

Jamil
4/29/93

LATITUDE 38° 10' 00"

7.5" LOC. +

REFERENCES N.T.S.

PRICHARD #9
(1276)



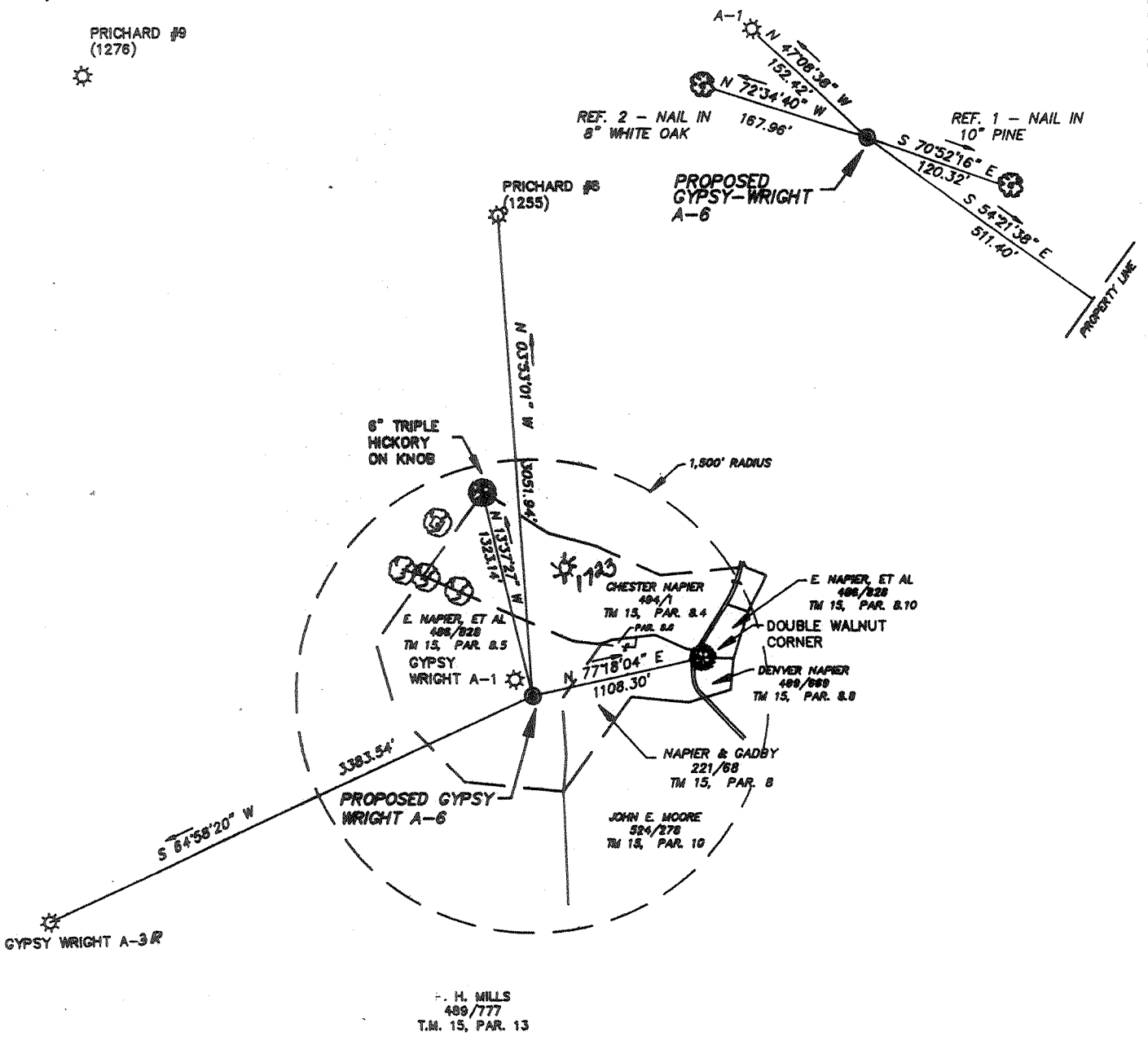
REF. 2 - NAIL IN
8" WHITE OAK

REF. 1 - NAIL IN
10" PINE

PROPOSED
GYPSY-WRIGHT
A-6

NORTH

LONGITUDE 82° 25' 00"



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

FILE No 8723-243
DRAWING No. GYPSY-WRIGHT A-6
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 2500
PROVEN SOURCE OF ELEVATION SPOT ELEV. 1155
ON TOP OF KNOB

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) William J. Whitman R.P.S.
R.P.E. _____ R.P.S. 646

WILLIAM J. WHITMAN
REGISTERED
No. 115
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE MARCH 19 19 93
OPERATOR'S WELL No. GYPSY-WRIGHT
API WELL No. A-6

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 806.60 WATER SHED TWO MILE CREEK
DISTRICT STONEWALL COUNTY WAYNE
QUADRANGLE WAYNE, W. VA. 415 WC

SURFACE OWNER E. NAPIER, ET AL ACREAGE _____
OIL & GAS ROYALTY OWNER GYPSY WRIGHT LEASE ACREAGE _____

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 Big Six ESTIMATED DEPTH 4150'
WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT STEVE TURK
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. 149 CHARLESTON, W. VA.

DEAD WELL 6-0 353

MAR 03 1995

Permitting
Office of Oil & Gas

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas
Well Operator's Report of Well Work

Farm name: NAPIER, EDGAR ET AL

Operator Well No.: GYPSY WRIGHT A-6

Location: Elevation: 806.60

Quadrangle: WAYNE, WV

District: STONEWALL

County: WAYNE

Latitude: 1000 Feet South of 38 Deg. 10 Min. 0 Sec.

Longitude: 6900 Feet West of 82 Deg. 25 Min. 0 Sec.

Company: CABOT OIL & GAS CORPORATION
400 FAIRWAY DRIVE, SUITE 400
CORAOPOLIS, PA 15108

Agent: DAVID G. MCCLUSKEY

Inspector: OFIE HELMICK

Permit Issued: 05/06/93

Well Work Commenced: 06/24/93

Well Work Completed: 07/03/93

Verbal Plugging

Permission granted on:

Rotary Cable _____ Rig _____

Total Depth (feet) 4122'

Fresh water depths (ft) 169'

Salt water depths (ft) 838', 985'

Is coal being mined in area (Y/N)? N

Coal Depths (ft): 330-333, 431-434

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	36'	36'	N/A
9-5/8"	523'	523'	170 SKS CLASS A
7"	1725'	1725'	265 SKS CLASS A
4-1/2"	4030'	4030'	110 SKS CLASS A 90 SKS LATEX

OPEN FLOW DATA

Producing formation BIG SIX

Pay zone depth (ft) 3894-3910
3918-3926

Gas: Initial open flow TSTM MCF/d

Oil: Initial open flow n/a Bbl/d

Final open flow 20 MCF/d

Final open flow n/a Bbl/d

Time of open flow between initial and final tests 4 Hours

Static rock Pressure 1100 psig (surface pressure) after 25 days

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: CABOT OIL & GAS CORPORATION

By: Donald R. Gayle

Date: 3/2/95

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

Perf'd Big Six @ 3,918' to 3,926' & 3,894' to 3,910'. Break down 1st stage w/750 gals of 28% HCl, displaced w/ 26,000 SCF N₂. BD pressure = 4,450 psig; surface ISIP = 2,820 psig. Acid frac w/ 12,000 gals acid & 279,000 N₂. ISIP = 1,450 psig.

FORMATION	TOP	BOTTOM
SAND/SHALE	0	820
SALT SAND	820	1180
SHALE	1180	1240
LITTLE LIME	1240	1280
BIG LIME	1280	1440
MACCRADY	1440	1530
BIG INJUN	1530	1560
SHALE	1560	2020
SUNBURY SHALE	2020	2060
BEREA	2060	2180
SHALE	2180	3200
CORNIFEROUS LIME	3200	3840
BIG SIX	3840	3930
KEEFER	3930	3950
ROCHESTER SHALE	3950	4122
TD		4122

APR 14 93

Permitting Office of Oil & Gas

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

099-1869 Issued 05/06/93 Page of Expires 05/06/95

- 1) Well Operator: Cabot Oil & Gas Corporation 8145 (5) 658
2) Operator's Well Number: Gypsy Wright A-6 3) Elevation: 806.60
4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ / Deep X / Shallow ___ /
5) Proposed Target Formation(s): Big Six 53
6) Proposed Total Depth: 4150 feet
7) Approximate fresh water strata depths: 90, 250
8) Approximate salt water depths: 875, 950, 1290, 1550, 1675
9) Approximate coal seam depths: 313, 425
10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
11) Proposed Well Work: Drill & complete gas well
12) Based on Wayne 1255, 1276, 1182, 1858

CASING AND TUBING PROGRAM

Table with 4 columns: TYPE, SPECIFICATIONS, FOOTAGE INTERVALS, CEMENT. 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

17085

10484

APR 14 1993

Drilling
Office of Oil & Gas

- 1) Date: _____
- 2) Operator's well number
Gypsy-Wright A-6
- 3) API Well No: 47 - 099 - 1869
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Edgar Napier et al
Address Route 1, Box 1586
Wayne, WV 25520
 - (b) Name Chester Napier
Address Route 1, Box 1585
Wayne, WV 25520
 - (c) Name David Napier
Address 4311 Hodgeson Ave.
Cleveland, OH 44109
- 5) (a) Coal Operator:
 - Name Not Operated
Address _____
 - (b) Coal Owner(s) with Declaration
Name columbia Coal Gasification
Address Attn: George Billings
P.O. Box 1130, Ashland, KY 41101
Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Ofie Helmick
Address P.O. Box 218
Fanrock, WV 24835
Telephone (304)- 732-9135

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 _____ on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- X 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 Cabot Oil & Gas Corporation
 By: Steve turk
 Its: Drilling Manager
 Address Three Gateway Center, Suite 2000
Pittsburgh, PA 15222-1011
 Telephone (412) 594-7000

Subscribed and sworn before me this 7th day of APRIL, 1993

Cynthia M. Bowles Notary Public
My commission expires 6-17-96

