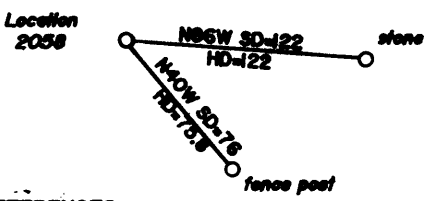
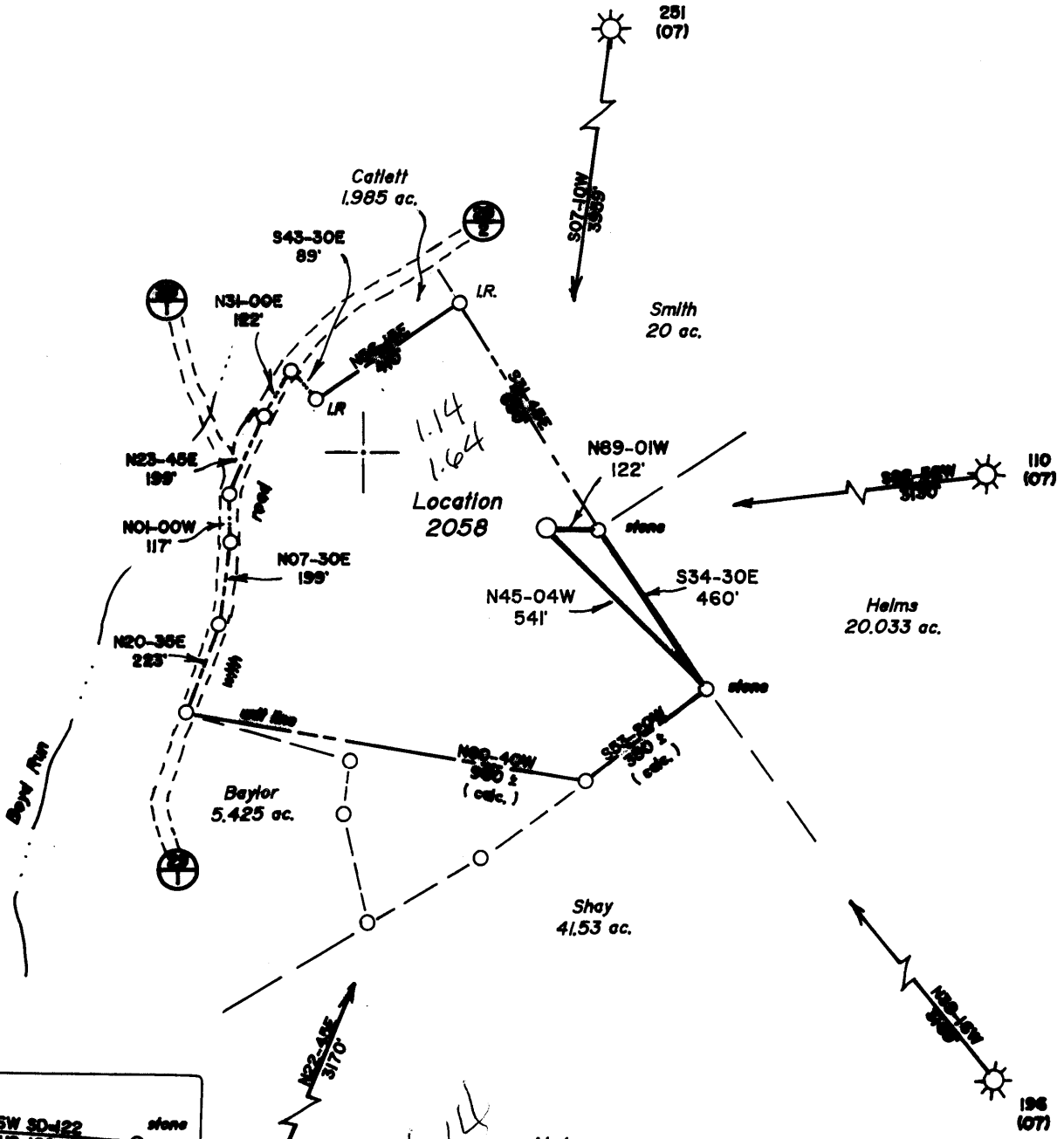


Janice
1/30/96

NORTH

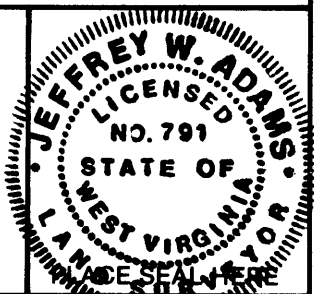


REFERENCES

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Int. 800'
West of Location; elev 1716'

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 January 2 1996
 OPERATOR'S WELL NO. 2058
 API WELL NO. 47 077 00294
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1802 WATER SHED Boyd Run
 DISTRICT Valley COUNTY Preston
 QUADRANGLE Newburg 7 1/2'
 SURFACE OWNER Gary Helms, et ux ACREAGE 22.452
 OIL & GAS ROYALTY OWNER Gary Helms, et al LEASE ACREAGE 36
 LEASE NO. 4153

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 Huntersville / Chert ESTIMATED DEPTH 8200
 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

DEEP WELL

6-6 313

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

RECEIVED
Office of Environmental Protection
MAR 25 1996
Office of Oil & Gas Permitting

Farm name: HELM, GARY & CONNIE Operator Well No.: 2058

LOCATION: Elevation: 1,802.00 Quadrangle: NEWBURG

District: VALLEY County: PRESTON
Latitude: 6050 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 8700 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: ALAMCO, INC.
P. O. BOX 1740
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: PHILLIP TRACY
Permit Issued: 01/30/96
Well work Commenced: 02/16/96
Well work Completed: 03/07/96
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig _____
Total Depth (feet) 7854
Fresh water depths (ft) 40; 296

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 25 - 28

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	30'	-	-
11-3/4"	345'	345'	Cmt. to Surface 175 Sks
8-5/8"	2257'	2257'	Cmt. to Surface 645 Sks
4-1/2"	-	7817'	175 Sks

OPEN FLOW DATA

Huntersville (7508'-7643')
Producing formation Chert Pay zone depth (ft) 7643'
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 532 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 3100 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: R. Mark Hubert
Date: 3/22/96

Formations: 0-719' from Drillers Log Book - 719' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	4	Fill	<u>Water:</u> Damp @ 40'	
4	25	SD & SH	1-1/2" Stream @ 296'	
25	28	Coal		
28	104	SD	<u>Coal:</u> 25' - 28'	
104	196	SH		
196	262	SD	<u>Oil:</u> None	
262	482	SD & SH		
482	570	SH	<u>Gas Checks:</u>	
570	719	SD & SH	1078'	N/S
719	732	Little Lime	2513'	N/S
732	760	SD & SH	3471'	15 MCF/D
760	854	Big Lime	5378'	15 MCF/D
854	890	Keener	6407'	15 MCF/D
890	962	Big Injun	7839'	15 MCF/D
962	1062	SD & SH		
1062	1155	Weir		
1155	1276	SD & SH		
1276	1290	Gantz	<u>Treatment and Perforations:</u>	
1290	1316	SH	Stimulation: 03/07/96	
1316	1360	50'		
1360	1608	SD & SH	Perforations: (7508-7643')	
1608	1613	Gordon	28 Holes	
1613	1847	SD & SH	Huntersville Chert	
1847	1881	4th Sand	Frac: WF-30 w/15,000#	
1881	1898	SD & SH	80/100 Sand and 58,000#	
1898	1927	5th Sand	20/40 Sand in 1201 BBLs Total	
1927	1952	SD & SH	Fluid w/5% Hcl throughout.	
1952	2084	Bayard		
2084	2250	SD & SH		
2250	2675	SH		
2675	2717	Speechley		
2717	2883	SH		
2883	2890	Balltown		
2890	7086	SH		
7086	7175	Tully		
7175	7399	SH		
7399	7491	Marcellus		
7491	7506	Onondaga		
7506	7649	Huntersville		
7649	7681	Needmore		
7681	7688	Basal L. S.		
7688	7757	Oriskany		
7757	7854	Helderberg		
	7839	Drig. TD		
	7854	Log TD		

JAN 29 1996

077-0294

FORM WW-2B

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

Issued 01/30/96 Expires 01/30/98 507

21553

Well Operator: ALAMCO, INC. 475 8

Operator's Well Number 2058 3) Elevation: 1,802'

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

Proposed Target Formation(s): Huntersville Chert

Proposed Total Depth: 8,300 feet

Approximate fresh water strata depths: 50 Feet

Approximate salt water depths:

Approximate coal seam depths:

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

Proposed Well Work: SEE ATTACHED

CASING AND TUBING PROGRAM

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, SURFACE CSG, INTERMEDIATE, and PRODUCTION.

PACKERS: Kind 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

RECEIVED

WV Division of Environmental Protection

JAN 29 1996

Permitting Office of Oil & Gas

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

Page 1 of 10
Form WW2-A
(6/94)
File Copy

1) Date: January 12, 1996
2) Operator's well number 2058
3) API Well No: 47 - 077 - 00294
State County Permit

4) Surface Owner(s) to be served:
(a) Name Gary E & Connie L Helm
Address Rt 1 Box 124
Independence, WV 26374

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Randal Mick
Address 111 Blackshere Drive
Mannington, WV 26582
Telephone (304)- 986-3324

5) (a) Coal Operator:
Name NONE
Address _____

(b) Coal Owner(s) with Declaration
Name SAME AS SURFACE
Address _____

Name _____
Address _____

(c) Coal Lessee with Declaration
Name NONE
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 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 10 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 22-6 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 Bern
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623-6671

Subscribed and sworn before me this 26th day of January, 1996

Robert M Cox Notary Public
My commission expires December 9, 2002



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

January 30, 1996

Division of Environmental Protection
Office of Oil and Gas
Nitro, West Virginia

Re: Application for Permit #47-077-00294 to drill deep well.

COMPANY: Alamco, Inc.

FARM: Gary Helms #2058

COUNTY: Preston DISTRICT: Valley QUAD: Newburg

The application of the above company is Approved for Huntersville/Chert.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**

2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**

3.) Provided a plat showing that the proposed location is a distance of **400+** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brett Loflin".

Brett Loflin
Engineer III

*3,130 feet to 47-077-00110
3,170 feet to 47-077-00195

3,169 feet to 47-077-00196
3,959 feet to 47-077-00251