



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION U.S.G.S. ELEV ON HEADWALL, W. SIDE OF RT. 18

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) George J. Duffer Jr.
 R.P.E. 6582 L.L.S. _____

PLACE SEAL HERE

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



DATE September 8 19 81
 OPERATOR'S WELL NO. C&P D-9
 API WELL NO. _____
47 - 017 - 3048
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 900 WATER SHED TOMS FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 7.5 MIN. Vachs 15' NW
 SURFACE OWNER DENVER & MACEL COX ACREAGE 46
 OIL & GAS ROYALTY OWNER D. COX ET AL LEASE ACREAGE 38
 LEASE NO. _____
 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 Alexander ESTIMATED DEPTH 5600'
 WELL OPERATOR C&P Oil & Gas Co. DESIGNATED AGENT Guy Morris
 ADDRESS 437 Holden ST ADDRESS 437 Holden ST.
Clarksburg, W.Va. Clarksburg, W.Va.

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DEC 10 1981



IV-35 (Rev 8-81)

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

State of West Virginia

Department of Mines Oil and Gas Division

Date 10/19/81

Operator's

Well No. C & P D-9

Farm D. Cox

API No. 47 - 017 - 3048

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 ___ / Shallow x /)

LOCATION: Elevation: 900' Watershed Toms Fork

District: New Milton County Doddridge Quadrangle New Milton

COMPANY C&P Oil and Gas Company

ADDRESS 437 Holden St., Clarksburg, WV

DESIGNATED AGENT Guy Morris

ADDRESS 437 Holden St., Clarksburg, WV

SURFACE OWNER D. Cox

ADDRESS New Milton, WV

MINERAL RIGHTS OWNER D. Cox

ADDRESS New Milton, WV

OIL AND GAS INSPECTOR FOR THIS WORK Steve

Casey ADDRESS Jane Lew, WV

PERMIT ISSUED September 8, 1981

DRILLING COMMENCED October 4, 1981

DRILLING COMPLETED October 11, 1981

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON N/A

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes like 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Alexander Depth 5600 feet

Depth of completed well 5237 feet Rotary x / Cable Tools

Water strata depth: Fresh 93 feet; Salt feet

Coal seam depths: None Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Riley, Benson, Alexander Pay zone depth 5197' feet

Gas: Initial open flow None Mcf/d Oil: Initial open flow Bbl/d

Final open flow 581 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 1500 psig (surface measurement) after 16 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)

JAN - 8 1982

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

Alexander, Benson, Riley - 20,000 lbs - 80/100 Sand
 40,000 lbs - 20/40 Sand
 620 BBLs S.L.F.

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 and Shale			0	684	
Red Rock			684	646	
Sand and Shale			646	784	
Red Rock			784	789	
Sand and Shale			789	845	
Sand and Shale			845	885	
Shale			885	895	
Sand and Shale			895	901	
Red Rock			901	905	
Sand and Shale			905	939	
Sand			939	948	
Sand and Shale			948	955	
Red Rock			955	963	
Sand and Shale			963	1011	
Shale			1011	1190	
Sand			1190	1420	
Shale			1420	1915	
Big Lime			1915	2055	
Shale			2055	2181	
Big Injun			2181	2292	
Sand and Shale			2292	2720	
Fourth Sand			2720	2748	
Sand			2748	2778	
Sand and Shale			2778	3000	
Shale			3000	3255	
Sand and Shale			3255	4890	
Benson			4890	4905	
Sand and Shale			4905	5135	
Sand			5135	5250	
Sand and Shale		ALEX	5250	5300	
Total Depth			5300'		

(Attach separate sheets as necessary)

C&P Oil and Gas Company

Well Operator

By:

Dete Puri

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."



Well No. C & P D-9
Farm Cox
API # 47-017-3048
Date Sept. 4, 1981

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas
(If "Gas", Production / Underground storage / Deep / Shallow)

LOCATION: Elevation: 900 Watershed: Tom's Fork
District: New Milton County: Doddridge Quadrangle: New Milton

WELL OPERATOR C & P OIL & GAS COMPANY
Address 437 Holden Avenue
Clarksburg, WV 26301

DESIGNATED AGENT GUY E. MORRIS, JR.
Address 437 Holden Avenue
Clarksburg, WV 26301

OIL AND GAS
ROYALTY OWNER Denver Cox, et al
Address New Milton, WV 26411
Acreage 38

COAL OPERATOR Willis G. Tétrick
Address Union National Center
Clarksburg, WV 26301

SURFACE OWNER Denver Cox
Address New Milton, WV 26411
Acreage 46

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME unknown at present time
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Stephen Casey
Address Rt. 2, Box 232-D
Jane Lew, WV 26378
Telephone 884-7470

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated 6/27, 1981, to the undersigned well operator from Clarence W. Mutschelknaus.

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

Recorded on Sept. 1, 1981, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in 121 Book at page 721. 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

BLANKET BOND

C & P OIL & GAS COMPANY

Well Operator

By: _____

Guy E. Morris, Jr.

Partner

Its: _____

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Unknown

Address _____

GEOLOGICAL TARGET FORMATION Alexander

Estimated depth of completed well 5600 feet. Rotary x / Cable tools /
Approximate water strata depths: Fresh, 60 feet; salt, feet.
Approximate coal seam depths: 450 .
Is coal being mined in this area: Yes / No x /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor	11-3/4	H-40	42	X			30	Kinds
Fresh water								
Coal								Sizes
Intermed.	8-5/8	J-55	23	X		1200	1200	<i>To Surface</i>
Production	4-1/2	J-55	10-1/2	X			5600	<i>H2O</i> Depths set
Tubing								
Liners								Perforations:
								Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-23-82.

[Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner X / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: Sept. 11, 19 81.

WILLIS G. TETRICK, JR., et al

By: *[Signature]*

Its: Agent.