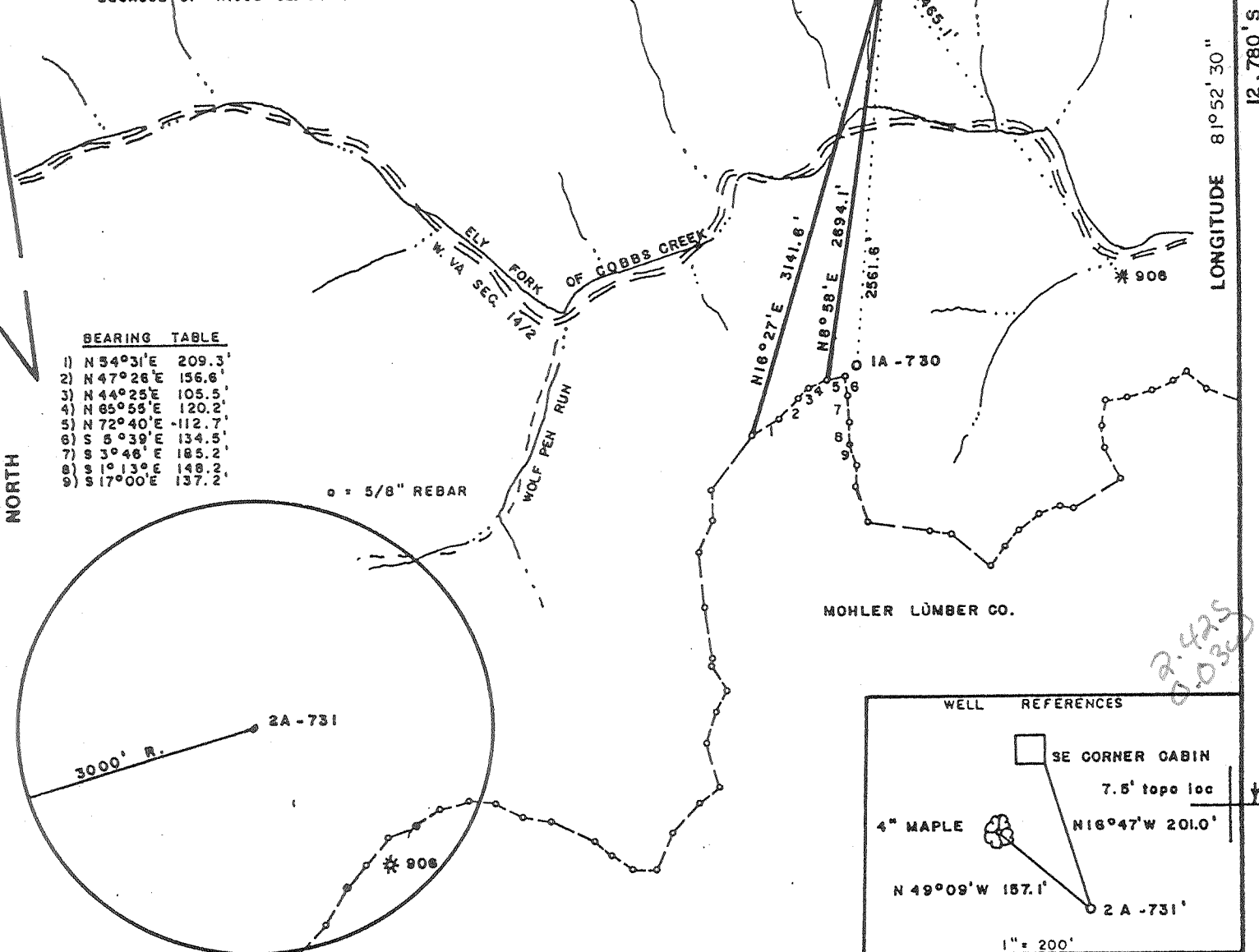


LINCOLN MINERAL CO. LEASE 4777 AC. ± LATITUDE 38°15'00"

WACO NO. 731

NOTE: SURFACE DEED DESCRIPTION COULD NOT BE MAPPED BECAUSE OF VAGUE GENERAL DESCRIPTION.



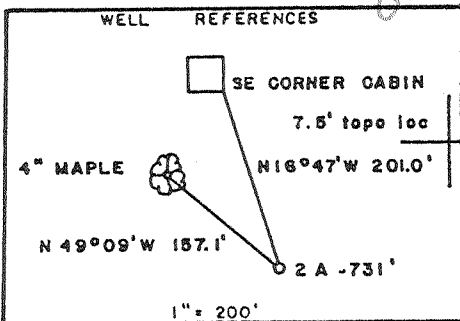
BEARING TABLE

1) N 54°31' E	209.3
2) N 47°26' E	156.6
3) N 44°25' E	105.5
4) N 85°55' E	120.2
5) N 72°40' E	112.7
6) S 5°39' E	134.5
7) S 3°46' E	185.2
8) S 1°13' E	148.2
9) S 17°00' E	137.2

○ = 5/8" REBAR

NORTH

LONGITUDE 81°52'30"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB SOUTH SIDE OF LEASE ELEV. = 1075'

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 MINES.
Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE OCTOBER 1, 1992
 OPERATOR'S WELL NO. L.M. Co. No. 2A
 API WELL NO. WACO NO. 731
 47-043-2803-Rev
 STATE COUNTY PERMIT
 Frac

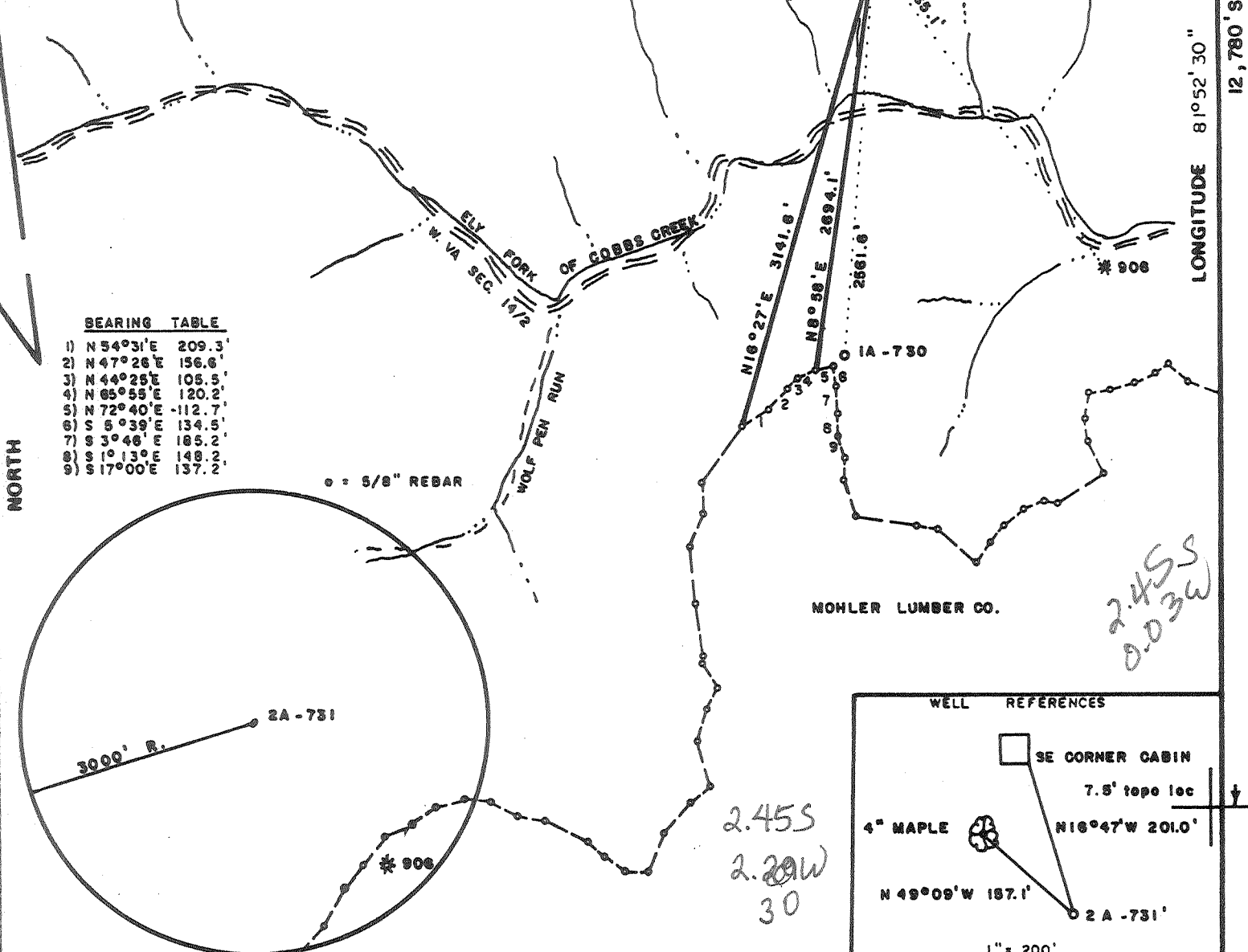
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 969' WATER SHED ELY FORK
 DISTRICT WASHINGTON COUNTY LINCOLN
 QUADRANGLE GRIFFITHSVILLE 7.5'
 SURFACE OWNER EUGENE MILLER ACREAGE 42
 OIL & GAS ROYALTY OWNER WACO OIL & GAS CO. INC. LEASE ACREAGE 3000 OF 4777
 LEASE NO. _____
 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 TUSCARORA ESTIMATED DEPTH 6200' ±
 WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT STEPHEN E. HOLLOWAY
 ADDRESS P.O. BOX 397 ADDRESS P.O. BOX 397
 GLENVILLE, W. VA. 26351 GLENVILLE, W. VA. 26351

LIN 2803 Rev

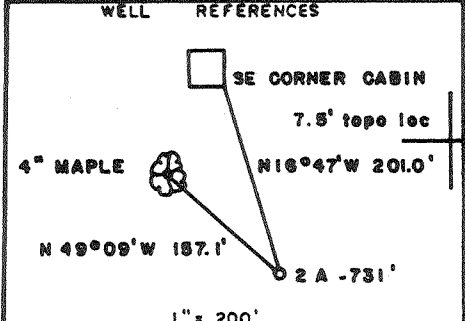
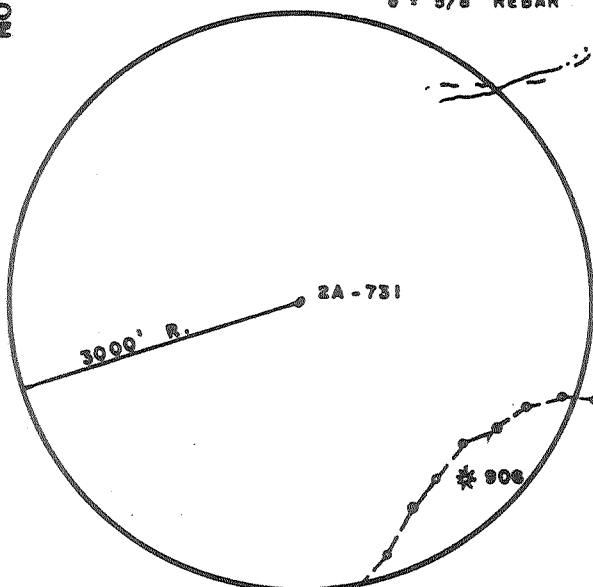
WACO NO. 731

*NOTE: SURFACE DEED DESCRIPTION COULD NOT BE MAPPED BECAUSE OF VAGUE GENERAL DESCRIPTION.



BEARING TABLE

1) N 54°31'E	209.3'
2) N 47°26'E	156.6'
3) N 44°25'E	105.5'
4) N 65°55'E	120.2'
5) N 72°40'E	112.7'
6) S 8°39'E	134.5'
7) S 3°46'E	185.2'
8) S 1°13'E	148.2'
9) S 17°00'E	137.2'



FILE NO. _____

DRAWING NO. _____

SCALE 1" = 1000'

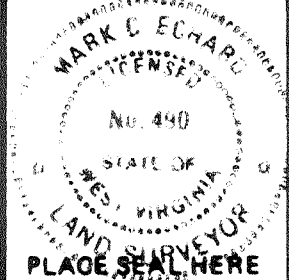
MINIMUM DEGREE OF ACCURACY 1/200

PROVEN SOURCE OF ELEVATION JOP OF KNOB SOUTH SIDE OF LEASE ELEV. = 1075'

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 MINES.

Mark C. Echard
 (SIGNED) MARK C. ECHARD

R.P.E. _____ L.L.S. 490



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

FORM IV-6 (8-78)



DATE OCTOBER 1, 19 92

OPERATOR'S WELL NO. L.M. Co. No. 2A

API WELL NO. WACO NO. 731

47-043-2803-Rev.

STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL

(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 969' WATER SHED ELY FORK

DISTRICT WASHINGTON COUNTY LINCOLN

QUADRANGLE GRIFFITHSVILLE 7.5' *Madison No*

SURFACE OWNER EUGENE MILLER ACREAGE 42

OIL & GAS ROYALTY OWNER WACO OIL & GAS CO. INC. LEASE ACREAGE 3000 OF 4777

LEASE NO. _____

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 TUSCARORA ESTIMATED DEPTH 6200' ±

WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT STEPHEN E. HOLLOWAY

ADDRESS P.O. BOX 397 ADDRESS P.O. BOX 397

GLENVILLE, W. VA. 26351 GLENVILLE, W. VA. 26351

LINCOLN MINERAL CO. LEASE 4777 AC. ± LATITUDE 38°15'00"

WACO NO. 731

Jami
6/1/92

*NOTE: SURFACE DEED DESCRIPTION COULD NOT BE MAPPED BECAUSE OF VAGUE GENERAL DESCRIPTION.

L.M. Co. No. 2A
WACO NO. 731
ELEV. = 969'

NORTH

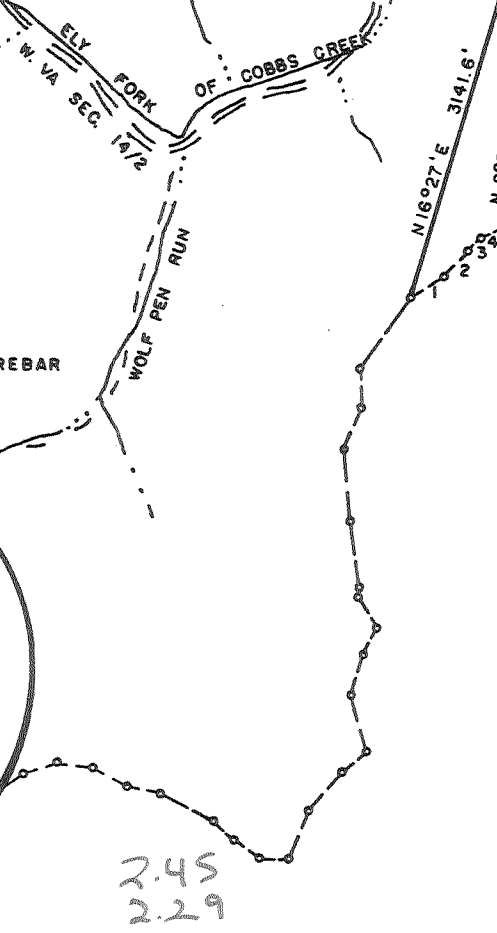
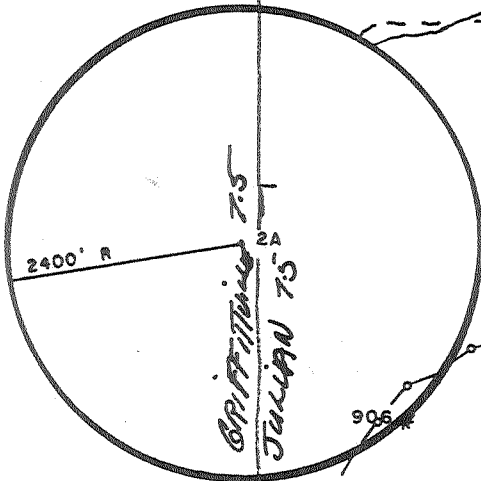
LONGITUDE 81°52'30"

12,780' S

BEARING TABLE

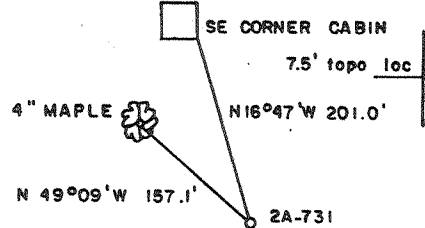
- 1) N 54°31'E 209.3'
- 2) N 47°26'E 156.6'
- 3) N 44°25'E 105.5'
- 4) N 65°55'E 120.2'
- 5) N 72°40'E 112.7'
- 6) S 5°39'E 134.5'
- 7) S 3°48'E 185.2'
- 8) S 1°13'E 148.2'
- 9) S 17°00'E 137.2'

○ = 5/8" REBAR



MOHLER LUMBER CO.

WELL REFERENCES



1" = 200'

FILE NO. 012
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB SOUTH SIDE OF LEASE ELEV. = 1075'

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 MINES.
 (SIGNED) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)

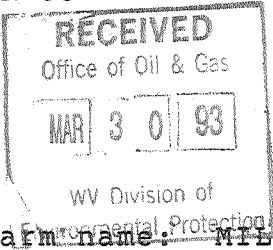


DATE MAY 21, 19 92
 OPERATOR'S WELL NO. L.M. Co. No. 2A
 API WELL NO. WACO NO. 731
47 - 043 - 2803
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 969' WATER SHED ELY FORK OF COBBS CREEK
 DISTRICT WASHINGTON COUNTY LINCOLN
 QUADRANGLE GRIFITHSVILLE 7.5' Madison
 SURFACE OWNER EUGENE MILLER ACREAGE 42
 OIL & GAS ROYALTY OWNER WACO OIL & GAS CO. INC. LEASE ACREAGE 3000 OF 4777
 LEASE NO. _____
 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 MARCELLUS ESTIMATED DEPTH 4500'
 WELL OPERATOR WACO OIL & GAS CO. INC. DESIGNATED AGENT STEPHEN E. HOLLOWAY
 ADDRESS P.O. BOX 397 ADDRESS PO BOX 397
933 GLENVILLE, W. VA. 26351 GLENVILLE, W. VA. 26351

JUN 10 1992



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

Well Operator's Report of Well Work

Farm name: MILLER, EUGENE Operator Well No.: L.M.#2A-W-731

LOCATION: Elevation: 969.00 Quadrangle: GRIFFITHSVILLE

District: WASHINGTON County: LINCOLN
 Latitude: 12780 Feet South of 38 Deg. 15Min. 0 Sec.
 Longitude 110 Feet West of 81 Deg. 52 Min. 30 Sec.

Company: WACO OIL & GAS CO., INC.
1297 N. LEWIS ST.
GLENVILLE, WV 26351-0000

Agent: STEPHEN E. HOLLOWAY

Inspector: RICHARD CAMPBELL
 Permit Issued: 06/01/92
 Well work Commenced: 10/20/92
 Well work Completed: 10/27/92
 Verbal Plugging _____
 Permission granted on: _____
 Rotary X Cable _____ Rig _____
 Total Depth (feet) 5040 (DTD)
 Fresh water depths (ft) _____
20', 74'
 Salt water depths (ft) _____
310', 1020'
 Is coal being mined in area (Y/N)? N
 Coal Depths (ft): 71'-73', 433'-436', 751'-755'

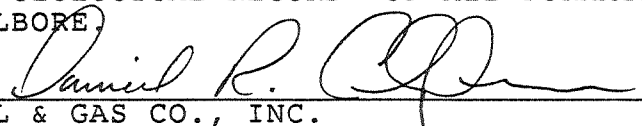
Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	176'	176'	C.T.S.
8-5/8"	1,692'	1,692'	C.T.S.
4-1/2"		4,210'	325 Sks.

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) see treatment
 Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 147 MCF/d Final open flow None Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 385 psig (surface pressure) after 48 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: WACO OIL & GAS CO., INC. 

Reviewed TMG
 Recorded _____

By: Daniel R. Chapman, Geologist
 Date: January 29, 1993

813 813

1st stage: Lower Huron (3999-3777) 1000 gal 15% HCL, 40 ton CO₂, 997 mcf N₂
2nd stage: Upper Huron (3729-3553) 750 gal 15% HCL, 40 ton CO₂, 1,004 mcf N₂

Sand Shale	0	71	Damp @20'
Coal	71	73	1/4" stream @ 74'
Sand, Shale	73	433	1" Stream @ 310'
Coal	433	436	1-1/2" stream @ 1020'
Sand, Shale	436	751	
Coal	751	755	
Sand, Shale, Red Rock	755	1660	
Big Lime	1660	1750	
Big Injun	1750	1900	
Shale	1900	1919	
Squaw	1919	1946	
Shale	1946	2384	
Berea	2384	2404	
Shale	2404	3568	
Upper Huron?	3568	3856	
Lower Huron	3856	4000	
Shale	4000	4585	
Marcellus	4585	4614	
Huntersville Chert	4614	4650	
Oraskany	4650	4660	DTD - 5040'
Helderberg	4660	5040	T.D. LTD - 4360'

NOTE: H₂S Gas @ 4950'. increased frpm 30 ppm to 1800 ppm, Halliburton pumped 175 Sks. or 600' of Latex Cement to Seal-off H₂S Gas.

DF } 519
DFT } 519.5

RECEIVED

Page 1 of _____
Form WW2-A
(09/87)
Surface Owner Copy

Department of Environmental Protection
MAY 28 92
Permitting
Office of Oil & Gas

- 1) Date: May 22, 1992
- 2) Operator's well number
L. M. Co. #2-A/Waco 731
- 3) API Well No: 47 - 043 - 2803
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 Eugene Miller
Address Elk Creek Road
Alum Creek, WV 25003
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Rick Campbell
Address P. O. Box 163
Hamlin, WV 25523
Telephone (304)- 824-5828

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

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE
(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Waco Oil and Gas Company, Inc.
By: [Signature] Stephen E. Holloway
Its: Designated Agent
Address P. O. Box 397
Glenville, WV 26351
Telephone (304) 462-5347

Subscribed and sworn before me this 22nd day of May 1992
Russell L. Tallman
My commission expires September 9th 2001
[Signature] Commissioner
[Signature] Notary Public

043 2803

FORM WW-2B MAY 28 92

Issued 06/01/92

Page ___ of ___

Expires 06/01/94

Permitting Office

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

- 1) Well Operator: Waco Oil and Gas Company, Inc.
2) Operator's Well Number: L.M. Co. #2A / Waco #731
3) Elevation: 969
4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ / Deep ___ / Shallow ___
5) Proposed Target Formation(s): Marcellus
6) Proposed Total Depth: 4650 feet
7) Approximate fresh water strata depths: 80
8) Approximate salt water depths: 1400
9) Approximate coal seam depths: n/a
10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
11) Proposed Well Work: Drill and stimulate new well
12)

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

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

10
Production
MAY 28 1992
Permitting
Office of Oil & Gas

- 1) Date: May 22, 1992
- 2) Operator's well number
L. M. Co. #2-A/Waco 731
- 3) API Well No: 47 - 043 - 2803
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 Eugene Miller
Address Elk Creek Road
Alum Creek, WV 25003
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name N/A
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name N/A
Address _____
 - (c) Coal Lessee with Declaration
 - Name N/A
Address _____
- 6) Inspector Rick Campbell
Address P. O. Box 162
Hamlin, WV 25523
Telephone (304)- 824-5828

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
X 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 1 on the above named parties, by:

- X 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 Waco Oil and Gas Company, Inc.
By: [Signature] Stephen E. Holloway
Its: Designated Agent
Address P. O. Box 397
Glenville, WV 26351
Telephone (304) 462-5347

Subscribed and sworn before me this 22nd day of May, 1992

Russell L. Tallhame
My commission expires September 9th 2001
Commissioner
Notary Public

043 2803 revised
 Issued 10/20/92

FORM WW-2B

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

Express Page 1 of 1
 10/20/94

- 1) Well Operator: Waco Oil and Gas Company, Inc.
- 2) Operator's Well Number: Waco 731-L.M. Co. 2A 3) Elevation: 969'
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Tuscarora STS
- 6) Proposed Total Depth: 6,200 feet
- 7) Approximate fresh water strata depths: 80'
- 8) Approximate salt water depths: 1,400'
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill and stimulate new well.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	11-3/4"	H	38	150	150	C. T. S.
Coal						
Intermediate	8-5/8"	J	23	1,720	720	200 ft. 3
Production	4-1/2"	J	10.5		6,200	500 ft. 3
Tubing						
Liners						

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
 (Type)

13170



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION

#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

October 16, 1992

Division of Environmental Protection
Office of Oil and Gas
Permitting Section

RE: APPLICATION FOR PERMIT #47-043-02803 TO DRILL DEEP WELL

COMPANY: Waco Oil and Gas Company, Inc.

FARM: Eugene Miller L. M. Co. #2-A

COUNTY: Lewis DISTRICT: Washington QUAD: Griffithsville

The application of the above company is approved for Tuscarora.
(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 the operator, and; none
- 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 black ink, appearing to read "Brett Loflin", written over a horizontal line.

Brett Loflin
Petroleum Engineer

23-Aug-99
API # 47- 043-02803 F

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

Reviewed K

RECEIVED
Office of Oil & Gas
Permitting

JAN 10 2000

WV Division of

Well Operator's Report of Well Work

Farm Name: Miller, Eugene

Operator Well No.: Lincoln Mineral 2A

LOCATION: Elevation: 969.00

Quadrangle: Griffithsville

District: Washington

County: Lincoln

Latitude: 12780 Feet South of
Longitude: 110 Feet West of

38 Deg. 15
81 Deg. 52 30

Minutes Seconds
15 0
52 30

Company: BLAZER ENERGY CORPORATION
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Richard D. Smeltzer

Inspector: Dave Belcher
Permit Issued: 8/23/99

Well work commenced: 09/17/99
Well work completed: 10/13/99

Verbal Plugging

Permission granted on: _____

Rotary Rig X Cable Rig _____

Total Depth 5040 feet

Fresh water depths (ft) _____

Salt water depths (ft) _____

Is coal being mined in area? _____

Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
4 1/2"		4210'	325 sx
2 3/8"		3914	

OPEN FLOW DATA

See Attach for details

Producing formation Berea, Injun

Pay Zone Depth (ft): _____

Gas: Initial open flow 73 MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow: 133 MCF/d Final open flow: _____

Time of open flow between initial and final tests _____ Hours

Static rock pressure 272 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: _____

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: BLAZER ENERGY CORPORATION

By: Richard D. Smeltzer
Date: 1/11/00

LIN 2803 F

FEB 25 2000

EASTERN STATES OIL & GAS, INC.
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: Lincoln Mineral 2A

API# 47-043-02803-F

Date	10/01/99	10/01/99			
Type Frac	75 Q	75 Q			Office of Oil & Gas
Acid, N ₂ , Foam, Water	Foam	Foam			Pennsylvania
Zone Treated	Berea	Injun			JAN 10 2000
# Perfs	21	25			WV Division of
From - To:	2388' - 2398'	1922' - 1934'			Environmental Protection
BD Pressure @ psi	2932	738			
ATP psi	2353	1790			
Avg. Rate, B=B/M, S= SCF/M	20 B (foam)	20 B (foam)			
Max. Treat Press psi	2932	1869			
ISIP psi	1418	700			
Frac Gradient	1.02	.79			
10 min S-I Pressure	1179	1447			
Material Volume					
Sand-sks	414	488			
Water-bbl	164	154			
SCF N ₂	299,000	280,000			
Acid-gal	500 gal 14.8%	500 gal 14.8%			
NOTES:					

TOP BOTTOM FORMATION REMARKS
 Previously reported.