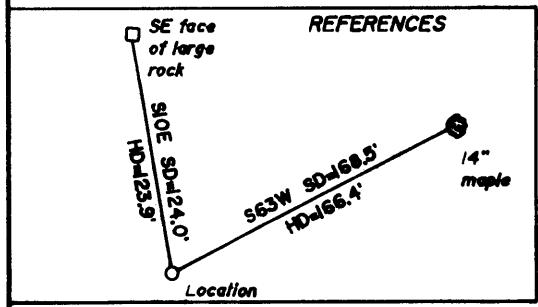
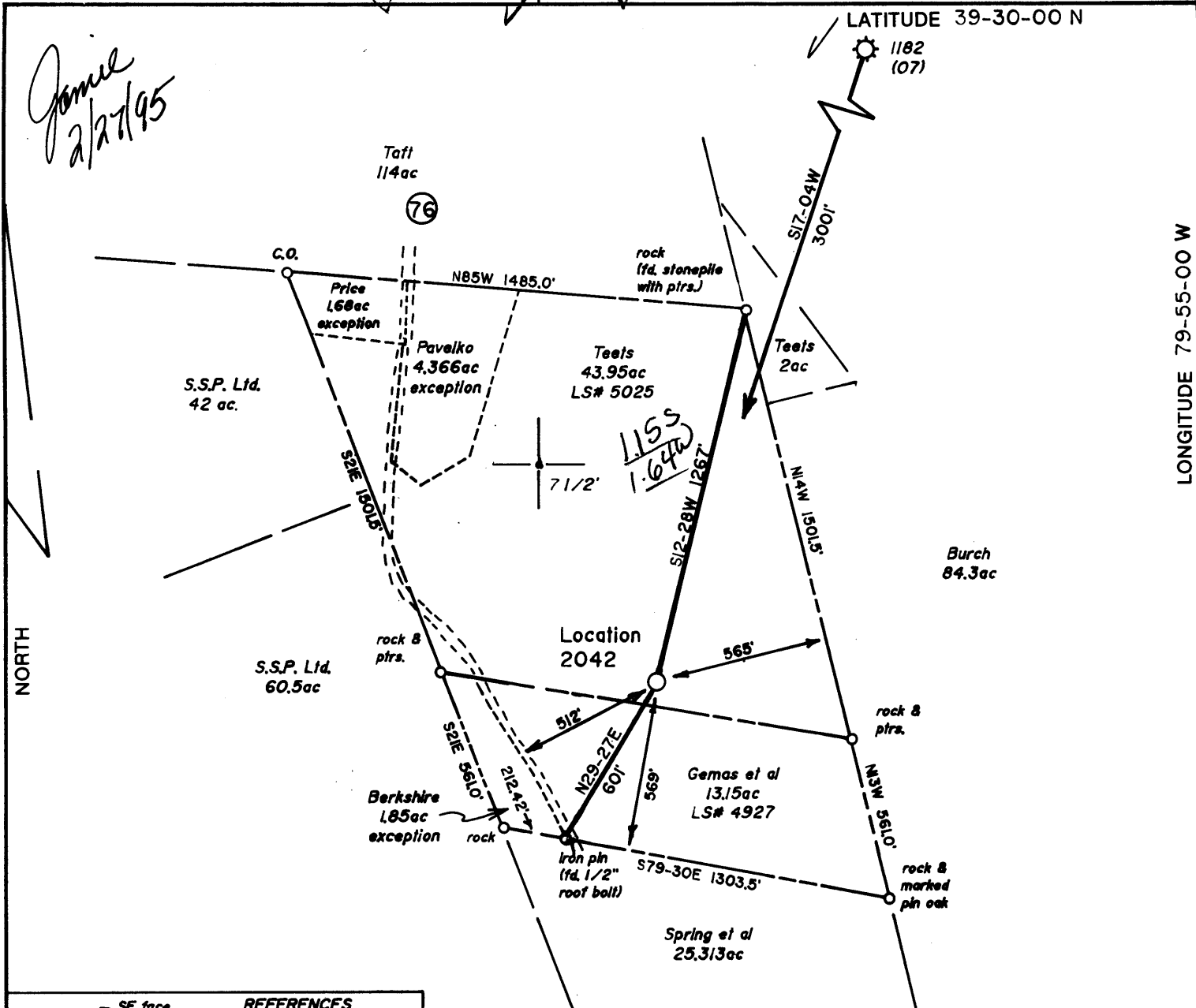


8,725

LATITUDE 39-30-00 N

1182 (07)

Janice 2/27/95

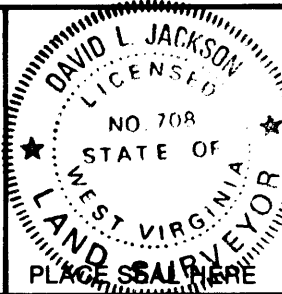


Note: There are no wells within 2400' of this location.

(+) 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 1100' NW of Location: elev. 1543'

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 L. Jackson
 R.P.E. _____ L.L.S. 708



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



DATE January 10, 19 95
 OPERATOR'S WELL NO. 2042
 API WELL NO. _____

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1640' WATER SHED Booths Creek
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Gladesville 7 1/2' Mountain NW
 SURFACE OWNER Donald E. Teets et al ACREAGE 43.95
 OIL & GAS ROYALTY OWNER Donald E. Teets LEASE ACREAGE 88.7
 LEASE NO. 5025

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 Oriskany ESTIMATED DEPTH 8000
 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

W 00-55-62 EDUIGNOT1

COUNTY NAME

PERMIT

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

Well Operator's Report of Well Work

Farm name: TEETS, DONALD E.

Operator Well No.: 2042 REVISION

LOCATION: Elevation: 1,640.00 Quadrangle: GLADESVILLE

District: CLINTON County: MONONGALIA
Latitude: 6000 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 8725 Feet West of 79 Deg. 55 Min. 0 Sec.

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

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 02/28/95
Well work Commenced: 04/21/95
Well work Completed: 01/04/96
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 7813
Fresh water depths (ft) 80, 141

Salt water depths (ft) 1755

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.
16"	35'	35'	None
11-3/4"	305'	305'	To surface
8-5/8"	1965'	1965'	To surface
4-1/2"	-	7780'	165 Sks.

OPEN FLOW DATA

Producing formation Huntersville Chert Pay zone depth (ft) 7376'-7513
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1560 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 2950 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: 2/1/96

Formations: 0-330' from Drillers Log Book - 330' to 1996' from Gamma Ray Log
 1996' to TD from Drillers Log Book

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>
0	7	Fill	<u>Water:</u> 80 - 1/4" stream
7	106	SD & SH	141 - 1/4" stream
106	160	RR & SH	1755 - Damp
160	295	SD	
295	300	SD & SH	<u>Coal:</u> None
300	330	SD	
330	390	SH	<u>Oil:</u> None
390	430	SD	
430	587	SH	<u>Gas Checks:</u>
587	599	Little Lime	
599	624	SH	2518' 421 MCF/D
624	719	Big Lime	5423' 462 MCF/D
719	732	Keener	7797' 327 MCF/D
732	828	Big Injun	
828	859	Pocono	
859	935	SH	<u>Treatment and Perforations:</u>
935	1035	Weir	
1035	1158	SH	Stimulation: 01/04/96
1158	1204	Gantz/50'	
1204	1479	SD & SH	Perforations: (7376'-7513)
1479	1487	Gordon	
1487	1743	SD & SH	Huntersville Chert - 28 Holes
1743	1752	Fourth	
1752	1787	SH	Frac: WF-30 w/15,000# 80/100 Sand
1787	1801	Fifth	and 60,000# 20/40 Sand in 1229 BBLs
1801	1831	SH	Total Fluid w/5% Hcl throughout.
1831	1895	Bayard	
1895	1996	SH	
1996	2502	SH	
2502	2521	Speechley	
2521	2710	SH	
2710	2716	Balltown	
2716	6985	SH	
6985	7087	Tully	
7087	7267	SH	
7267	7362	Marcellus	
7362	7375	Onondaga	
7375	7525	Hunter. Chert	
7525	7551	Needmore	
7551	7562	Basal L.S.	
7562	7621	Oriskany	
7621	7797	Helderberg	
	7797	Drig TD	
	7813	Log TD	

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WV Division of
Environmental Protection

MAY 05 1995

Permitting
Office of Oil & Gas

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

Well Operator's Report of Well Work

Farm name: TEETS, DONALD E. Operator Well No.: 2042

LOCATION: Elevation: 1,640.00 Quadrangle: GLADESVILLE

District: CLINTON County: MONONGALIA
Latitude: 6000 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 8725 Feet West of 79 Deg. 55 Min. 0 Sec.

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

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 02/28/95
Well work Commenced: 04/21/95
Well work Completed: 04/29/95
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 2517
Fresh water depths (ft) 80, 141
Salt water depths (ft) 1755

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	35'	35'	None
11-3/4"	305'	305'	To surface
8-5/8"	1965'	1965'	To surface

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

OPEN FLOW DATA

Producing formation Speechley Pay zone depth (ft) 2488 - 2513
 Gas: Initial open flow 3100 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 3100 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 300 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: _____

Formations: 0-330' from Drillers Log Book - 330' to 1996' from Gamma Ray Log
 1996' to TD from Drillers Log Book

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>
0	7	Fill	<u>Water:</u> 80 - 1/4" stream
7	106	SD & SH	141 - 1/4" stream
106	160	RR & SH	1755 - Damp
160	295	SD	
295	300	SD & SH	<u>Coal:</u> None
300	330	SD	
330	390	SH	<u>Oil:</u> None
390	430	SD	
430	587	SH	<u>Gas Checks:</u>
587	599	Little Lime	
599	624	SH	2517' 3100 MCF/D
624	719	Big Lime	
719	732	Keener	
732	828	Big Injun	<u>Treatment and Perforations:</u>
828	859	Pocono	
859	935	SH	None
935	1035	Weir	
1035	1158	SH	
1158	1204	Gantz/50'	
1204	1479	SD & SH	
1479	1487	Gordon	
1487	1743	SD & SH	
1743	1752	Fourth	
1752	1787	SH	
1787	1801	Fifth	
1801	1831	SH	
1831	1895	Bayard	
1895	1996	SH	
1996	2488	SH	
2488	2513	Speechley	
2513	2517	SH	
	2517	Drillers TD	

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061-1192

Issued 02/28/95
Expires 02/28/97

FORM WW-2B

FEB 23 1995

Page 3 of 12

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

Well Operator: ALAMCO, INC. ⁰¹⁰ 975 (4) 368

Operator's Well Number 2042 3) Elevation: 1,640

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

1) Proposed Target Formation(s): ORISKANY 475

2) Proposed Total Depth: 8,000 feet

7) Approximate fresh water strata depths: 30 feet

3) Approximate salt water depths: 1,800 feet

9) Approximate coal seam depths: 60 feet

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

11) Proposed Well Work: SEE ATTACHED

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	16"	LS	32#	40'	-0-	NONE
FRESH WATER						
COAL						
SURFACE CSG	11-3/4"	J-55	32#	300'	300'	As required by 38 CSR 18-11-3 38 CSR 18-11-2.2
INTERMEDIATE	8-5/8"	J-55	24#	2,100'	2,100'	As required by 38 CSR 18-11-3 38 CSR 18-11-2.2
PRODUCTION	4-1/2"	M-75	11.60#	8,000'	8,000'	As required by 38 CSR 38-11-1

PACKERS: Kind NONE
Sizes _____
Depths Set _____

286997
9

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket LC Agent

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Environmental Protection

Page 1 of 12
Form WW2-A
(09/87)
File Copy

FEB 23 1995

Permitting
Office of Oil & Gas

- 1) Date: February 2, 1995
- 2) Operator's well number
2042
- 3) API Well No: 47 - 061 - 1192
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 Donald E. Teets
Address Route 5, Box 103
Morgantown, WV 26505
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name NO DECLARATION OF RECORD
Address _____
 - (b) Coal Owner(s) with Declaration
Name Donald E. Teets
Address Route 5, Box 103
Morgantown, WV 26505
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name NO DECLARATION OF RECORD
Address _____
- 6) Inspector Randal Mick
Address 111 Blackshere Drive
Mannington, WV 26582
Telephone (304)- 986-3324

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:

- _____ 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 ALAMCO, INC.
By: Mary Rose
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623-6671



Subscribed and sworn before me this 2nd day of February, 1995

[Signature]

Notary Public

My commission expires December 9, 2002

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WV Division of
Environmental Protection

FEB 23 1995

ATTACHMENT TO:
FORM WW-2B

Permitting
Office of Oil & Gas

Page 4 of 12

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: 2042
FILE NUMBER 47-061- 1192

11. Proposed Well Work:

Well 2042 will be drilled to approximately 300' KB. The 11-3/4" casing will be set at approximately 300' KB and then cemented to surface. The well will then be drilled to approximately 2,100' KB. The 8-5/8" casing will be set at approximately 2,100' KB and then cemented to surface. The well will then be drilled to 8,000' KB and the 4-1/2" casing set at approximately 8,000' KB. The 4-1/2" casing will be cemented to 7,000' KB. The well will then be hydraulically fractured in the Huntersville Chert Formation.

12. Plan for partial abandonment:



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

February 28, 1995

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

Re: Application for Permit #47-061-01192 to drill deep well.

COMPANY: ALAMCO, Inc.

FARM: Donald E. Teets et al #2042

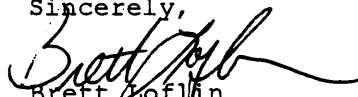
COUNTY: Monongalia DISTRICT: Clinton QUAD: Gladesville

The application of the above company is Approved for Oriskany.
(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 **565** 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,


Brett Loflin
Engineer III

*3,001 feet to 47-061-01182