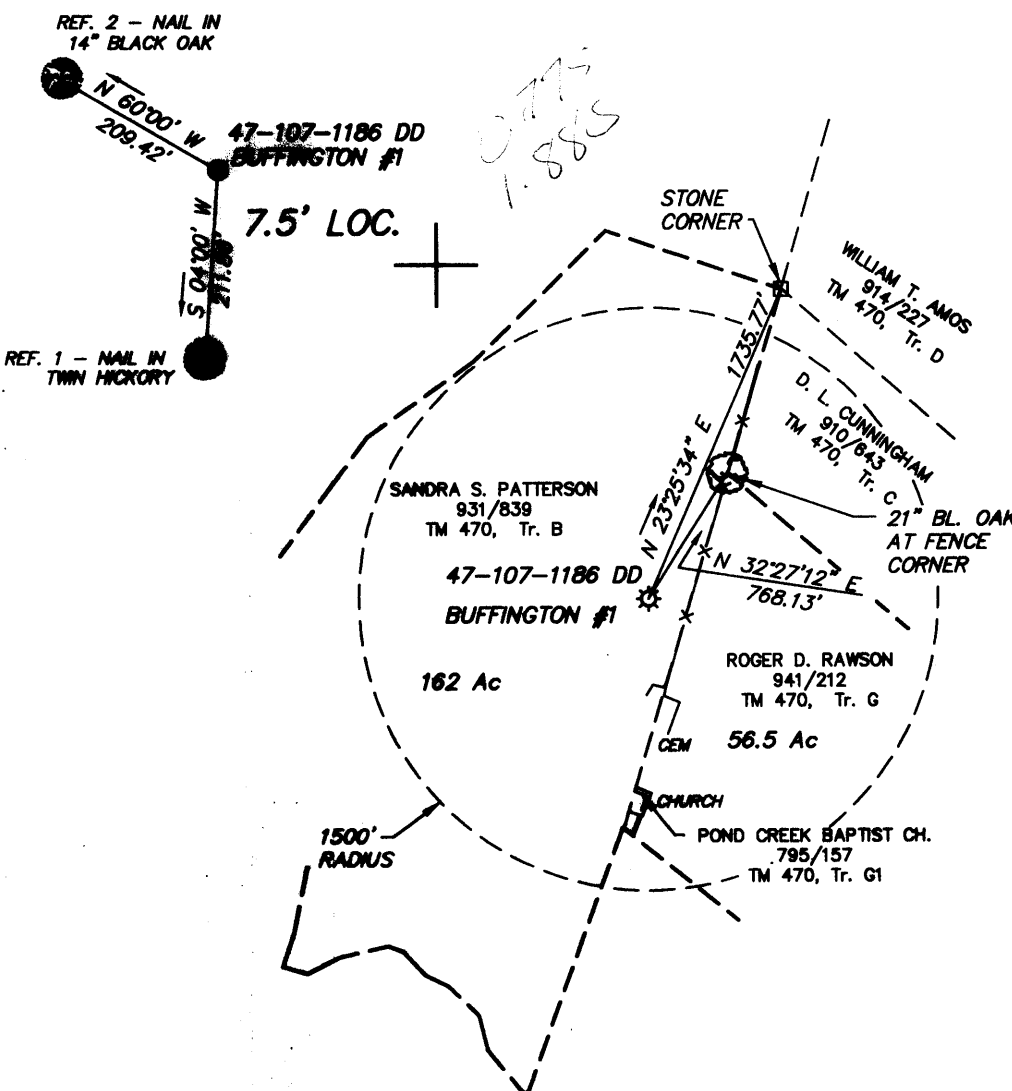


9,950'

LATITUDE 39° 05' 00"

REFERENCES N.T.S.

LONGITUDE 81° 37' 30"



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

FILE No 8723-503

DRAWING No. BUFFINGTON #1

SCALE 1" = 1000'

MINIMUM DEGREE OF ACCURACY 1 : 2500

PROVEN SOURCE OF ELEVATION INTERSECTION OF ROAD S.E. OF LOC. EL = 620

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 RPS

R.P.E. _____ R.P.S. 646



PLACE SEAL HERE

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

DATE AUGUST 26 19 96

OPERATOR'S WELL No. BUFFINGTON #1
 API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___

LOCATION: ELEVATION 823.99 WATER SHED POND CREEK
 DISTRICT STEELE COUNTY WOOD
 QUADRANGLE POND CREEK, W. VA.- OHIO

SURFACE OWNER SANDRA S. PATTERSON ACREAGE 162
 OIL & GAS ROYALTY OWNER BUFFINGTON & RAWSON LEASE ACREAGE 270
 LEASE No. _____

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR
 STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW
 FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG _____

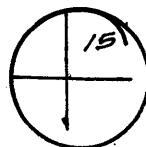
TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. 5-5 256 CHARLESTON, W. VA.

007 6 1996

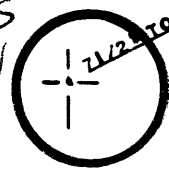
FORM IV-6 (8-78)

DEAD WELL



0.80S
4.12W

0.80S
1.89W



GARY BRYANT
T.M. 360/E
60 AC.

C.E. WOODYARD
T.M. 360/F
12 AC.

HARRY McEIFRESH
T.M. 360/G
10 AC.

PARKERSBURG N.C.O. CLUB
T.M. 360/B
57.78 AC.

W.B. AMOS
T.M. 470/D
30 AC.

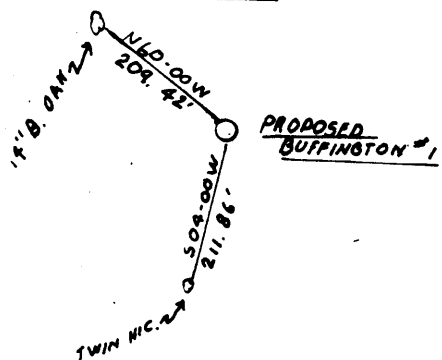
F. RODNEY E
DONNA BUFFINGTON
T.M. 470/B
D.B. 398/410
162 AC.
(2ND TRACT)

NORMA BUFFINGTON
T.M. 470/C
30 AC.

BETTY J. HARVEY
T.M. 470/A
55.7 AC.

DOYLE HALE
T.M. 470/78
56 AC.

REF.



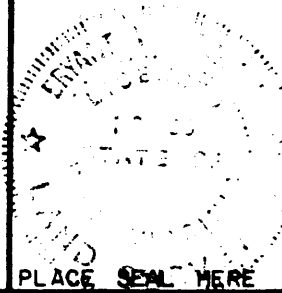
HOWARD BUFFINGTON
T.M. 550/A
85 AC.

RODNEY BUFFINGTON
T.M. 550/B
62 AC.

CHARLES CONRAD
T.M. 550/C
88 AC.

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000 FT.
MINIMUM DEGREE OF ACCURACY 1 IN 200
PROVEN SOURCE OF ELEVATION INTERSECTION OF ROAD 620 APPROX. 1700 S. E.

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) Bryan S. Souman
R.P.E. _____ L.L.S. 736



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



DATE SEPTEMBER 22, 1981
OPERATOR'S WELL NO. BUFFINGTON #1
API WELL NO. _____
47 - 107 - 1186
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___ X)
LOCATION: ELEVATION 823.99' WATER SHED POND CREEK
DISTRICT STEELE COUNTY WOOD
QUADRANGLE POND CREEK (7 1/2') Bellville 15'SC
SURFACE OWNER F. RODNEY & DONNA BUFFINGTON ACREAGE 162
OIL & GAS ROYALTY OWNER F.R. BUFFINGTON LEASE ACREAGE 270
LEASE NO. 47-5996
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 BR. SHALE ESTIMATED DEPTH 4500'
WELL OPERATOR CABOT OIL AND GAS CORP. DESIGNATED AGENT JIM GRAMBLETT 256
ADDRESS P.O. BOX 628 ADDRESS P.O. BOX 628
CHARLESTON W.Va. CHARLESTON W.Va.

DEC 4 1981

Division of
 Environmental Protection
 1997
 Permitting
 Office of Oil & Gas

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas
 Well Operator's Report of Well Work

Farm name: Rawson, Karen & Roger Operator Well No.: Buffington #1
 LOCATION: Elevation: 823.99 Quadrangle: Pond Creek
 District: Steele County: Wood
 Latitude: 4.100 Feet South of 39 Deg. 5 Min. 0 Sec.
 Longitude: 9.950 Feet West of 81 Deg. 37 Min. 30 Sec.

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

Agent: John W. Abshire
 Inspector: Glen Robinson
 Permit Issued: 10/03/96
 Well Work Commenced: 12/21/96
 Well Work Completed: 2/24/97
 Verbal Plugging
 Permission granted on:
 Rotary X Cable Rig
 Total Depth (feet) 4776'
 Fresh Water Depths (ft) -
 Salt Water Depths (ft) -
 Is coal being mined in area (Y / N)? N
 Coal Depths (ft) N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
9-5/8"	331.50	331.50	110 sks
7"	2015.60	2015.60	350 sks
4-1/2"	4534.93	4534.93	130 sks
2-7/8"	4769'	4769'	55 sks Class "A"

OPEN FLOW DATA

Producing formation Marcellus Pay zone depth (ft) 4444' - 4456'
 Gas: Initial open flow TSTM MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 253 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock pressure 775 psig (surface pressure after 72 Hours
 Second producing formation Brown Shale Pay zone depth (ft) 3544' - 3960'
 Gas: Initial open flow TSTM MCF/d Oil: Initial open flow N/A Bbl/d
 Final open flow 253 MCF/d Final open flow N/A Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock pressure 775 psig (surface pressure after 72 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: *Ray Prudnick, Jr.*
 Date: 5-7-97

MAY 19 1997

OPEN FLOW DATA

Third producing formation	Oriskany	Pay zone depth (ft)	4670' - 4688'
Gas: Initial open flow	84	MCF/d Oil:	Initial open flow
Final open flow	2883	MCF/d	Final open flow
Time of open flow between initial and final tests			4
Static rock pressure	1625	psig (surface pressure after	44
			Bbl/d
			Bbl/d
			Hours
			Hours

2/12/81: Ran 1000 gals KCl -H2O and Cla-Sta. Perf'd Marcellus from 4444' - 4456' (48 holes). Ran Petro-Tech Stress frac. Broke down with 2600 psi. ATP = 2300 psi. AIR = 37,500 SCFM (47.4 bbls/min). Total N2 - 862,500 SCF. ISIP = 2000 psi. After 15 mins. = 1950 psi.

2/16/81: Perf'd Brown Shale from 3544' - 3960' (25 holes).

2/17/81: Pumped 1000 gals of 15% HCl. Break down pressure = 1800 psi. Treated with 90,000# 20/40 mesh sand. AIR = 13.9 bpm with 24,000 SCFM N2. ATP = 2379 psi. Total fluid: 375 bbls. Sand laden: 325 bbls. Total N2: 648,000 SCF. ISIP = 1400 psi. After 15 mins. = 1225 psi.

Perf'd Oriskany @ 4670' - 4688'. Broke down with 250 gals 15% HCl at 3850 psi. ISIP = 2310 psi. Frac with 30# gel H2O (data frac), 27,000# 20/40 mesh sand. AIR = 15 bpm. ATP = 4300 psi. ISIP = 2900 psi.

FORMATION	TOP	BOTTOM
Sand/Shale	0	348
Sand	348	418
Shale	418	619
Sand	619	670
Shale	670	1153
Sand	1153	1190
Shale	1190	1274
Sand	1274	1335
Shale	1335	1366
Sand	1366	1705
Big Lime	1705	1796
Shale	1796	2224
Sunbury Shale	2224	2255
Berea	2255	2257
Shale	2257	2510
Sandy Shale	2510	2540
Shale	2540	3736
Huron	3736	3961
Shale	3961	4326
Marcellus	4326	4556 - original TD
Onondaga	4568	4590
Chert	4590	4660
Oriskany	4660	4694
Helderberg	4694	4776 - TD



Date February 17, 1982
 Operator's Well No. #1
 Farm Buffington
 API No. 47 - 107 - 1186

State of West Virginia
 Department of Mines
 Oil and Gas Division

RECORDED
 FEB 22 1982
 COUNTY CLERK

WELL OPERATOR'S REPORT
 OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas XX / Liquid Injection / Waste Disposal /
 (If "Gas," Production / Underground Storage / Deep / Shallow XX /)

LOCATION: Elevation: 823.99' Watershed Pond Creek
 District: Steele County Wood Quadrangle Pond Creek

COMPANY Cabot Oil & Gas Corporation
 ADDRESS P.O. Box 628, Chas., WV 25322
 DESIGNATED AGENT Richard P. Parsons
 ADDRESS P.O. Box 628, Chas., WV 25322
 SURFACE OWNER F. R. Buffington
 ADDRESS Rt. 1, Belleville, WV 26133
 MINERAL RIGHTS OWNER F. R. Buffington
 ADDRESS Rt. 1, Belleville, WV 26133
 OIL AND GAS INSPECTOR FOR THIS WORK Deo
Mace ADDRESS Rt. 1, Box 55 Sandridge, WV 25274
 PERMIT ISSUED November 9, 1981
 DRILLING COMMENCED November 30, 1981
 DRILLING COMPLETED December 5, 1981

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"			
9 5/8	331.50	331.50	110 sks
8 5/8			
7	2015.60	2015.60	350 sks
5 1/2			
4 1/2	4534.93	4534.93	130 sks
3			
2-3/8		4446.91	
Liners used			

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

GEOLOGICAL TARGET FORMATION Brown Shale Prop. Depth 4562' feet
 Depth of completed well 4556' feet Rotary XX / Cable Tools
 Water strata depth: Fresh feet; Salt feet
 Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA
 Producing formation Marcellus, Brown Shale Marcellus 4444' - 4456'
 Brown Shale 3544' - 3960' Pay zone depth feet
 Gas: Initial open flow TSTM Mcf/d Oil: Initial open flow Bbl/d
 Final open flow 253 Mcf/d Final open flow Bbl/d
 Time of open flow between initial and final tests hours
 Static rock pressure 775# psig(surface measurement) after 72 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

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

2/12/81 - Ran 1000 gal KCL - H₂O & Cla-Sta. Perforated Marcellus from 4444' - 4456' (48 holes).
 Ran Petro-Tech Stress Frac. Broke down w/2600 PSI. Avg Treating Press: 2300#.
 Avg Injection Rate: 37,500 SCF/min (47.4 bbls/min). Total N₂: 862,500 SCF. Instant
 Shut In Press: 2000#; after 15 min - 1950#.

2/16/81 - Perforated Brown Shale from 3544' - 3960' (25 holes).

2/17/81 - Pumped 1000 gals 15% HCL. Break down press 1800#. Treated w/90,000# 20/40 Sand.
 Avg Injection Rate: 13.9 BPM w/24,000 SCF/min of Nitrogen. Avg Treating Press: 2379#.
 Total fluid: 375 bbls. Sand laden: 325 bbls. Total Nitrogen 648,000 SCF.
 Instant Shut In Press: 1400#; after 15 min - 1225#.

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 & Shale			0	348	
Sand			348	418	
Shale			418	619	
Sand			619	670	
Shale			670	1153	
Sand			1153	1190	
Shale			1190	1274	
Sand			1274	1335	
Shale			1335	1366	
Sand			1366	1705	
Big Lime			1705	1796	
Shale			1796	2224	
Sunbury Shale			2224	2255	
Berea			2255	2257	
Shale			2257	2510	
Sandy Shale			2510	2540	
Shale			2540	3736	
<u>Huron</u>			3736	3961	
Shale			3961	4326	
<u>Marcellus</u>			4326	4556	
				DTD 4556	
				LTD 4577	

(Attach separate sheets as necessary)

CABOT OIL AND GAS CORPORATION

Well Operator

By: MM Dawson

Date: February 19, 1982

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."

RECEIVED
FOR THE STATE OF
WEST VIRGINIA
Department of
Environmental Protection

STATE OF WEST VIRGINIA

DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WELL WORK PERMIT APPLICATION

JUL 25 1988

149

8145

6

553

- 1) Permitting Operator: Cabot Oil & Gas Corporation
- 2) Operator's Well Number: Buffington #1
- 3) Elevation: 823.99
- 4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production X / Underground Storage /
 Deep X / Shallow /
- Proposed Target Formation(s): Oriskany 475
- Proposed Total Depth: 4900 feet
- Approximate fresh water strata depths: None indicated on original drilling records
- Approximate salt water depths: None
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No X /
- 11) Proposed Well Work: Drill existing well from original depth of 4556' to 4990' and complete the Oriskany Formation.
- 12) Existing.

Issued 10/03/96
Expires 10/03/98

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						
Fresh Water						
Coal	9 ⁵ / ₈ "			331.5'	331.5'	110 sks
Intermediate	7"			2015.6'	2015.6'	350 sks
Production	4 ¹ / ₂ "			4534.9'	4534.9'	130 sks
Tubing						
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)

22335

145 54 23

14



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

October 2, 1996

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

Re: Application for Permit #47-107-01186DD drill deep well.

COMPANY: CABOT OIL AND GAS CORPORATION

FARM: Patterson/Buffington & Rawson #1

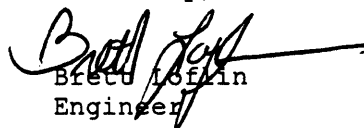
COUNTY: Wood DISTRICT: Steele QUAD: Pond Creek

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 **400+** 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 Coffin
Engineer

F. R. BUFFINGTON #1

Deepening Procedure

1. MIRU Newsco Well Service coil tubing unit.
2. RIH with 2 7/8" motor and drill bit.
3. Drill 50' of rathole below the base of the Oriskany Sand. Est. 300' with a 4,877' TD. Gauge any natural flow.
4. If natural flow is 200 MCFD or greater, rig up 4 1/2" under-reamer to motor assembly and under-ream to TD. If less than 200 MCFD, rig up wireline company and run slimhole (1 11/16") gamma-ray, neutron or sonic porosity, and temperature logs.
5. If well was logged prior to under-reaming, determine if Oriskany is commercial. If so, rig up under-reamer and ream to TD. If not, set plug at base of 4 1/2" casing. If well had a sufficient "natural" to under-ream prior to logging, rig up wireline company and run, density, induction, and temperature suite.
6. If well is to be completed, run in hole with 1,700' of 2 7/8" IJ tubing on coil.
7. Cement liner in, release liner and TOO H with coil tubing, Wait on cement.
8. Perf and treat Oriskany as per recommendation from engineering.



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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 823.99' Watershed: Pond Creek
District: Steele County: Wood Quadrangle: Pond Creek

WELL OPERATOR Cabot Oil & Gas Corporation
Address P.O. Box 628
Charleston, WV 25322

DESIGNATED AGENT Richard P. Parsons
Address P.O. Box 628
Charleston, WV 25322

OIL AND GAS ROYALTY OWNER F. R. Buffington
Address Rt. 1
Belleville, WV 26133
Acreage 270

COAL OPERATOR NOT OPERATED
Address _____

SURFACE OWNER SAME AS ABOVE
Address _____
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME F. R. Buffington
Address Rt. 1
Belleville, WV 26133
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Deo Mace
Address Rt. 1, Box 65
Sandridge, WV
Telephone 304-655-8693

RECEIVED

NOV - 9 1981

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 XX / other contract / dated 11-30, 1979, to the undersigned well operator from Frederic R. Buffington.

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

Recorded on 1-9, 1978, in the office of the Clerk of County Commission of Wood County, West Virginia, in 699 Book at page 43. A permit is requested as follows:
PROPOSED WORK: Drill XX/ 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
Telephone - 304/348-3092

CABOT OIL & GAS CORPORATION
Well Operator
By: R. P. Parsons
Its: District Drilling Superintendent

BLANKET BOND

(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 Brown Shale

Estimated depth of completed well 4447 feet. Rotary XX / Cable tools /
Approximate water strata depths: Fresh, 50 feet; salt, feet.
Approximate coal seam depths: Unknown
Is coal being mined in this area: Yes / No XX /

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 Drilling	Left in Well		
Conductor									Kinds
Fresh water	9-5/8			X		300	300	100	
Coal									Sizes
Intermed.	7			X		2260	2260	350	
Production Tubing	4-1/2			X		4447	4447	170	Depths set
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.

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 7-13-82.

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 / 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.

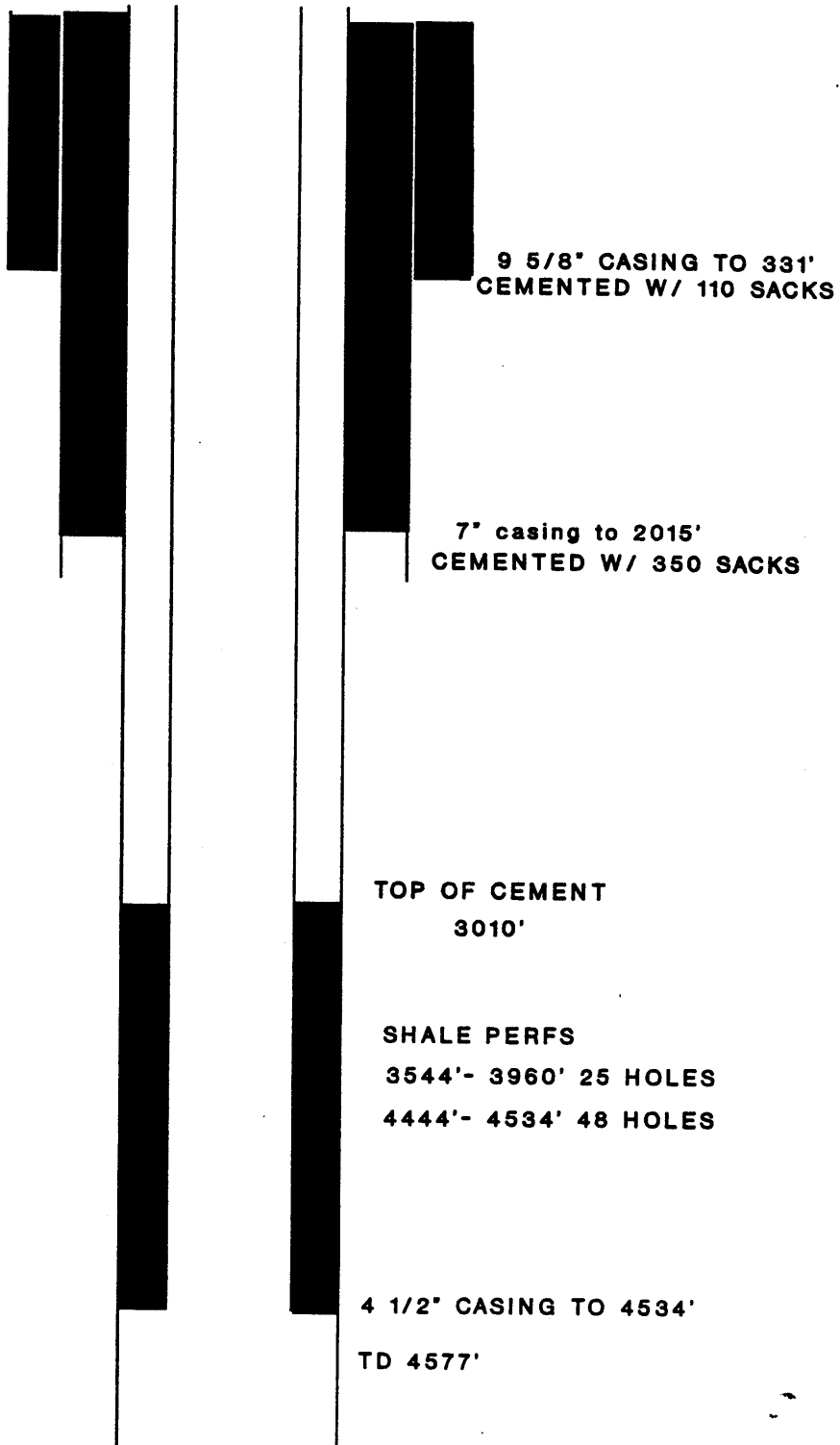
Date: , 19 .

By: _____

Its: _____

F. R. BUFFINGTON #1

CURRENT CONFIGURATION



F. R. BUFFINGTON #1

FUTURE CONFIGURATION

