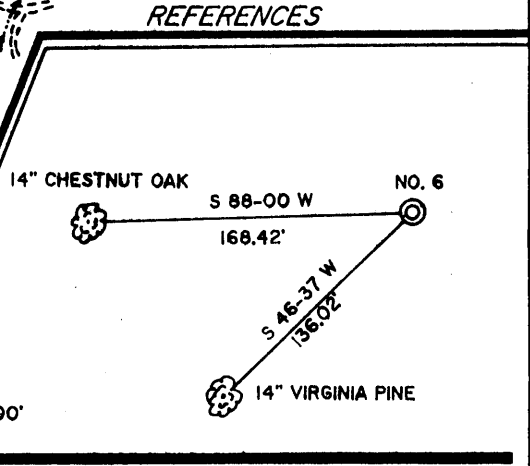
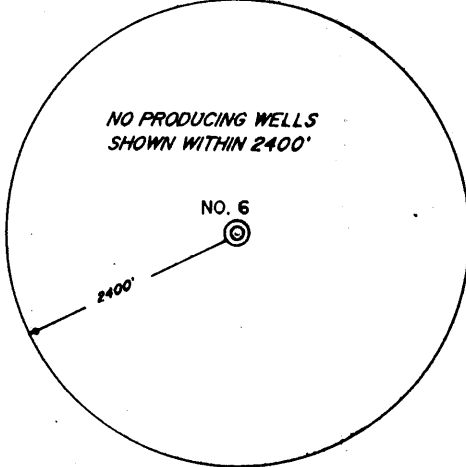
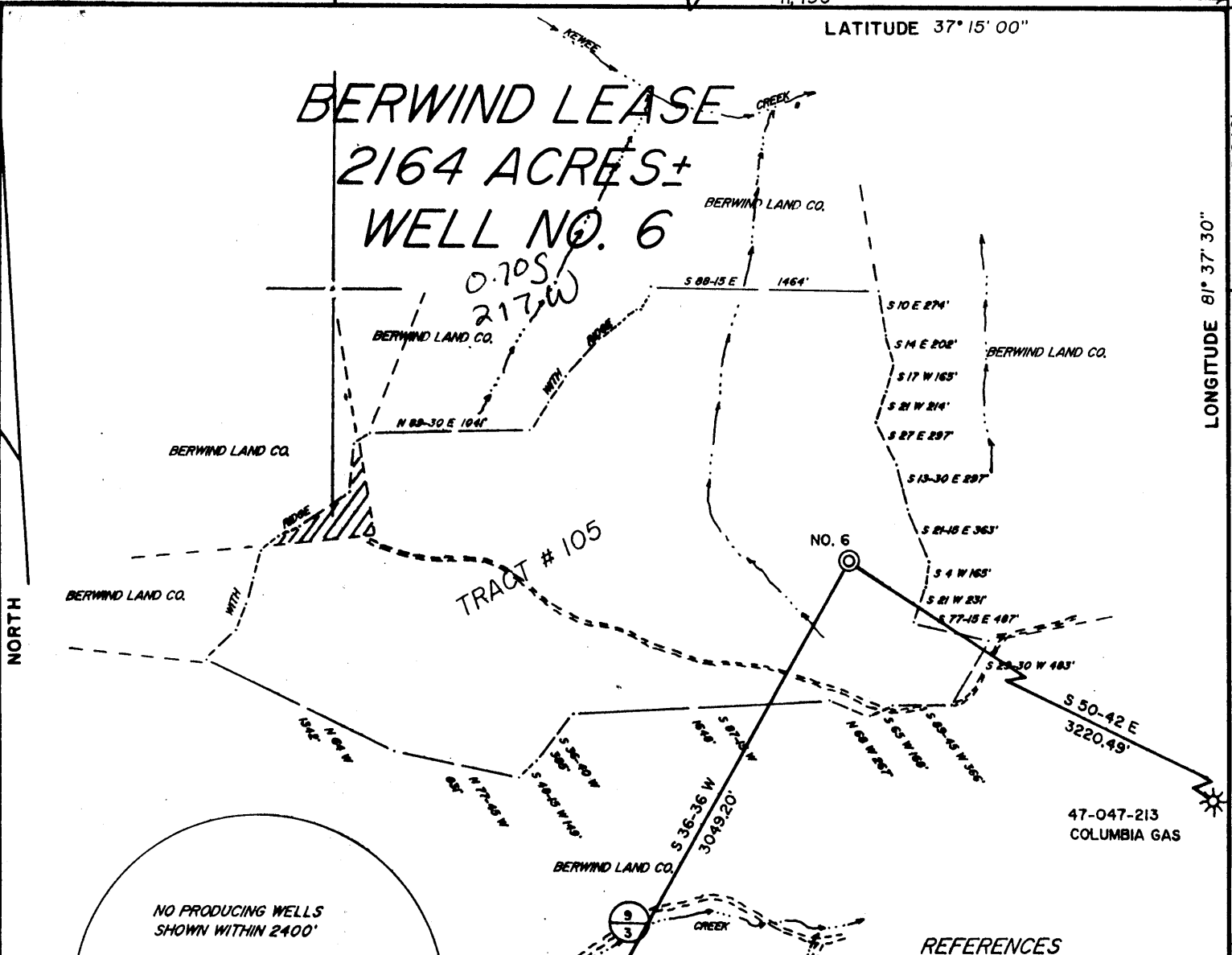


BERWIND LEASE 2164 ACRES± WELL NO. 6



441064.7
4121469.1

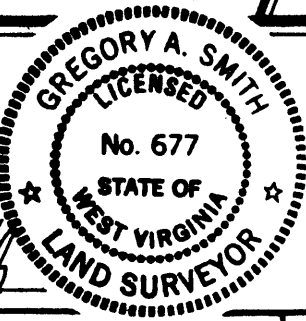
0.705

4.46w

217
229
4.46



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE NOVEMBER 16, 19 92
OPERATORS WELL NO. BERWIND NO. 6
API WELL NO. 47 - 047 - 1184
STATE COUNTY PERMIT

L.L.S. Gregory A. Smith
677

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2921 (41-12)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 2345' SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 2372' WATERSHED KEEWEE CREEK Pounding Mill NG
DISTRICT BIG CREEK 2 COUNTY McDOWELL QUADRANGLE AMONATE 7.5'

SURFACE OWNER BERWIND LAND COMPANY (TRACT 105) ACREAGE 2164 OF 24,625.33
ROYALTY OWNER BERWIND LAND COMPANY LEASE ACREAGE 2164 OF 24,625.33

PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BERA
ESTIMATED DEPTH 5000'

WELL OPERATOR Waco Oil & Gas Inc. 933 DESIGNATED AGENT Stephen Holloway
ADDRESS P.O. Box 397 Glenville, WV 26351 ADDRESS P.O. Box 397 Glenville, WV 26351

COUNTY NAME PERMIT

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

Reviewed IMG

Recorded _____ Well Operator's Report of Well Work

Farm name: BERWIND-LAND COMPANY Operator Well No.: BERWIND #6

LOCATION: Elevation: 2372.00 Quadrangle: AMONATE

District: BIG CREEK County: MCDOWELL
Latitude: 3640 Feet South of 37 Deg. 15Min. 0 Sec.
Longitude 11490 Feet West of 81 Deg. 37 Min. 30 Sec.

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

Agent: STEPHEN E. HOLLOWAY

Inspector: OFIE HELMICK
Permit Issued: 11/23/92
Well work Commenced: 12/16/92
Well work Completed: 12/29/92
Verbal Plugging _____
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5376'
Fresh water depths (ft) _____
None
Salt water depths (ft) _____
235'
Is coal being mined in area (Y/N)? _____
Coal Depths (ft) 291-296, 1005-1010,
1706-1711

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	175	175	C.T.S.
8-5/8"	1656	1656	C.T.S.
4-1/2"		5246	110 Sks.

OPEN FLOW DATA

Producing formation Berea, Gordon 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 2316 MCF/d Final open flow 0 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 WELLSBORE.

RECEIVED

WV Division of Environmental Protection

APR 06 93

Permitting Office of Oil & Gas

For: WACO OIL & GAS CO., INC.

By: Daniel R. Chapman, Geologist

Date: March 30, 1993

1st stage: Gordon (5040-5028) 500 gal 15% HCL, 40,000# 20/40, 504 bbl H₂O, 134 Mcf N₂

2nd stage: Berea (4946-4941) 500 gal 15% HCL, 8000# 80/100, 52,800# 20/40, 880 bbl H₂O, 169 Mcf N₂

Sand, Shale	0	291	1" stream @ 235'
Coal	291	296	
Sand, Shale	296	1005	
Coal	1005	1010	
Sand, Shale	1010	1706	
Coal	1706	1711	
Sand, Shale	1711	3590	
Big Lime	3590	4303	
Shale	4303	4910	
Berea	4910	4955	
Shale	4955	5002	
Gordon	5002	5058	
Shale	5058	5376	T. D.

DF-404

DF-419

RECEIVED

WV Division of
Environmental Protection

APR 06 93

Permitting
Office of Oil & Gas

Lhjt

RECEIVED
WV Division of
Environmental Protection

47-047-01184

FORM WW-2B

NOV 23 92

Page ___ of ___

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
Office of Oil & Gas WELL WORK PERMIT APPLICATION
Issued 11/23/92
Expires 11/23/94

- 1) Well Operator: Waco Oil and Gas Company, Inc. 51800 (2) 210
- 2) Operator's Well Number: Berwind No. 6 3) Elevation: 2372'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): Berea 395
- 6) Proposed Total Depth: 5,000 feet
- 7) Approximate fresh water strata depths: 150'
- 8) Approximate salt water depths: 1,775'
- 9) Approximate coal seam depths: 306.915'
- 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

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	42	200	200	C. T. S.
Coal						3859/11.3
Intermediate	8-5/8"	5	24	1,650	1,650	C. T. S.
Production	4-1/2"	5	10.5		5,000	200 ft. 3
Tubing						3859/11.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

02/19/94 39
 Fee(s) paid Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Serv. Blanket Agent
 (Type)

RECEIVED
 WV Division of Environmental Protection
 NOV 23 1992
 Permitting Office of Oil & Gas

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

1) Date: November 16, 1992
 2) Operator's well number Berwind No. 6
 3) API Well No: 47 - 047 - 1184
 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 Berwind Land Company
 Address 1050 One Valley Square
Charleston, WV 25301
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____
- 5) (a) Coal Operator:
 Name Consolidation Coal Company
 Address P.O. Box 1289
Bluefield, Virginia 24605
 (b) Coal Owner(s) with Declaration
 Name Berwind Land Company
 Address 1050 One Valley Square
Charleston, WV 25301
 Name _____
 Address _____
- 6) Inspector Ofie Helmick
 Address P. O. Box 218
Fanrock, WV 24824
 Telephone (304)- 732-9135
- (c) Coal Lessee with Declaration
 Name Consolidation Coal Company
 Address P. O. Box 1289
Bluefield, Virginia 24605

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 7 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: Stephen E. Holloway Stephen E. Holloway
 Its: Agent
 Address P. O. Box 397
Glenville, WV 26351
 Telephone (304) 462-5347

Subscribed and sworn before me this 16th day of November, 1992
Russell L. Tallhoner Commissioner
 My commission expires September 9th, 2001 Notary Public