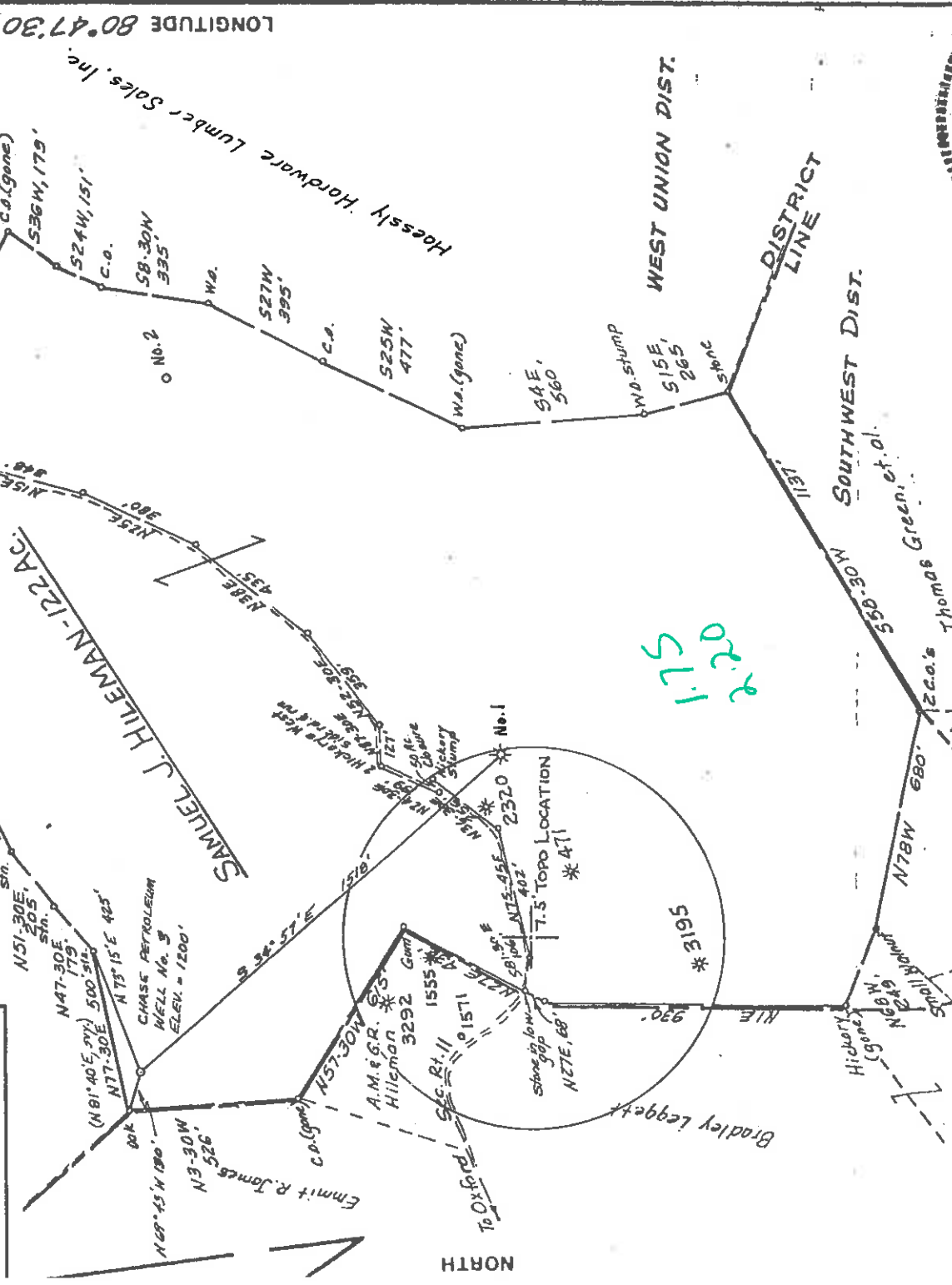


WELL REFERENCE

20' HICKORY
N 47° 20' E
102'
PROPOSED
N 69° 43' W
130'
WELL No. 3



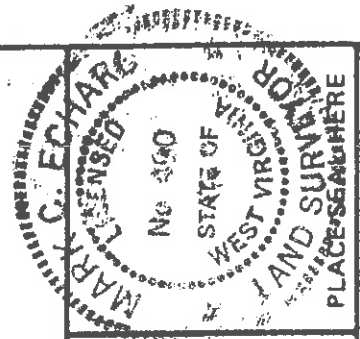
LONGITUDE 80° 47' 30"

LATITUDE 39° 15' 00"

9430

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION LOW GAP ON SEC. RT. II 1200 S. OF LOC., ELEV. = 1118

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.
Mark C. Echard
MARK C. ECHARD
(SIGNED)
R.P.E. _____ L.L.S. 490



WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
#10 MCJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506



DATE DECEMBER 4, 1984
OPERATOR'S WELL NO. THREE
API WELL NO. 47-017-03391-W
STATE OIT COUNTY PERMIT

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS," PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 1200 WATER SHED RIGHT FORK ARNOLD CREEK
DISTRICT WEST UNION COUNTY DODDRIDGE
QUADRANGLE OXFORD 7.5'
SURFACE OWNER SAMUEL J. HILEMAN ACREAGE 122
OIL & GAS ROYALTY OWNER SAMUEL J. HILEMAN LEASE ACREAGE 122

PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW

FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
Existing well drilled in 1975 by Chase Petroleum, 10.5 x 50' horizontal exploration well set for opening June
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5200' well set for opening June
WEL INATED AGENT _____
ADDRESS _____
Meredith Exploration
1473 West Main Street
Martinsburg, W. Va. 26133
Nancy Martin
Fleming

DODD.-3391-W

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 Office of Oil & Gas
 UIC Section
 APR 12 1999

State of West Virginia
 Division of Environmental Protection
 Section of Oil and Gas
 API # 47- 17-03391 W
 Reviewed MS

29-Jun-98

Well Operator's Report of Well Work

Farmer Name: HILEMAN, SJ & HILEMAN, AM Operator Well No.: S HILEMAN #3

LOCATION: Elevation: 1,200.00 Quadrangle: OXFORD

District: WEST UNION County: DODDRIDGE
 Latitude: 9430 Feet South of 39 Deg. 15Min. 0 Sec.
 Longitude 11690 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: MERIDIAN EXPLORATION CORP
PENN CENTER WEST TWO, STE 325
PITTSBURGH, PA 15276-0000

Agent: CT CORP. SYSTEM

Inspector: MIKE UNDERWOOD
 Permit Issued: 06/29/98
 Well work Commenced: 10/26/98
 Well work Completed: 11/2/98
 Verbal Plugging
 Permission granted on: _____ Rig
 Rotary Cable _____
 Total Depth (feet) _____
 Fresh water depths (ft) _____

Salt water depths (ft) _____
 Is coal being mined in area (Y/N)? _____
 Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	31'	0'	
8-5/8"	1,515'	1,515'	C.T.S.
4-1/2"	5,407'	5,407'	700sks
2-3/8"		5,218'	

OPEN FLOW DATA

Speechley and Balltown (co-mingled)
 Producing formation _____ Pay zone depth (ft) 3528-3536
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hour:
 Static rock Pressure _____ psig (surface pressure) after _____ Hour:
 Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hour:
 Static rock Pressure _____ psig (surface pressure) after _____ Hour:

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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: BEARTA Oil & Gas Company, Inc.

BY: MESIGENT/AMES A. DAVEN
 Date: 2/23/99

APR 19 1999

Dodd 3391W

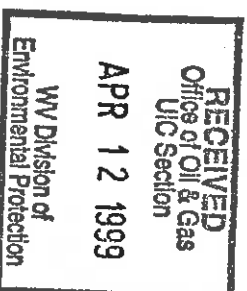
Samuel Hileman #3
API# 47-017-03391
WR-35 Supplemental Information

1.) Balltown:

Perforate 3,888' to 3,891', 4 shots, hollow steel carrier.
Perforate 3,932' to 3,942', 6 shots, hollow steel carrier.
Fract'd with 25,000# 20/40 sand and 389 barrels cross-linked gel system.
Frac job completed 10/26/98.

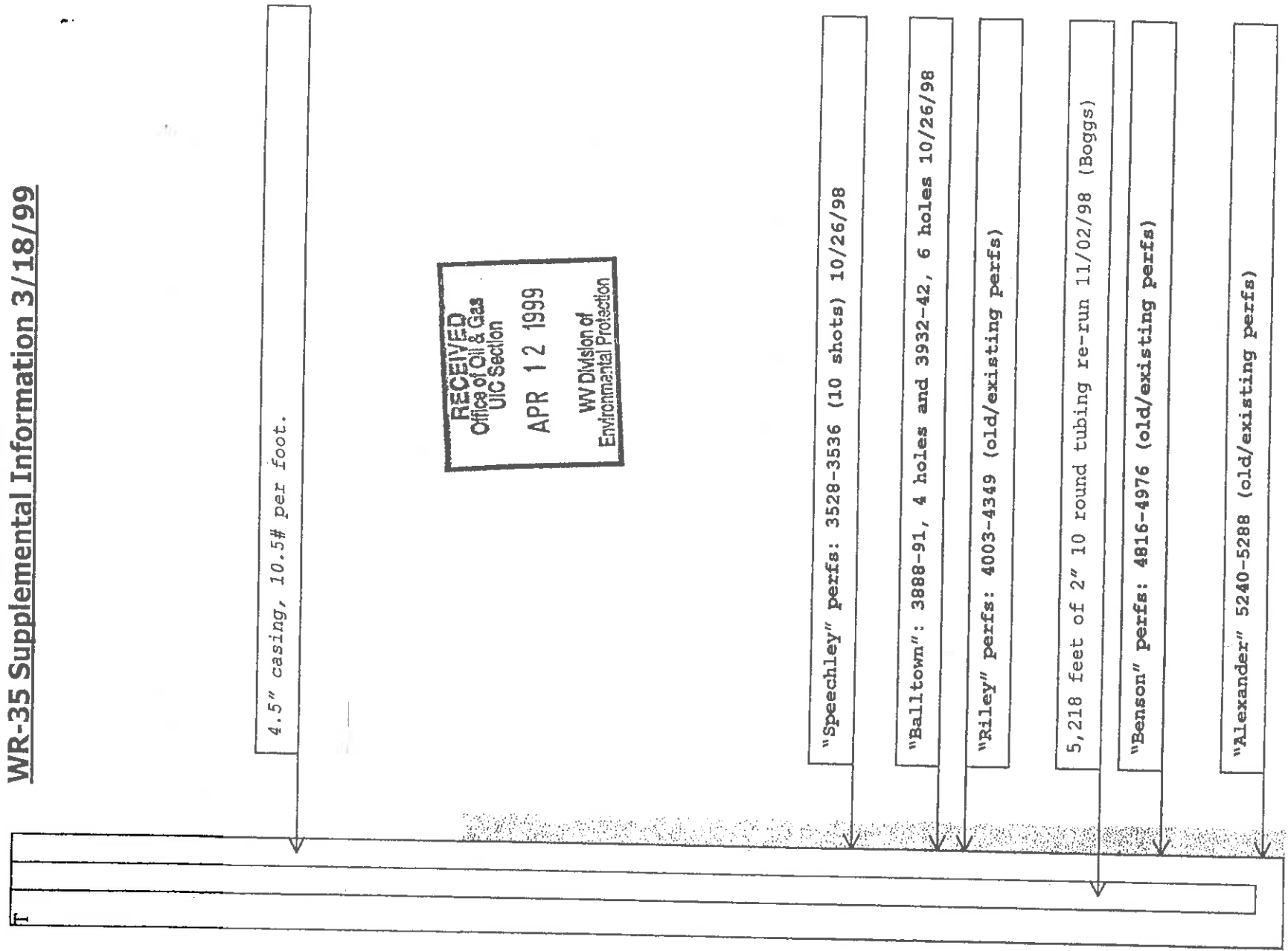
2.) Speechley:

Perforate 3,528' to 3,536', 10 shots, hollow steel carrier.
Fract'd with 25,000# 20/40 sand and 389 barrels cross-linked gel system.
Frac job completed 10/26/98.



ABARTA OIL & GAS - Samuel Hileman #3 - 11/02/98
47-017-03391

WR-35 Supplemental Information 3/18/99



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Office of Oil & Gas
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WV Division of
Environmental Protection

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APR 19 1999

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MAR 28 1985

IV-35
Rev 8-81)

OIL & GAS DIVISION

DEPT. OF MINES, STATE OF West Virginia

Department of Mines
Oil and Gas Division

Date March 26, 1985

Operator's

Well No. Samuel Hileman #3

Farm Samuel Hileman

API No. 47 - 017 - 3391

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1200 Watershed Right Fork Arnold Creek
District: West Union County Doddridge Quadrangle Oxford 7.5 S25

COMPANY Chase Petroleum, Inc. 950035
ADDRESS P.O. Drawer 369, Glenville, WV 26351
DESIGNATED AGENT Alton Skinner
ADDRESS P.O. Drawer 369, Glenville, WV 26351
SURFACE OWNER Samuel Hileman
ADDRESS West Union, WV 26456

MINERAL RIGHTS OWNER Samuel Hileman
ADDRESS West Union, WV 26456

OIL AND GAS INSPECTOR FOR THIS WORK Mike
Underwood ADDRESS Salem, WV 26426

PERMIT ISSUED 12/12/84
DRILLING COMMENCED 1/28/85
DRILLING COMPLETED 2/02/85

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

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	31	0	
9 5/8			
8 5/8	1515	1515	375
7			
5 1/2			
4 1/2	5407	5407	700
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander (Devonian) Depth 5200 feet
Depth of completed well 5450 2.5 feet Rotary X / Cable Tools none

Water strata depth: Fresh 66 feet; Salt recorded feet

Coal seam depths: None Is coal being mined in the area? no
5240-5288
4816-4976
4003-4349

OPEN FLOW DATA

Producing formation Alexander, Benson, Riley Pay zone depth

Gas: Initial open flow 242 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 820 Mcf/d Final open flow trace Bbl/d

Time of open flow between initial and final tests n/a hours

Static rock pressure 1855 psig (surface measurement) after 4 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
APR 22 1985

(Continue on reverse side)

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

43⁹ Fraced Alexander 5240-5288, 14 holes, 544 Bbls water, 10,000# 80/100, 40,000# 20/40
 43⁵ Fraced Benson 4816-4976, 8 holes, 541 Bbls water, 10,000# 80/100, 36,000# 20/40
 43⁴ Fraced Riley 4003-4349, 12 holes, 521 Bbls water, 10,000# 80/100, 40,000# 20/40

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Sand, Shale			0	147	Including indication of all fires and salt water, coal, oil and gas
Sand, Shale, Red Rock			147	684	
Sand, Shale			684	1520	
Gray Sand			1520	1538	
Sand, Shale			1538	2008	
Big Lime Sand			2008	2060	
Sand			2060	2062	
Injun Squaw Sand, Shale			2062	2120	
Weir Sand, Shale			2120	2136	
Berea Sand, Shale			2136	2300	
Sand, Shale			2300	2420	
Sand, Shale			2420	2496	
Sand, Shale			2496	2498	
Sand, Shale			2498	2718	
Fourth Sand			2718	2724	
Sand, Shale			2724	2846	
Fifth Sand			2846	2854	
Sand, Shale			2854	3380	
Speechley Sand, Shale			3380	3420	
Sand, Shale			3420	3770	
Balltown Sand, Shale			3770	3940	
1st Riley Sand, Shale			3940	4003	
2nd Riley Sand, Shale			4003	4152	
3rd Riley Sand, Shale			4152	4346	
Sand, Shale			4346	4358	
Benson Stray Sand, Shale			4358	4568	
Benson Sand, Shale			4568	4572	
Alexander			4572	4810	
			4810	4820	
			4820	4976	
			4976	4978	
			4978	5230	
			5230	5450	

(Attach separate sheets as necessary)

Chase Petroleum, Inc.

Well Operator

By: Alvin Skinner

Date: March 26, 1985

Notes: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including lithology, encountered in the drilling of a well."

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DEC 10 1984

- 1) Date: December 5, 19 84
- 2) Operator's Well No. S. Hileman #3
- 3) API Well No. 47 - 017 - 3391
State County Permit



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

OIL & GAS DIVISION
DEPT. OF MINES

- 4) WELL TYPE: A Oil Gas B (If "Gas", Production Undergrnd storage Deep Shallow
Elevation: 1200 Watershed: Right Fork Arnold Creek
District: West Union County: Doddridge Quadrangle: Oxford 7.5
- 6) WELL OPERATOR Chase Petroleum, Inc. 7) DESIGNATED AGENT Alton Skinner
Address P.O. Drawer 369 Address P.O. Drawer 369
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
Name Mike Underwood
Address Route 2, Box 114
Salem, WV 26426
- 9) DRILLING CONTRACTOR:
Name Unknown
Address Unknown

- 10) PROPOSED WELL WORK: Drill deeper Redrill Stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify)

- 11) GEOLOGICAL TARGET FORMATION, Alexander (Devonian)

- 12) Estimated depth of completed well, 5200 feet
- 13) Approximate traata depths: Fresh, 230' 200 feet; salt, 1200 feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	For drilling	Left in well		
Conductor							Kinds
Fresh water							Sizes
Coal							Depths set
Intermediate	8-5/8		23#	400	400	CTS	Perforations:
Production	4-1/2		10.5#	5150	5150	700 Sks	Top
Tubing							Bottom
Liners							

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-017-3391

December 12, 19 84

Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 6) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires December 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
35	mw	MU 1011	4x23	

Margaret J. Haas
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File

