

10/14/82

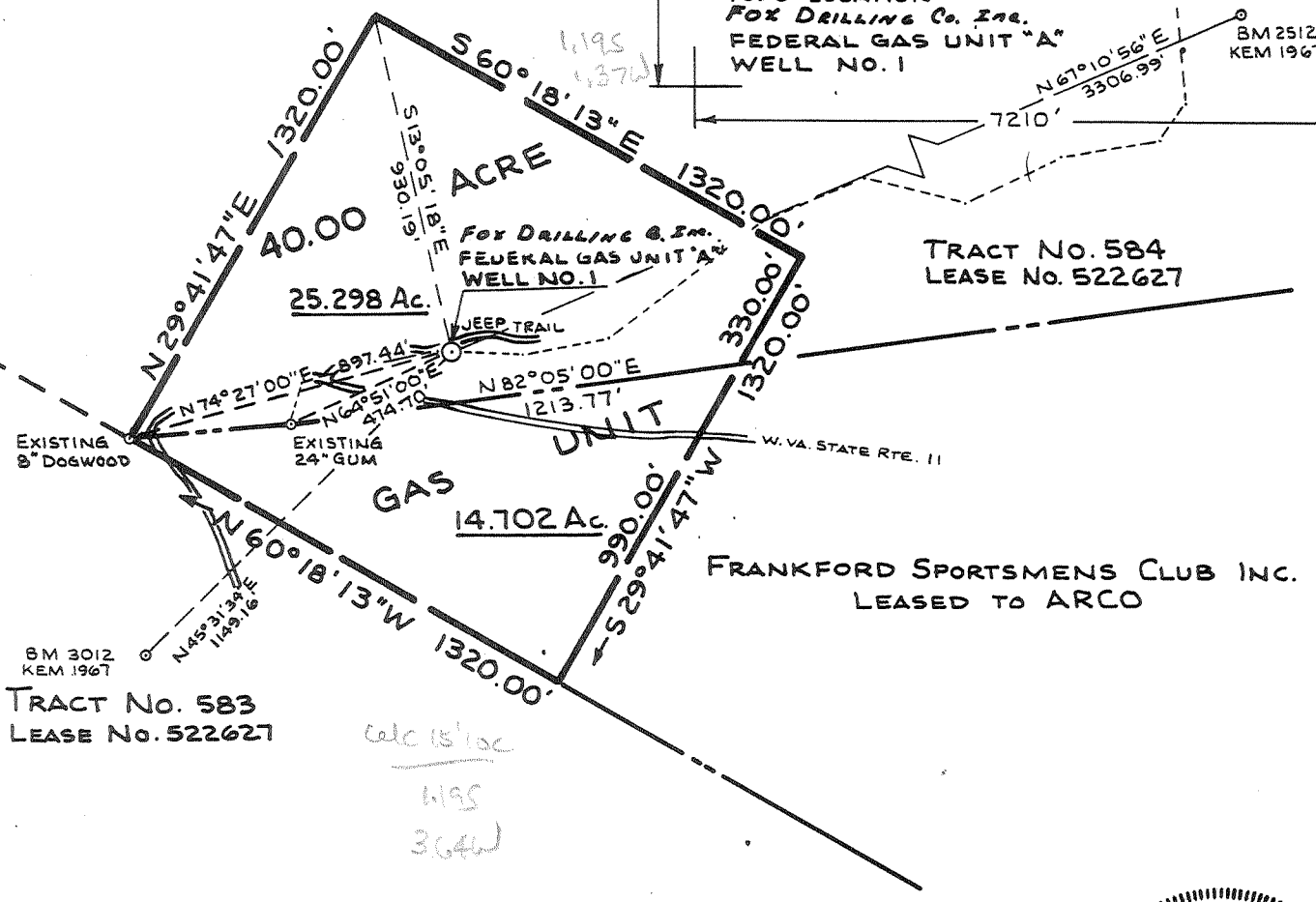
LATITUDE 38°00'00"

LONGITUDE 80°12'30"

U.S.A.
MONONGAHELA NATIONAL FOREST
TRACT No. 572
LEASE No. 522627

TOPO LOCATION -
FOX DRILLING Co. Inc.
FEDERAL GAS UNIT "A"
WELL NO. 1

NORTH



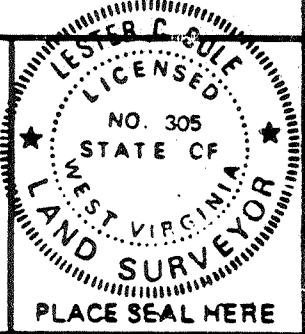
TRACT No. 583
LEASE No. 522627

TRACT No. 584
LEASE No. 522627

FRANKFORD SPORTSMENS CLUB INC.
LEASED TO ARCO

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION BM-2512 K.E.M.1967
Approx. 3300 N.E. of location
Elev. 2511.43

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) Lester C. Cole
R.P.E. _____ L.L.S. 305



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



DATE June 1, 19 82
OPERATOR'S WELL NO. 1
API WELL NO. _____
47-025-0026-P
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Formerly - 025-0025

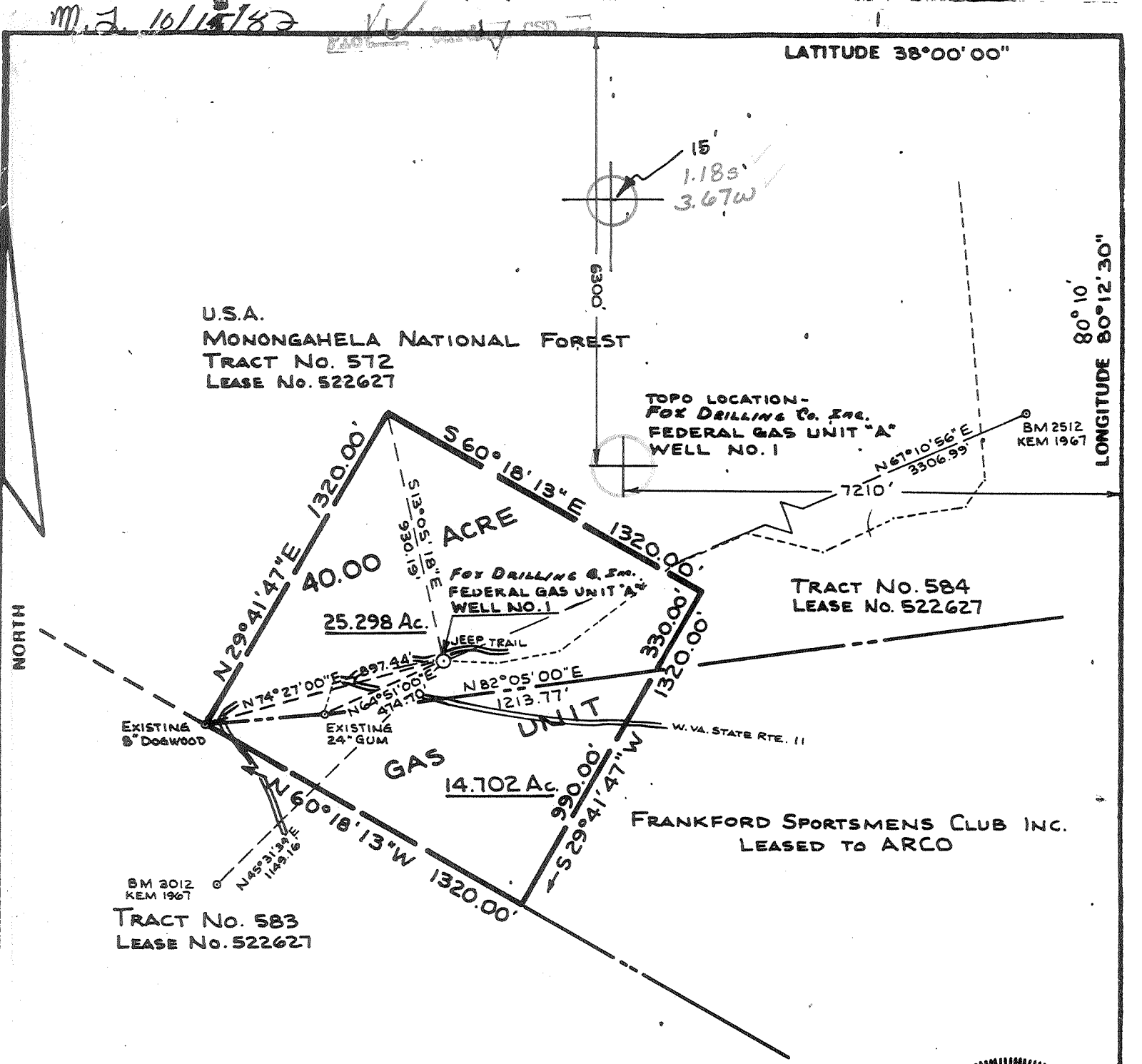
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 2828.27 WATER SHED Slabcamp Run
DISTRICT Falling Springs COUNTY Greenbrier
QUADRANGLE Alvon W. Va., Va. 7.5
SURFACE OWNER Monongahela National Forest ACREAGE 1953 more or less
OIL & GAS ROYALTY OWNER Monongahela National Forest LEASE ACREAGE 1953 more or less
LEASE NO. 522627

PROPOSED WORK: DRILL X 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 6800
WELL OPERATOR FOX DRILLING CO. INC. DESIGNATED AGENT ROBERT E. FOX
ADDRESS P.O. BOX 129 P.O. BOX 129

GREEN - 0026-P

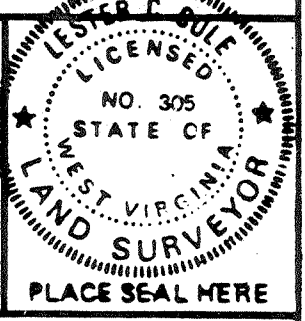
MMY 16 E



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION BM-2512 K.E.M. 1967
Approx. 3300 N.E. of location
Elev. 2511.43

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) Lester C. Cole
R.P.E. _____ L.L.S. 305



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



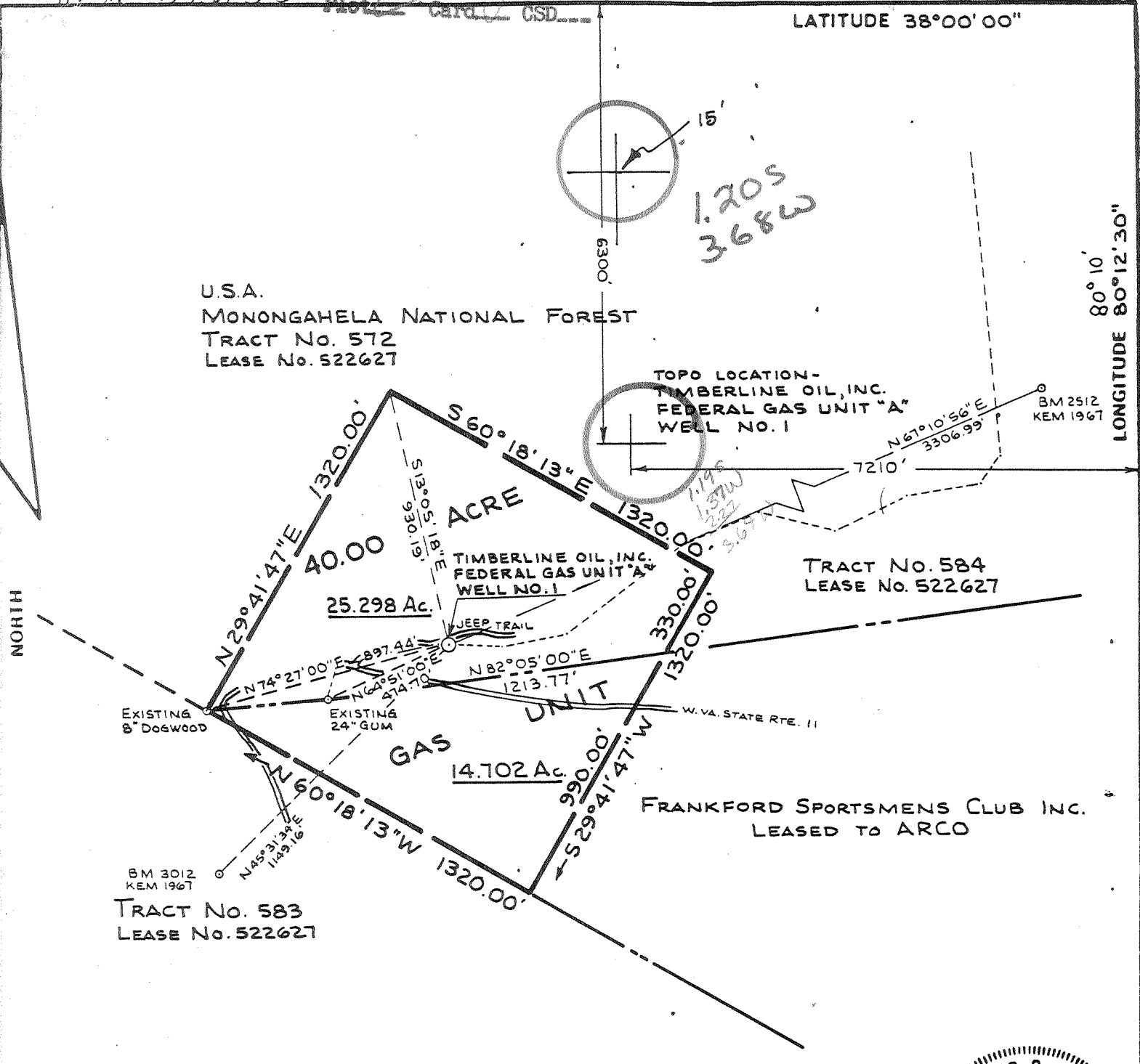
DATE June 1, 19 82
OPERATOR'S WELL NO. 1
API WELL NO. 47-025-0025
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Formerly - 925-0025

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 2828.27 WATER SHED Slabcamp Run
DISTRICT Falling Springs COUNTY Greenbrier
QUADRANGLE Alvon W. Va., Va. 7.5 Callaghan 15' NW
SURFACE OWNER Monongahela National Forest ACREAGE 1953 more or less
OIL & GAS ROYALTY OWNER Monongahela National Forest LEASE ACREAGE 1953 more or less
LEASE NO. 522627
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

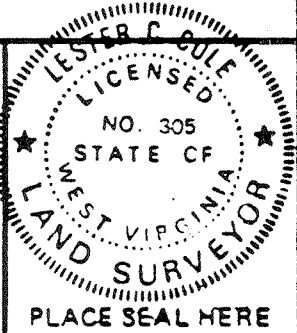
PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION Tuscarora ESTIMATED DEPTH 6800
WELL OPERATOR FOX DRILLING CO. INC. DESIGNATED AGENT ROBERT E. FOX
ADDRESS P.O. BOX 129 ADDRESS P.O. BOX 129
GLENVILLE W.VA. 26351 GLENVILLE W.VA. 26351



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION BM: 2512 K.E.M. 1967
Approx. 3300 N.E. of location
Elev. 2511.43

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) Lester C Cole
R.P.E. _____ L.L.S. 305



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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE June 1, 19 82
OPERATOR'S WELL NO. 1
API WELL NO. 47-025-0025
STATE COUNTY PERMIT
cancelled
now, 025-0026

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS.") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
LOCATION: ELEVATION 2828.27 WATER SHED Slabcamp Run
DISTRICT Falling Springs COUNTY Greenbrier
QUADRANGLE Alvon W. Va., Va. 7.5 Callaghan 151 NW
SURFACE OWNER Monongahela National Forest ACREAGE 1953 more or less
OIL & GAS ROYALTY OWNER Monongahela National Forest LEASE ACREAGE 1953 more or less
LEASE NO. 522627
PROPOSED WORK: DRILL X 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 6800 Deep well
WELL OPERATOR Amber Oil Co. Inc. DESIGNATED AGENT Donald C. Kesterson
ADDRESS 1308 Market St. Parkersburg W. Va. 26101 ADDRESS P.O. Box 2036 Parkersburg, W. Va. 26102
OCT 25 1982



IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date 4-25-83
Operator's Well No. A-1
Farm Federal Government
API No. 47 - 025 - 0026

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep X / Shallow ___ /)

LOCATION: Elevation: 2828 Watershed Slabcamp Run
District: Falling Springs County Greenbrier Quadrangle Alvon 7.5

COMPANY H & W Properties
ADDRESS Dallas, Texas
DESIGNATED AGENT Robert E. Fox
ADDRESS Glenville, W.V.
SURFACE OWNER Federal Government
ADDRESS Alexandria, Va.
MINERAL RIGHTS OWNER Federal Government
ADDRESS Alexandria, Va.
OIL AND GAS INSPECTOR FOR THIS WORK Craig Duckworth ADDRESS Mount Lookout, W.V.
PERMIT ISSUED _____
DRILLING COMMENCED 2-20-83
DRILLING COMPLETED 3-9-83
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON 3-24-83

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	2000	2000	to surface
7			
5 1/2			
4 1/2			
3			
2			
Liners used	OIL & GAS DIVISION DEPT. OF MINES		

GEOLOGICAL TARGET FORMATION Tuscarora Depth 6800 feet
Depth of completed well 6845 feet Rotary X / Cable Tools _____
Water strata depth: Fresh None feet; Salt 3800 feet
Coal seam depths: 804 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation None Dryhole Pay zone depth _____ feet
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 measurement) after _____ hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

MAY 16 1983

Green. 0026

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Plugged

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	46	
Sand			46	570	
Shale			570	690	
Sand and Shale			690	804	
Coal			804	808	
Sand & Shale			808	2000	
Shale			2000	4700	
Marcellus			4700	4750	
Onondaga Lime			4750	4760	
Huntersville Chert			4760	4900	
Oriskany Sandstone			4900	4960	
Helderberg Limestone			4960	5220	
Shale			5220	5470	
Tonoloway Limestone			5470	5960	
Williamsport Fm.			5960	6050	
McKenzie			6050	6320	
Rose Hill			6320	6500	
Tuscarora Sandstone			6500	6800	20 MCF at 6680
<u>Juniata</u>			6800	6844	T.D.

(Attach separate sheets as necessary)

Well Operator
 By: Robert E. Sp
 Date: _____

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

RECEIVED



Well No. 1
Farm Federal Government
API #47-025-0025
Date July 22, 1982

JUL 28 1982

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas X /

(If "Gas", Production ___ / Underground storage ___ / Deep X / Shallow ___ /

LOCATION: Elevation: 2828.27 Watershed: Slabcamp Run
District: Falling Springs County: Greenbrier Quadrangle: Alvon, W.Va. Va. 7.5'

WELL OPERATOR ~~Amber Oil Co., Inc.~~ Amber Oil Co., Inc.
Address 1308 Market Street
Parkersburg, WV 26101

DESIGNATED AGENT Donald C. Kesterson
Address P. O. Box 2036
Parkersburg, WV 26102

OIL AND GAS ROYALTY OWNER Federal Government
Address 350 South Pickett St.
Alexandria, Virginia 22304
Acreage

COAL OPERATOR N/A
Address

SURFACE OWNER Federal Government
Address 350 South Pickett Street
Alexandria, Virginia 22304
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME D. Craig Duckworth
Address
Telephone

THIS PERMIT MUST BE POSTED AT THE WELL SITE
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR Drilling . THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 6-19-83
BY *[Signature]*

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated ____, 19__, to the undersigned well operator from Amoco

(If said deed, lease, or other contract has been recorded:)

Recorded on N/A, 19__, in the office of the Clerk of County Commission of ___ County, West Virginia, in ___ Book at page ____. A permit is requested as follows:

PROPOSED WORK: Drill ___ / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) ___

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

TIMBERLINE OIL CO., INC. and AMBER OIL CO., INC.
Well Operator
By: *[Signature]*
Its: *[Signature]* President
[Signature] Donald C. Kesterson
AMBER OIL CO., INC.; President

RECEIVED
MAY 11 1983

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Federal Government
Coal Operator or Owner
350 S. Pickett St. Alexandria, Va. 22304
Address

Coal Operator or Owner
Address

Lease or Property Owner
Address

Fox Drilling Co. Inc.
Name of Well Operator
P.O. Box 129 Glenville, W.V. 26351
Complete Address
March 24 19 83

WELL AND LOCATION
Falling Springs District
Greenbrier County

WELL NO. 47-025-026

Federal Government Form

STATE INSPECTOR SUPERVISING PLUGGING Craig Duckworth

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Calmer

ss:

Noble W. Zickefoose, Jr. and Mark E. Slaughenhaupt

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Fox Drilling Co. Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 25 day of March, 19 83, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
Juniata, Tuscarora	Gel	90 BB1		
	Cement	29.5 CF		
Rose Hill, McKenzie, Williamsport	Gel	82.2 BB1		
	Cement	29.5		
Tonoloway Ls. - Onondaga Ls.	Gel	80.2 BB1		
	Cement	29.5 CF		
Marcellus Shale	Gel	61.5 BB1		
	Cement	29.5 CF		85/8" 2004'
Hamilton Shale	Gel	26.9 BB1		
	Cement	1.7 CF		
Coal Seams		Description of Monument		
(Name)		8 5/8"		
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 25 day of March, 19 83.

And further deponents saith not.

Sworn to and subscribed before me this 10 day of May, 19 83.

Noble W. Zickefoose Jr
Mark E. Slaughenhaupt

Joan Y. Lape
Notary Public

My commission expires:
April 5, 1993

Permit No. 47-025-026 - P

GREEN - 026 - P



1) Date: 13 Feb, 1983
 2) Operator's Well No. Federal Government
 3) API Well No. 47 State County Permit

DRILLING CONTRACTOR:

 Drilling Co/Inc.
 Box 129 Glenville, WV

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas XXXXXX /
 B (If "Gas", Production XXXX / Underground storage / Deep XXXX / Shallow)
- 5) LOCATION: Elevation: 2828.27 Watershed: Slabcamp Run
 District: Falling Springs County: Greenbrier Quadrangle: Alvon 7.5
- 6) WELL OPERATOR Fox Drilling Co, Inc 11) DESIGNATED AGENT Robert E. Fox
 Address P.O. Box 129 Address P.O. Box 129
Glenville, WV 26351 Glenville, WV 26351
- 7) OIL & GAS ROYALTY OWNER Federal Government 12) COAL OPERATOR N/A
 Address 350 South Pickett St. Address
Alexandria, Virginia, 22304
- 8) SURFACE OWNER Federal Government 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address 350 South Pickett St. Name
Alexandria, Virginia, 22304 Address N/A
 Acreage 42 1953 Name
 Address
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name D Craib Duckworth
 Address P.O. Box 157
Branton, WV 26678
- 15) PROPOSED WORK: Drill XXXX / Drill deeper / Redrill / Fracture or stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Tuscarora Sandstone
- 17) Estimated depth of completed well, 6800 feet
- 18) Approximate water strata depths: Fresh, 600 feet; salt, feet.
- 19) Approximate coal seam depths: 800 Is coal being mined in the area? Yes / No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11 3/4"	K55	43	X		90'	90'	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8"	K55	24	X		2000'	2000'	To Surface	
Production	4 1/2"	K55	11.6	X		6800'	6800'	1000 aka	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: T. M. [Signature]
 My Commission Expires 10 Apr 1990

Signed: [Signature]
 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires October 17, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee

[Signature]
 Administrator, Office of Oil and Gas