental Protection

JUL 22 1993

Permitting Office of Oil & Gas

FORM WW-2B

Page 3 of 11

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

061-1114 Issued 7/26/93 Expires 7/26/95

17683

- 1) Well Operator: ALAMCO, INC. (975) 4 485
2) Operator's Well Number A-1965 (HOKE) 3) Elevation: 1990'
4) Well type: (a) OIL / or GAS XX / (b) If Gas: Production XX / Underground Storage / Deep / Shallow XX /
5) Proposed Target Formation(s): Fourth Sand 421
6) Proposed Total Depth: 2300 feet
7) Approximate fresh water strata depths: None
8) Approximate salt water depths: None
9) Approximate coal seam depths: 69-75

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.

ACKERS: 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 Lc Agent

- 1) Date: July 16, 1993
- 2) Operator's well number A-1965 (HOKE)
- 3) API Well No: 47 - 061 - 1114
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Conrad V. Hoke & Sandra K. Hoke</u>
Address <u>Route 9, Box 91-C</u>
<u>Morgantown, WV 26505</u></p> <p>(b) Name <u>Hazel M. Blosser</u>
Address <u>Route 9, Box 93</u>
<u>Morgantown, WV 26505</u></p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:
Name <u>None of Declaration</u>
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>Conrad V. Hoke & Sandra K. Hoke</u>
Address <u>Route 9, Box 91-C</u>
<u>Morgantown, WV 26505</u></p> <p>Name <u>Hazel M. Blosser</u>
Address <u>Route 9, Box 93</u>
<u>Morgantown, WV 26505</u></p> <p>(c) Coal Lessee with Declaration
Name <u>None of Declaration</u>
Address _____</p> |
| <p>6) Inspector <u>Randal Mick</u>
Address <u>111 Blackshere Drive</u>
<u>Mannington, WV 26582</u>
Telephone <u>(304)- 986-3324</u></p> | |

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 11 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: [Signature]
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623-6671

Subscribed and sworn before me this 16th day of July, 1993

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