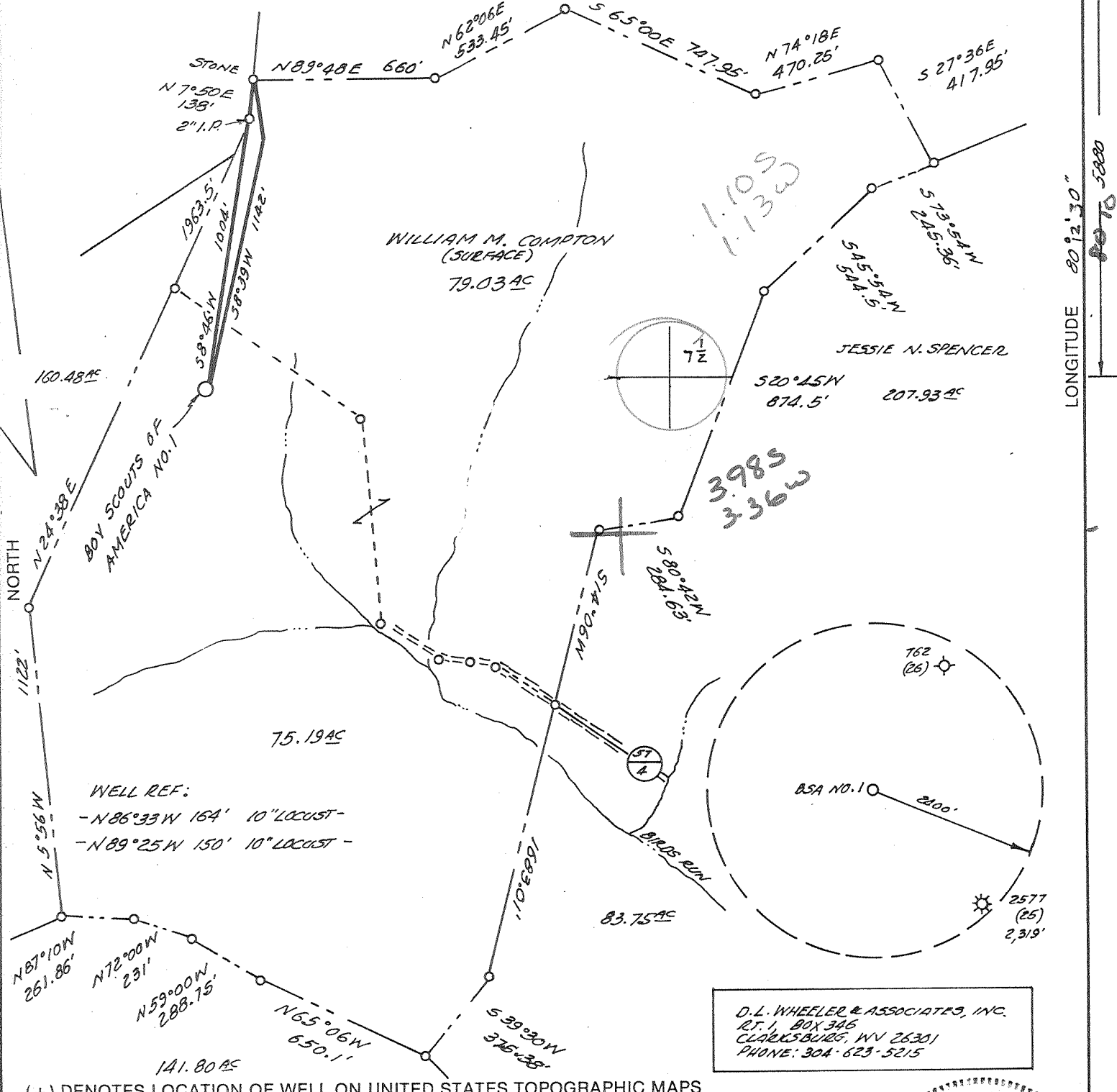


AS 3/16/87

5860' 39 15

LATITUDE 39°12'30"

LONGITUDE 80°12'30"



FILE NO. _____

DRAWING NO. _____

SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1 IN 200

PROVEN SOURCE OF ELEVATION WELL #2577

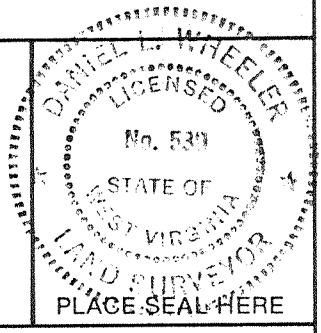
ELEV. 1132'

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.

(SIGNED) Daniel L. Wheeler

R.P.E. _____ L.L.S. 530

DANIEL L. WHEELER



STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE MARCH 12, 1987

OPERATOR'S WELL NO. BOY SCOUTS OF AMERICA NO. 1

API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___

(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1241' WATERSHED BIRDS RUN

DISTRICT ELK 5 COUNTY HARRISON

QUADRANGLE BROWNTON 7.5' 266 104 NW, Philippi

SURFACE OWNER WILLIAM M. COMPTON ACREAGE 75.19

OIL & GAS ROYALTY OWNER WILLIAM M. COMPTON LEASE ACREAGE 154.22

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 HAVERTY ESTIMATED DEPTH 5,990

WELL OPERATOR WILLIAM M. COMPTON DESIGNATED AGENT WILLIAM M. COMPTON

ADDRESS PO. BOX 589 1020 ADDRESS PO. BOX 589

CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

COUNTY NAME PERMIT

6-6 (Birds Run 300) (155)

FERC
6/15/87



State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date 5/31/87
Operator's
Well No. BSA#1
Farm Roy Scouts of America
API No. 47 - 033 - 3417

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

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

LOCATION: Elevation: 1241 Watershed Birds Run
District: Elk County Harrison Quadrangle Brownston 7.5

COMPANY Pepper Resources Inc.
ADDRESS P.O. Box 569 Clarksburg, WV 26302
DESIGNATED AGENT W. G. Darden
ADDRESS P.O. Box 1128 Bridgeport, WV 26330
SURFACE OWNER Same as above
ADDRESS _____
MINERAL RIGHTS OWNER Same as above
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey ADDRESS Jane Lew, WV
PERMIT ISSUED 3/16/87
DRILLING COMMENCED 3/21/87
DRILLING COMPLETED 3/28/87
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"	60	60	
9 5/8			
8 5/8	1014	1014	315
7			
5 1/2			
4 1/2		2735	600
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Haverty Depth 5978 feet
Depth of completed well 2735 feet Rotary xx / Cable Tools _____
Water strata depth: Fresh -- feet; Salt 1100 feet
Coal seam depths: 631 Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation 5th Sand Pay zone depth 2500 feet
Gas: Initial open flow -- Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 200 Mcf/d Final open flow Show Bbl/d
Time of open flow between initial and final tests 4 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

1987
DEC 7

033-3417

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

5th Sand 2495--2504 ft. -- 10 holes
5th

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	
Sdy Shale			10	240	1/2' H ₂ O @ 25'
Red Rock			240	295	1/2" H ₂ O @ 78'
Sdy Shale			295	631	
Coal			631	638	
Sdy Shale			638	1517	Gas show @ 1034'
L. Lime			1517	1532	
Shale			1532	1556	
B. Lime			1556	1680	
Shale			1680	1685	
Big Injun			1685	1705	
Shale			1705	1980	
Gantz			1980	2070	
Sdy Shale			2070	2464	
5th Sand			2464	2493	
Sdy Shale			2493	4464	Gas show @ 4319'
Benson			4464	4472	
Sdy Shale			4472	<u>5978</u>	Gas show @ 5969'

Driller's

(Attach separate sheets as necessary)

Pepper Resources, Inc.
 Well Operator
 By: W. G. Darden
 Date: 5/31/87

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."
 2/22

RECEIVED
MAR 16 1987



1) Date: 3/16, 1987
 2) Operator's Well No. 1 Roy Scouts of America
 3) API Well No. 47 State 033 County 3417 Permit

STATE OF WEST VIRGINIA
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION
 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: 1241' Watershed: Birds Run
 District: ELK 5 County: Harrison 033 Quadrangle: Brownson 7.5'200'
- 6) WELL OPERATOR William M. Coughlin CODE: 10710 7) DESIGNATED AGENT Wallace Davidson
 Address: P.O. Box 369 1020 Address: P.O. Box 1128
Clarksburg, W.Va. 26301 Bridgewater, W.Va. 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Steve Casper 9) DRILLING CONTRACTOR:
 Address Route #2 Box 232 D Address _____
Jackson, W.Va. 26370
- 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, Harrison 437
- 12) Estimated depth of completed well, 5990 feet
- 13) Approximate true depths: Fresh, 500 feet; salt, 1000 feet.
- 14) Approximate coal seam depths: 50, 130, 850 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	13 7/8"				X		60' X	Surfacer	Kinds Rule 15.05
Fresh water									
Coal									
Intermediate	8 5/8"		23#	X			2000' X	350 Sks. Surfacers	Sizes By Rule 15.05
Production	4 1/2"		9.5#	X			5990' X	500 Sks.	Depths set 5500'
Tubing	2"		4.7#	X					
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3417 Date March 16, 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 March 16, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>7.4</u> <u>185</u>	WCB: <input checked="" type="checkbox"/>	SEP: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

John H. Johnston
 Director, Division of Oil and Gas
By [Signature]

9807