

Janice 2/21/89

# MCQUAIN LEASE WELL NO.3

B. BRAMER et al.

G. MAUSER

S85-30E  
474.375'

N45-30E  
453.75'

S58-30E 536.25'

S82-30E 280.5'

N85E 561'

EAST 495'

N80E 627'

2" DOGWOOD

S65E 478.5'

20" RED OAK

NO. 2

N 61-08 W

1502.84'

N45-34W 1406.15'

N39-00W 933.03'

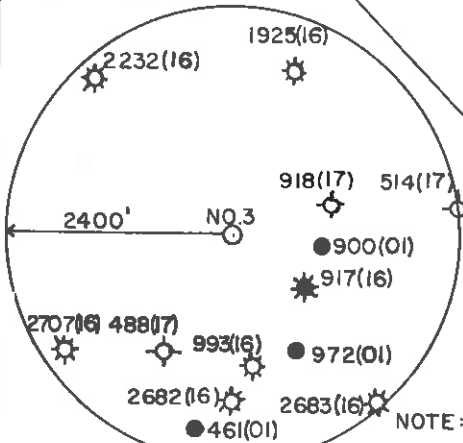
NO. 3

## 164.5 ACRES ±

2.80  
1.06

NORTH  
N44W 2491.5'

U. BUTCHER



488(17)

BUTCHER  
1.31 AC. ±

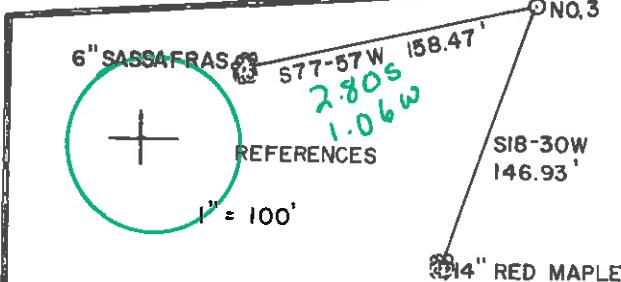
S77W

J. SCOTT

E/C COVE CREEK

18

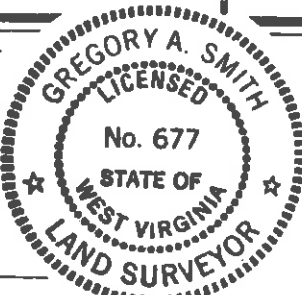
G. SHORI



NOTE: WELLS 900, 917, 972, 918 SPOTTED WRONG, LOCATED APPROXIMATELY 1 MILE NORTH.



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 ENERGY.



L.L.S. Gregory A. Smith  
677

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

DATE SEPTEMBER 5, 19 88

OPERATORS WELL NO. MCQUAIN NO. 3

API WELL NO. 47 - 021 - 4766  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 1901(25-62)  
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEV. = 824' SCALE 1" = 500'

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHAL. W X

LOCATION: ELEVATION 1090' WATERBOD COVE CREEK

DISTRICT TROY 4 COUNTY GILMER QUADRANGLE AUBURN 7.5' 224

SURFACE OWNER HAROLD W. J. CKSON et ux. ACREAGE 164.23 058

ROYALTY OWNER T. BRYAN MCQUAIN et al. LEASE ACREAGE 164.5 9

PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMUL \_\_\_ G OFF OLD

FORMATION PERFORATE NEW FORM. ON \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5300'

WELL OPERATOR RUBIN RESOURCES, INC. 0783 DESIGNATED AGENT RICK RUBIN FEB 24 1989  
ADDRESS 1007 C BRIDGE ROAD CHARLESTON, WV 25314 ADDRESS 1007 C BRIDGE ROAD CHARLESTON, WV 25314

6-6 Conings (142)

COUNTY NAME PERMIT

575

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: JACKSON, HAROLD W. Operator Well No.: McQUAIN 3

LOCATION: Elevation: 1090.00 Quadrangle: AUBURN

District: TROY County: GILMER  
Latitude: 14800 Feet South of 39 Deg. 5 Min. 0 Sec.  
Longitude 5700 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: RUBIN RESOURCES CO.  
1007 C BRIDGE RD.  
CHARLESTON, WV 25314-0000

Agent: RICK RUBIN

Inspector: CRAIG DUCKWORTH  
Permit Issued: 02/21/89  
Well work Commenced: 3-15-89  
Well work Completed: 3-22-89  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (feet) \_\_\_\_\_  
Fresh water depths (ft) \_\_\_\_\_

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? N  
Coal Depths (ft): \_\_\_\_\_

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			To Surface
7"	702	702	190 sks.
4 1/2"	4838	4838	212 sks.
<b>RECEIVED</b> MAY 05 1989			

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4781-4796  
Gas: Initial open flow 307 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 202 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 36 Hours  
Static rock Pressure 400 psig (surface pressure) after 24 Hours

Second producing formation Riley-Balltown Pay zone depth (ft) 3206-4670  
Gas: Initial open flow 307 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 202 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 36 Hours  
Static rock Pressure 400 psig (surface pressure) after 24 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: RUBIN RESOURCES CO.

By: Rick Rubin  
Date: 5-4-89

MAY 5 1989

	<u>Benson</u>	<u>Riley</u>	<u>Balltown</u>
Perforation Interval	4781-4796	3947-4670	3206-3310
# of Perforations	14	20	11
Type of Frac.	75 Quality Foam	75 Quality Foam	75 Quality Foam
Sks. of Sand	450	400	450

<u>FORMATION</u>	<u>TOP FEET</u>	<u>BOTTOM FEET</u>
Red Clay	0	10
Sand : Shale : Red Rock	10	1866
Little Lime	1866	1885
Blue Monday	1885	1915
Big Lime	1915	1982
Keener	1982	1990
Lime	1990	2029
Injun	2029	2068
Shale	2068	2140
Weir	2140	2260
Shale	2260	3204
Balltown	3204	3438
Shale	3438	3947
Riley	3947	4670
Shale	4670	4778
Benson	4778	4796
Shale	4796	4880 T.D.

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MAY 05 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

MAY 5 1989

8328

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

- 1) Well Operator: Rubin Resources, Inc. *4325, 4, 224*
- 2) Operator's Well Number: McQuain No. 3 3) Elevation: 1090'
- 4) Well type: (a) Oil  / or Gas  /  
(b) If Gas: Production  / Underground Storage  /  
Deep  / Shallow  /
- 5) Proposed Target Formation(s): Alexander *39*
- 6) Proposed Total Depth: 5300 feet
- 7) Approximate fresh water strata depths: 35'
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: N/A
- 10) Does land contain coal seams tributary to active mine? Yes  / No  /
- 11) Proposed Well Work: Drill & Stimulate *New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT Fill-up (cu. ft.)
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11"			30'	0'	0 Sks.
Fresh Water	7"			730'	730'	38 CSR-18-11.3
Coal						
Intermediate						
Production	4 1/2"			5300'	5300'	38 CSR-18-11.1
Tubing						
Liners						

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FEB 20 1989

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

3195  
H  
Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond 50 blanket  Agent  
(Type)

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FEB 20 1989

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date: January 19th, 1989  
Operator's well number  
McQuain No. 3  
API Well No: 47 - 021 - 4766  
State - County - Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |   |  |
|---|--|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Harold W. Jackson</u><br/>Address <u>Rt. 78, Box 67</u><br/><u>Troy, WV 26443</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:<br/>Name <u>N/A</u><br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration<br/>Name <u>N/A</u><br/>Address _____</p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration<br/>Name <u>N/A</u><br/>Address _____</p> |
| <p>6) Inspector <u>Craig Duckworth</u><br/>Address <u>Box 107 Davisson Rt.</u><br/><u>Gassaway, WV 26624</u><br/>Telephone <u>(304)- 364 - 5942</u></p>   |  |

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  
  x   Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 9 on the above named parties, by:

- Personal Service (Affidavit attached)
- x   Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B 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 Rubin Resources, Inc.  
By: *Rick Rubin*  
Its: V.P.  
Address 1007 C Bridge Road  
Charleston, WV 25314  
Telephone 342 - 1205

Subscribed and sworn before me this 19th day of January, 1989

*Gregory A. Smith* Notary Public  
My commission expires 12/7/92