

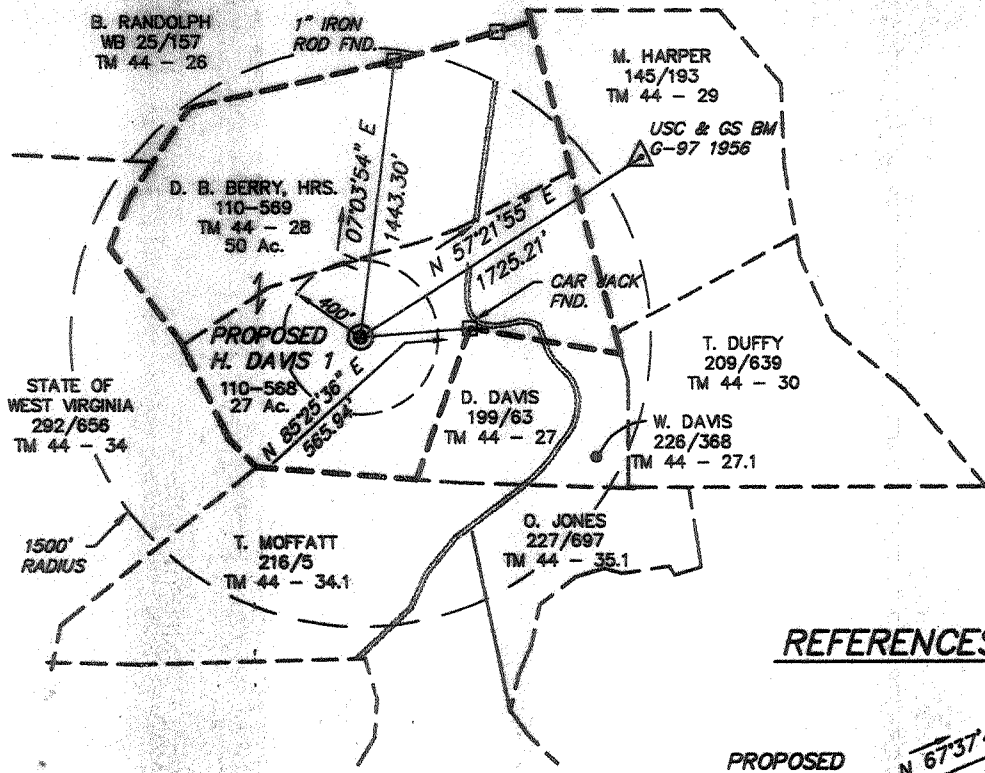
James
6/17/96

LATITUDE 38° 37' 30"

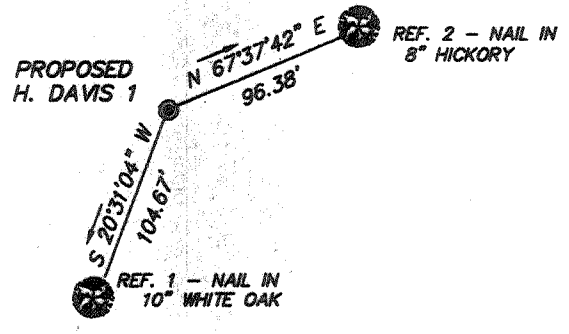
7.5' LOC.

0.055
0.48w

LONGITUDE 81° 32' 30"



REFERENCES N.T.S.



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

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

FILE No 8723-456
DRAWING No. H. DAVIS 1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 2500
PROVEN SOURCE OF ELEVATION USC & GS BM G-97 1956 EL. 900.0

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.E. _____ R.P.S. 646



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



DATE FEBRUARY 14 19 96
OPERATOR'S WELL No. H. DAVIS 1
API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 035 PERMIT 02344
(IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 989.86 WATER SHED SECOND CREEK
DISTRICT WASHINGTON COUNTY JACKSON
QUADRANGLE ROMANCE, W. VA.

SURFACE OWNER D. B. BERRY HEIRS ACREAGE 77
OIL & GAS ROYALTY OWNER H. DAVIS 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) 6-0 000

PLUG AND ABANDON. CLEAN OUT AND REPLUG
TARGET FORMATION Chickany ESTIMATED DEPTH 5500'
WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. ADDRESS CHARLESTON, W. VA.

DEEP WELL

FORM IV-6 (8-78)

JAN 10 1997

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

Permitting
 Office of Oil & Gas Well Operator's Report of Well Work

Farm name: Berry, D.B. Heirs Operator Well No.: H. Davis #1

LOCATION: Elevation: 989.86 Quadrangle: Romance

District: Washington County: Jackson
 Latitude: 400 Feet South of 38 Deg. 37 Min. 30 Sec.
 Longitude: 2600 Feet West of 81 Deg. 32 Min. 30 Sec.

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

Agent: John W. Abshire

Inspector: HOMER DAUGHERTY
 Permit Issued: 06/10/96
 Well Work Commenced: 06/20/96
 Well Work Completed: 10/02/96
 Verbal Plugging
 Permission granted on: 08/30/96
 Rotary X Cable Rig
 Total Depth (feet)
 Fresh Water Depths (ft) 100'

Salt Water Depths (ft) 725', 1800', 1904', 6211'

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

Coal Depths (ft) *PLUGGED & ABANDONED

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
20"	30'	30'	
13-3/8"	557'	557'	410 sks Neat
9-5/8"	2174'	1492'	240 sks Class "A"
7"	5293'	1763'	90 sks Neat
4-1/2"	5607'	1277'	85 sks RFC

OPEN FLOW DATA

* Producing formation	<u>Oriskany</u>	Pay zone depth (ft)	<u>5409' -5417'</u>
Gas: Initial open flow	<u>60</u> MCF/d Oil:	Initial open flow	<u>N/A</u> Bbl/d
Final open flow	<u>119</u> MCF/d	Final open flow	<u>N/A</u> Bbl/d
Time of open flow between initial and final tests		<u>4</u>	Hours
Static rock pressure	<u>600</u> psig (surface pressure after	<u>14</u>	Hours
Second producing formation	<u> </u>	Pay zone depth (ft)	<u> </u>
Gas: Initial open flow	<u> </u> MCF/d Oil:	Initial open flow	<u> </u> Bbl/d
Final open flow	<u> </u> MCF/d	Final open flow	<u> </u> Bbl/d
Time of open flow between initial and final tests		<u> </u>	Hours
Static rock pressure	<u> </u> psig (surface pressure after	<u> </u>	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: John W. Abshire

Date: 1/2/97

JAN 21 1997

OPEN FLOW DATA

Perf'd Oriskany @ 5409' - 5417'. Broke down with 250 gals 15% HCl acid and 77 bbls of H2O. Break down pressure - 6028 psi. ISIP - 3735 psi. Frac well with 75Q foam with 23,800# of 20/40 mesh sand. ATP - 5527 psi. AIR - 4.4 bpm and 14,291 SCFM. ISIP - 4400 psi. Total N2 - 477,200 SCF.

FORMATION	TOP	BOTTOM
Silt/Shale	0	990
Sand	990	1060
Shale	1060	1100
Sand	1100	1165
Siltstone	1165	1595
Sand	1595	1922
Limestone	1922	2084
Injun	2084	2122
Shale	2122	2530
Berea	2530	2531
Shale	2531	5268
Onondaga	5268	5400
Oriskany	5400	5415
Limestone	5415	5600
Dolomite	5600	6205
Newburg	6205	6217 - TD

RECEIVED
WV Division of Environmental Protection

DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: CABOT OIL & GAS CORPORATION 8145 (5) 584
- 2) Permitting Office of Oil & Gas Operator's Well Number: H. Davis #1 3) Elevation: 989.86
- 4) Well type: (a) Oil / or Gas X /
 (b) If Gas: Production X / Underground Storage /
 Deep X / Shallow /
- Proposed Target Formation(s): Oriskany
- Proposed Total Depth: 5500 feet
- Approximate fresh water strata depths: 262
- 8) Approximate salt water depths: 1600, 1900
- 9) Approximate coal seam depths: 473
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill and complete a gas well. New Well
- 12) Based on Jackson 216, 876

Issued 06/10/96
Expires 06/10/98

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	20"	L.S.		30'	30'	30 sks (GFS)
Fresh Water	13-3/8"	L.S.	54.5#	525'	525'	400 sks (CTS)
Coal	9-5/8"	L.S.	32#	2150'	2150'	730 sks (CTS)
Intermediate	7"	J-55	23#	5280'	5280'	80 sks
Production	4-1/2"	M-75	11.6#	5500'	5500'	60 sks
Tubing						
Liners						

38581/11.3
38581/11.2.2

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Office of Oil and Gas Use Only

1461
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket (Type) Agent

22075

RECEIVED
WV Division of
Environmental Protection
MAY 24 1996

1) Date: _____
2) Operator's well number
H. Davis #1
3) API Well No: 47 - 035 - 2344
State County Permit

Permitting
Office of Oil and Gas
STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served: 5) (a) Coal Operator:
- (a) Name D.B. Berry Heirs Name Not Operated
 Address c/o Helen B. Davis et al Address _____
1304 Village Drive, South Charleston,
 (b) Name _____ WV 25309 (b) Coal Owner(s) with Declaration
 Address _____ Name D.B. Berry Heirs
 Address c/o Helen B. Davis et al
1304 Village Dr., South Charleston, WV 25309
 (c) Name _____ Name _____
 Address _____ Address _____
- 6) Inspector Glen Robinson (c) Coal Lessee with Declaration
 Address Box 1 Name _____
Belleville, WV 26133 Address _____
 Telephone (304)- 863-8766

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
 Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 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)
 Certified Mail (Postmarked postal receipt attached)
 _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 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: [Signature]
 Its: Engineering Manager
 Address 400 Fairway Drive, Suite 400
Coraopolis, PA 15108
 Telephone 412-299-7000

Subscribed and sworn before me this 15th day of APRIL, 1996

[Signature] Notary Public
 My commission expires JUNE 17, 1996

Notarial Seal
 Cynthia M. Bowles, Notary Public
 Charters Twp., Washington County
 My Commission Expires June 17, 1996
 Member, Pennsylvania Association of Notaries



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

May 30, 1996

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

Re: Application for Permit #47-035-02344 to drill deep well.

COMPANY: Cabot Oil and Gas, Inc.

FARM: D. B. Berry Heirs/H. Davis #1

COUNTY: Jackson DISTRICT: Washington QUAD: Romance

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; **none**

3.) Provided a plat showing that the proposed location is a distance of **850** 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