



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION USGS BM JCT. RTS. 72 & 70, 2200' NE OF LOC., ELEV. = 1030

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

PLACE SEAL HERE

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



DATE OCTOBER 23 19 81
 OPERATOR'S WELL NO. ONE
 API WELL NO. 47 - 017 - 3055
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1030' WATER SHED FALLEN TIMBER RUN
 DISTRICT COVE COUNTY DODDRIDGE
 QUADRANGLE VADIS 75' & 15' 100
 SURFACE OWNER GEORGE ADRIAN ACREAGE 100
 OIL & GAS ROYALTY OWNER GEORGE ADRIAN, et al. LEASE ACREAGE 100
 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 _____
 FORMATION GANTZ ESTIMATED DEPTH 2300' ±
 OPERATOR CARSON PETROLEUM CORP. DESIGNATED AGENT MR. LOWELL M. JOHNSON
P.O. BOX 133 ADDRESS P.O. BOX 133
SAND FORK, W.VA. 26430 SAND FORK, W.VA. 26430

CONINGS NOV 16 1981

RECEIVED



MAY 21 1982

IV-35
(Rev 8-81)

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date May 19, 1982
Operator's
Well No. 47-017-3055
Farm George Adrian #1
API No. 47 - 017 - 3055

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

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

LOCATION: Elevation: 1030' Watershed Fallen Timber Run
District: Cove County Doddridge Quadrangle Vadis

COMPANY Carson Petroleum Corporation
ADDRESS P.O. Box 133 Sand Fork, WV 26430
DESIGNATED AGENT Gerald W. Davis
ADDRESS P.O. Box 133 Sand Fork, WV 26430
SURFACE OWNER George Adrian
ADDRESS Rt. 1 Box 95A New Milton, WV
MINERAL RIGHTS OWNER same
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey
ADDRESS Jane Lew, WV 26378
PERMIT ISSUED October 28, 1981
DRILLING COMMENCED 4-30-82
DRILLING COMPLETED 5-4-82
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			
8 5/8	567'	567'	To surface
7			
5 1/2			
4 1/2		2547'	190 sacks
3			
2		2420'	
Liners used			

GEOLOGICAL TARGET FORMATION Gantz Depth 2435 feet
Depth of completed well 2588 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 90 feet; Salt N/A feet
Coal seam depths: N/A Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 2100 - 2160 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d 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
(If applicable due to multiple completion--)
Second producing formation Gantz Pay zone depth 2430 - 2435 feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 35 Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests 48 hours
Static rock pressure 700 psig (surface measurement) after 48 hours shut in

(Continue on reverse side)

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

Fractured - May 12, 1982

Gantz - 5,000 lbs. 80/100 sand
20,000 lbs. 20/50 sand
426 bbl water
14 BPM @ 1681 lb.

Big Injun - 5,000 lbs. 80/100 sand
35,000 lbs. 20/50 sand
561 bbl water
14 BPM @ 1500 lbs.

Perforations - 2113 - 2132, 6 shots

Perforations - 2108 - 2162, 12 shots

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale			0	175	fresh water @ 90'
Sand			175	211	
Sand			211	350	
Shale and sand			350	575	
Shale			575	600	
Sand and Shale			600	650	
Shale			650	775	
Sand and Shale			775	800	
Shale			800	925	
Sand			925	1060	
Sand and Shale			1060	2000	1950' water
Lime			2000	2075	
Shale			2075	2125	Show of oil
Big Injun			2125	2250	
Sand			2250	2275	
Shale			2275	2300	
Sand			2375	2385	
Shale			2385	2425	
Gantz Sand			2425	2450	
Shale			2450	2473	
Sand			2473	2588	
Total Depth			2588		

(Attach separate sheets as necessary)

Carson Petroleum Corporation

Well Operator

By: Gerald N. Davis

Date: May 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 those encountered in the drilling of a well."

