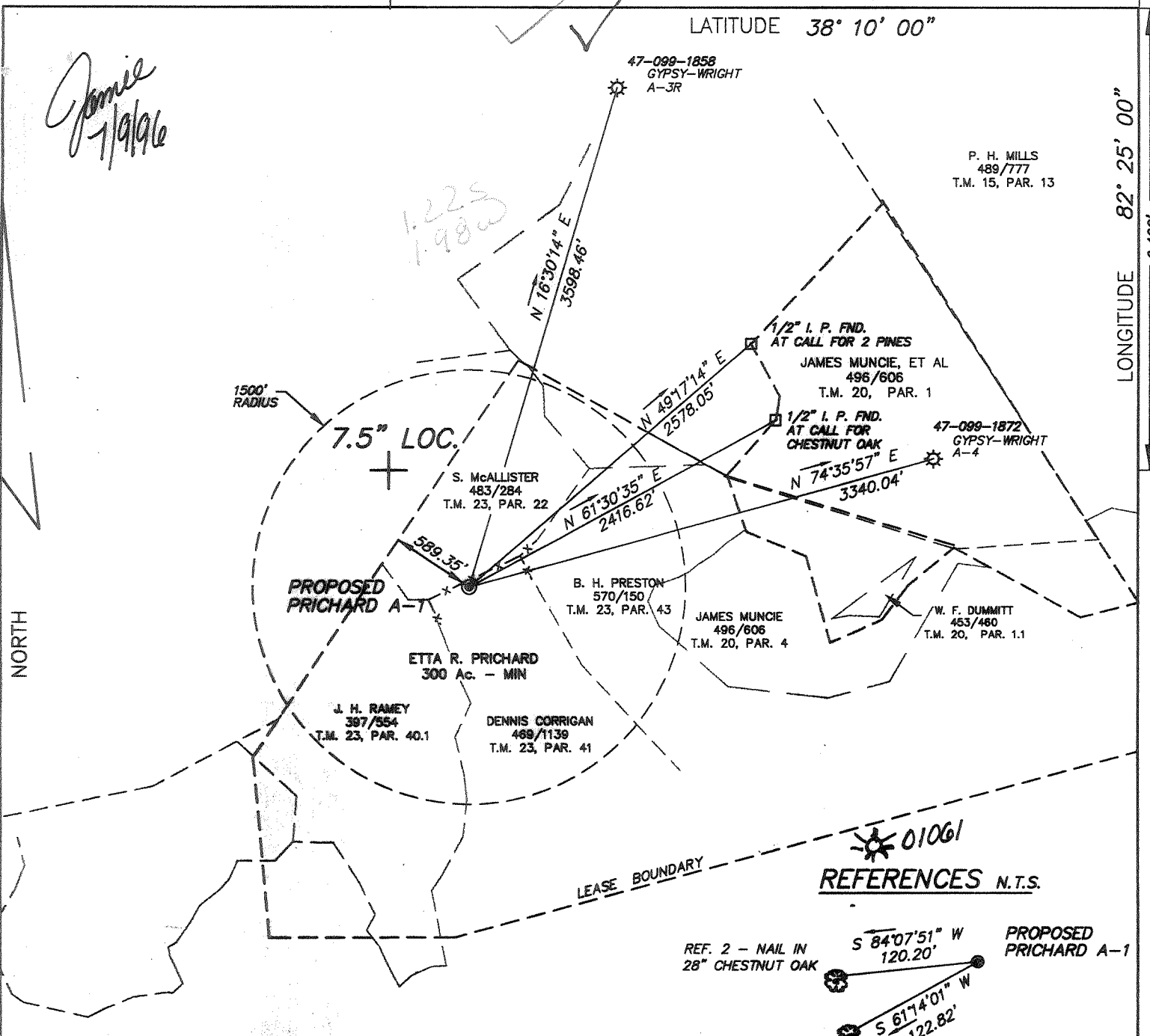


*James
1/9/96*

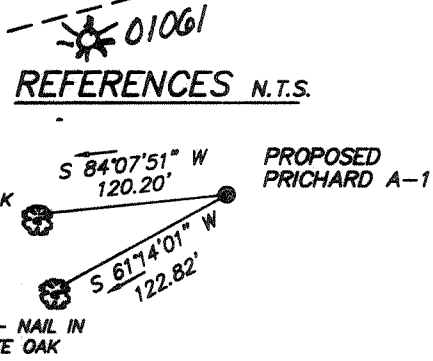
LATITUDE 38° 10' 00"

LONGITUDE 82° 25' 00"



NOTE: NO POSSIBLE WATER SOURCES LOCATED WITHIN 1000' OF PROPOSED LOCATION

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



FILE No. 8723-474
 DRAWING No. PRICHARD A-1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION SPOT ELEV. ON TOP OF KNOB EL. 1155

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. 646



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE MAY 6 19 96
 OPERATOR'S WELL No. PRICHARD A-1
 API WELL No.

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL STATE 47 COUNTY 099-01893 PERMIT
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1036.84 WATER SHED DEEPHOLE BRANCH OF WEST FORK OF TWELVE POLE CREEK
 DISTRICT BUTLER COUNTY WAYNE
 QUADRANGLE WAYNE, W. VA.

SURFACE OWNER DENNIS CORRIGAN ACREAGE 66
 OIL & GAS ROYALTY OWNER ETTA PRICHARD LEASE ACREAGE 300

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 4225'
 TARGET FORMATION Big Six ESTIMATED DEPTH _____
 WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

DEEP WELL

6-6 353

FORM IV-6 (8-78)

JAN 13 1997

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

Well Operator's Report of Well Work

Farm name: Corrigan, Dennis Operator Well No.: Prichard A-1

LOCATION: Elevation: 1,036.84 Quadrangle: Wayne

District: Butler County: Wayne

Latitude: 6400 Feet South of 38 Deg. 10 Min. 0 Sec.

Longitude: 10400 Feet West of 82 Deg. 25 Min. 0 Sec.

Company: Cabot Oil & Gas Corporation
400 Fairway Drive: Suite 400
Coraopolis, PA 15108-4308

Agent: John W. Abshire

Inspector: Richard Campbell

Permit Issued: 07/09/96

Well Work Commenced: 09/14/96

Well Work Completed: 10/04/96

Verbal Plugging

Permission granted on:

Rotary Cable Rig

Total Depth (feet) 4282'

Fresh Water Depths (ft) 219'

Salt Water Depths (ft) 1128', 1368', 3665'

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

Coal Depths (ft)

OPEN FLOW DATA

Producing formation Big Six Pay zone depth (ft) 4024'-4038'
Gas: Initial open flow 1640 MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 2903 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock pressure 1220 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: CABOT OIL & GAS CORPORATION
By: *D. H. Mc...*
Date: 1-8-97

OPEN FLOW DATA

Perf'd Big Six @ 4024' - 4038'. Well kicked off and cleaned up. Open flow - 2,903 MCF.

FORMATION	TOP	BOTTOM
Sand/Shale	0	1522
Big Lime	1522	1675
Big Injun	1675	1812
Shale	1812	2300
Berea	2300	2400
Devonian Shale	2400	3518
Onondaga	3518	4055
Shale	4055	4125
Lockport	4125	4164
Keefer	4164	4282 - TD

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Jeep Well

22185

- 1) Well Operator: Cabot Oil & Gas Corporation ¹⁴⁹ 8145 (D) 659
- 2) Operator's Well Number: Prichard A-1 3) Elevation: 1036.84
- Well type: (a) Oil ___ / or Gas X /
- (b) If Gas: Production X / Underground Storage ___ /
Deep X / Shallow ___
- Proposed Target Formation(s): Big Six ⁵⁴⁸
- Proposed Total Depth: 4225 feet
- 7) Approximate fresh water strata depths: 198, 492
- 8) Approximate salt water depths: 1049, 1130, 1202, 1517
- 9) Approximate coal seam depths: 186', 543', 653'
- 10) Does land contain coal seams tributary to active mine? Yes X / No ___ /
- 11) Proposed Well Work: Drill and complete a gas well
- 12) Based on Wayne 1858, 1872 and coal company maps

Issued 07/09/96
Expires 07/09/98

RECEIVED
WV Division of
Environmental Protection
JUN 17 1996
Permitting
Office of Oil & Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		Weight per ft.	For drilling	FOOTAGE INTERVALS Left in well	CEMENT Fill-up (cu. ft.)
	Size	Grade				
Conductor	16"	L.S.	65#	30'	30'	10sk (GFS)
Fresh Water					<u>GFS</u>	<u>38CSR/18/1.3</u>
Coal	9 ⁵ / ₈ "	L.S.	32#	700'	700'	<u>38CSR/18/1.2.2</u> 250sk (CTS)
*optional Intermediate	7" *	L.S.	20#	1850'	650'	70sk
Production	4 ¹ / ₂ "	M-70	11.6#	4175'	4175'	125sk
Tubing						<u>38CSR/18/1.1</u>
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

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

* 7" casing may be set, at company's discretion, if wet below 9⁵/₈" casing.



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

July 8, 1996

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

Re: Application for Permit #47-099-01893 to drill deep well.

COMPANY: Cabot Oil and Gas Corporation

FARM: Corrigan - Pritchard #A-1

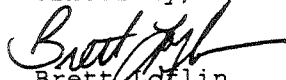
COUNTY: Wayne DISTRICT: Butler QUAD: Wayne

The application of the above company is Approved for Big Six.
(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 **589** 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

*3,598 feet to 47-099-01858 3,340 feet to 47-099-01872
4,000 feet to 47-097-01067P 4,150 feet to 47-099-01042

RECEIVED

WV Division of Environmental Protection

JUN 17 1996

Permitting Office of Oil & Gas

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

- 1) Date: JUNE 20, 1996
2) Operator's well number Prichard A-1
3) API Well No: 47 - 099 - 1893 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 Dennis Corrigan Address 1994 Lakeview Oxford, MI 48501 (b) Name Address (c) Name Address
6) Inspector Richard S. Campbell Address P.O. Box 77 Sumerco, WV 25567 Telephone (304)- 524-7939

- 5) (a) Coal Operator: Name Not Operated Address (b) Coal Owner(s) with Declaration Name Columbia Coal Address attn: George Billings P.O. Box 2469 Huntington, WV 25724-2469 Name Address (c) Coal Lessee with Declaration Name 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

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: John W. Albine
Its: Geologist
Address 400 Fairway Drive, Suite 400 Coraopolis, PA 15108
Telephone (412)299-7000

Subscribed and sworn before me this 20th day of JUNE, 1996

Notarial Seal Cynthia M. Bowles, Notary Public, Harrisburg, Washington County, My Commission Expires June 17, 2000

My commission expires

Notary Public