



FILE NO. 8722
DRAWING NO. 5.1
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1:2500
PROVEN SOURCE OF ELEVATION U.S.G.S. SPOT ELEVATION AT ROAD INTERSECTION. EL.=652

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

WILLIAM J. WHITMAN
LICENSED
646
STATE OF WEST VIRGINIA
LAND SURVEYOR

PLACE SEAL HERE

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



Department of Mines
Oil & Gas Division

DATE JUNE 25, 1987
OPERATOR'S WELL NO. BEACH No. 1
API WELL NO. 47-107-1409
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 744.10 WATER SHED SHORT RUN OF POND CREEK OF THE OHIO RIVER
DISTRICT HARRIS 2 COUNTY WOOD
QUADRANGLE POND CREEK W.VA.-OHIO 553 009 Wcy Belleville

SURFACE OWNER JACK R. & CLARA I. BEACH ACREAGE 75 Ac.
OIL & GAS ROYALTY OWNER JACK R. & CLARA I. BEACH LEASE ACREAGE 75 Ac.
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 _____

TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 4400'

WELL OPERATOR RUBIN RESOURCES DESIGNATED AGENT RICK RUBIN
ADDRESS 1007 C BRIDGE ROAD CHARLESTON, W.VA. 25314 ADDRESS 1007 C BRIDGE ROAD CHARLESTON, W.VA. 25314

783 6-E New England (296)

AUG 03 1987



IV-35
(Rev 8-81)

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FEB 01 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date 1-29-88
Operator's
Well No. Beach #1
Farm Beach Lease
API No. 47-107-1409

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

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)
LOCATION: Elevation: 744' Watershed Short Run of Pond Creek of the Ohio River
District: Harris County Wood Quadrangle Pond Creek, WV-Ohio

COMPANY RUBIN RESOURCES INC
ADDRESS 1007 C BRIDGE ROAD CHARLESTON WV 25314
DESIGNATED AGENT RICK RUBIN AGENT
ADDRESS 1007 C BRIDGE ROAD CHARLESTON WV 25314
SURFACE OWNER Jack R. & Clara Beach
ADDRESS Rt. 1 Belleville, WV 26133
MINERAL RIGHTS OWNER Same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Glen Robinson ADDRESS Rt 1 Pleasant Est. Min Wells, WV
PERMIT ISSUED 7-30-87
DRILLING COMMENCED 8-9-87
DRILLING COMPLETED 8-13-87
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"			
9 5/8	445	445	169 sks.
8 5/8			
7	1887	1887	105 sks.
5 1/2			
4 1/2	3780	3780	262 sks.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2801-3681 feet
Depth of completed well 3950 feet Rotary / Cable Tools _____
Water strata depth: Fresh _____ feet; Salt _____ feet
Coal seam depths: _____ Is coal being mined in the area? _____

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 2801-3681 feet
Gas: Initial open flow 140 Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow (27) Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 12 hours
Static rock pressure 480 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.

PERFORATING: BROWN SHALE
 30 PERFORATIONS
 3474 TOP PERFORATION
 HURON 3681 BOTTOM PERFORATION

CORAY SHALE
 39 PERFORATIONS
 2823 TOP PERFORATION
 3358 BOTTOM PERFORATION
 UPDOW

FRACTURING: BROWN SHALE
 1000 SACKS SAND
 75 QUALITY FOAM
 SINGLE STAGE

CORAY SHALE
 1100 SACKS SAND
 75 QUALITY FOAM
 SINGLE STAGE

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Topsoil, Rock, Red Rock			0	496	
Shale			496	648	
Red Rock & Shale			648	1140	
Sand & Shale			1140	1930	
Shale			1930	2024	
Coffee Shale			2024	2041	
Berea			2041	2046	
Shale			2046	2296	
Gordon			2296	2315	
shale			2315	3950	
				Java @ TD	
				3694 N base Huron	

(Attach separate sheets as necessary)

Rubin Resources Inc.
 Well Operator

By: Rick Rubin

Date: 2-1-88

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 minerals, encountered in the drilling of a well."

RECEIVED
JUL 27 1987



1) Date: 7-13, 1987
 2) Operator's Well No. Beach #1
 3) API Well No. 47 107 1409
 State County Permit

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

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production / Underground storage Deep Shallow)
 5) LOCATION: Elevation: 744 Watershed: Short Run of Pond Creek of the Ohio River
 District: Harris 2 County: Wood 107 Quadrangle: POND Creek, Wb No 552
 6) WELL OPERATOR Rubin Resources Inc. CODE: 43025 7) DESIGNATED AGENT Rick Rubin
 Address 1007 S. Bridge Rd. Charleston, WV 25314 Address 1007 S. Bridge Rd. Charleston, WV 25314
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Glenn Robinson Name Clint Hurt & Ass.
 Address Rt. 1 #6 Mt. Pleasant Estate Mineral Wells, WV 26150 Address P.O. Box 1973 Midland, Texas 79702
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
 12) Estimated depth of completed well, 3940 feet
 13) Approximate trata depths: Fresh, 340 feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ 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.	New	Used	For drilling	Left in well		
Conductor	9 5/8					425	425	Cement to Surface	PER CAUSE 136 Kinds ORDER 1
Fresh water									
Coal									Sizes
Intermediate	7					1900	1900	Cement above salt sand water	
Production	4 1/2					3900	3900	100 sks.	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1409 Date July 30 19 87

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. 8) 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 July 30, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee	WVCG	S&H	Other
				222			
				2825			

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

Director, Division of Oil and Gas

File