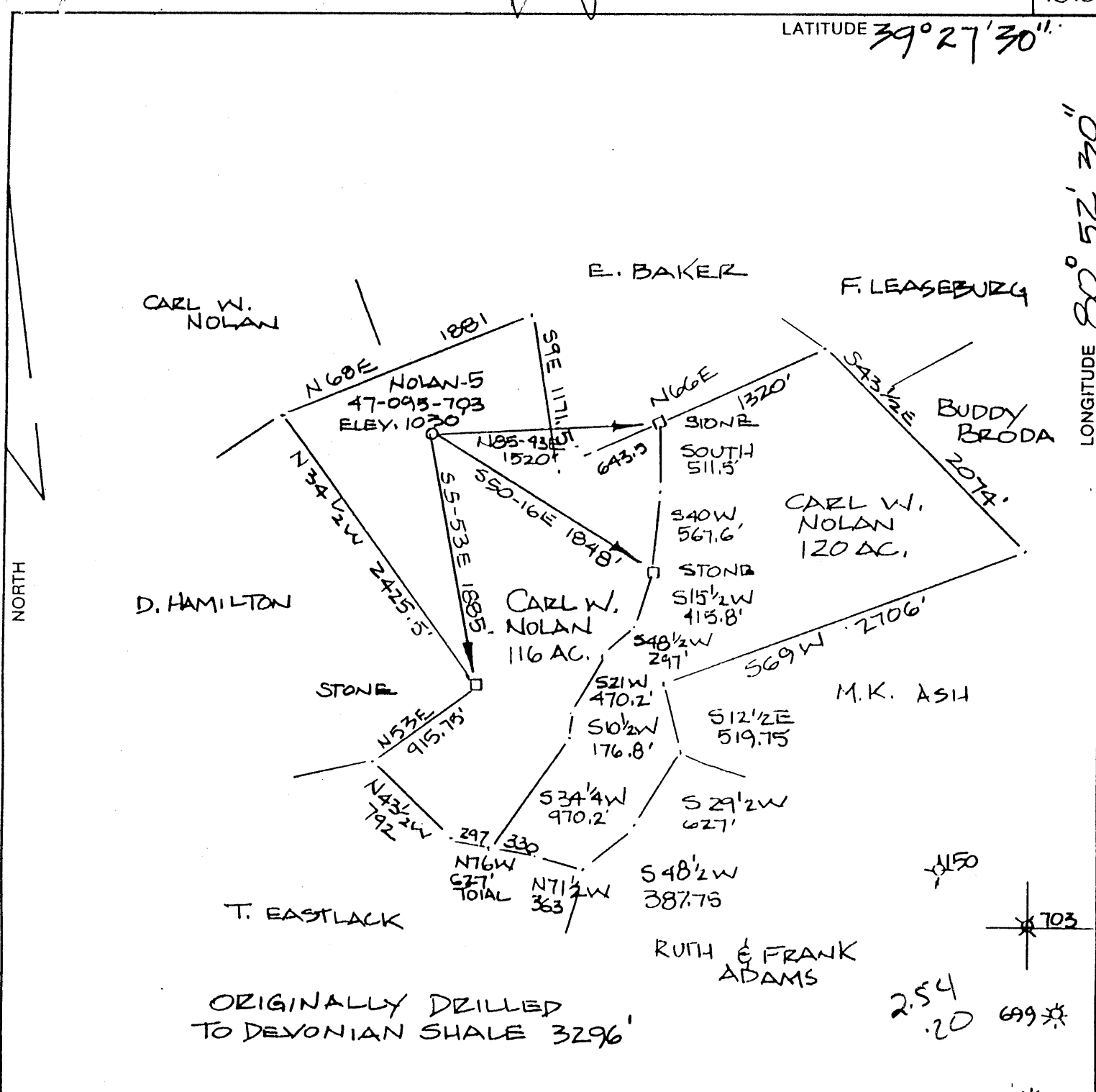


LATITUDE 39° 27' 30"

1010

LONGITUDE 80° 52' 30"



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION ROAD INTER. ELEV. 1155'

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 AND MINING.
 (SIGNED) *[Signature]*
 R.P.E. _____ L.L.S. 551

WILLIAM R. MOSSOR
 LICENSED
 No. 551
 STATE OF WEST VIRGINIA
 LAND SURVEYOR
 PLACE SEAL HERE

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

DATE 27 JULY, 19- 2000
 OPERATOR'S WELL NO. NOLAN 5
 API WELL NO. 47-095-00703W

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

LOCATION: ELEVATION 1030' WATERSHED CONAWAY RUN
 DISTRICT CENTERTVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE

SURFACE OWNER CARL W. NOLAN ACREAGE 116
 OIL & GAS ROYALTY OWNER CARL W. NOLAN LEASE ACREAGE 236
 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) RECOMPLETE IN KEENER.

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

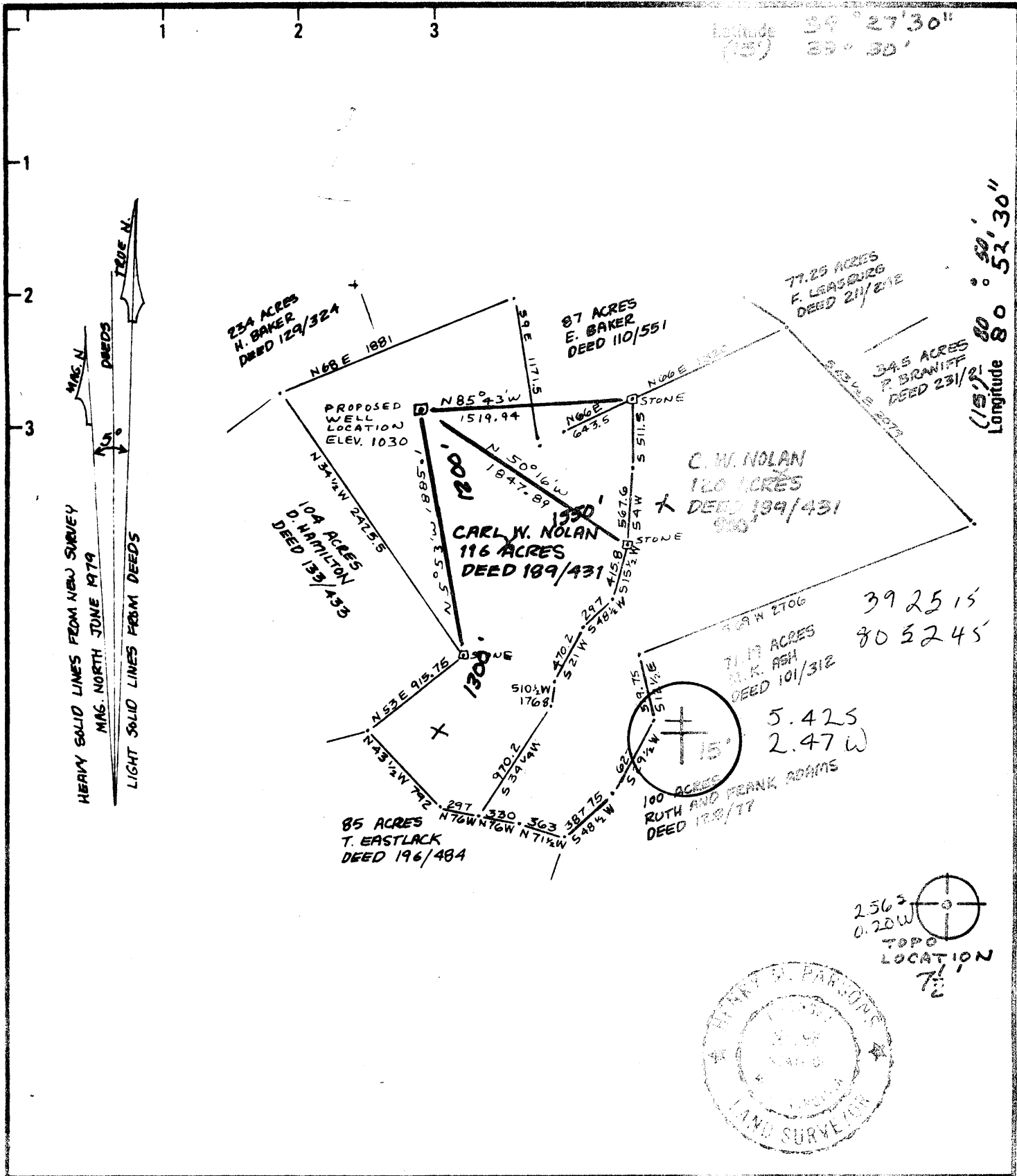
TARGET FORMATION KEENER ESTIMATED DEPTH _____

WELL OPERATOR SANCHO O&G CORP. DESIGNATED AGENT LOREN E. BAGLEY
 ADDRESS BOX 179 ST. MARYS, WV 26170 ADDRESS BOX 179 ST. MARYS, WV 26170

COUNTY NAME
PERMIT

Latitude 39° 27' 30"
(15)
29° 30'

Longitude 80° 52' 30"
(15)
80° 52' 30"



New Location
Drill Deeper
Abandonment

Minimum Error of Closure METHODS USED SHOULD PRODUCE 1 IN 2500
Source of Elevation ELEVATIONS AT 2 ROAD INTERSECTIONS SHOWN AS 1121 AND 1155 NEAR THE HEAD OF WHEELER RUN ON THE MIDDLEBOURNE TOPO MAP
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
Henry M. Parsons

Company GLENN L. HAUGHT & SONS
Address SMITHVILLE W. 26118
Farm CARL W. NOLAN
Tract _____ Acres 236 Lease No. _____
Well (Farm) No. NOLAN # 5 H-769 Serial No. _____
Elevation (Spirit Level) 1030
Quadrangle MIDDLEBOURNE, WEST UNION 15
County TYLER District CENTERVILLE
SURVEYOR HENRY M. PARSONS
SURVEYOR'S Registration No. 98
File No. 19-5390 Drawing No. 19-5390
Date JUNE 11, 1979 Scale 1" = 1000'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
CHARLESTON
WELL LOCATION MAP
FILE NO. 97-093-703

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500 inches and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

JUL 17 1979

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Handwritten signature

Well Operator's Report of Well Work

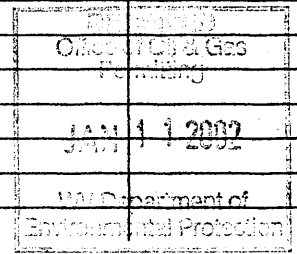
Farm name: Carl W. Nolan Operator Well No.: Five (5)

LOCATION: Elevation: 1030 A.S.L. Quadrangle: Middlebourne

District: Centerville County: Tyler
Latitude: 1010 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 13380 Feet West of 80 Deg. 52 Min. 30 Sec.

Company: Sancho Oil & Gas

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>Box 179</u>				
<u>St. Marys. WV 26170</u>	<u>4 1/2</u>	<u>3171</u>	<u>3171</u>	
Agent: <u>Loren E. Bagley</u>				
Inspector: <u>Mike Underwood</u>	<u>2 7/8</u>		<u>5101</u>	<u>75 sacks</u>
Date Permit Issued:				
Date Well Work Commenced: <u>April 16, 2001</u>				
Date Well Work Completed: <u>May 11, 2001</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet):				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>NA</u>				



OPEN FLOW DATA

Producing formation Benson Sandstone Pay zone depth (ft) 4980-4984
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 700 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1600 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
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 pressure) after _____ 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.

Signed: *Loren E. Bagley*
By: Loren E. Bagley
Date: December 31, 2001

FEB 08 2002

TYL 0703

No 142 703

STAGE PERFORATIONS: 1ST Benson 4980-4984 30 holes
Nitrogen Assist with 300 Sks 20/40

STAGE PERFORATIONS:

STAGE PERFORATIONS:

FORMATION	TOP	BOTTOM COMMENTS
Big Lime	1950	2030
Keener Sandstone	2078	2090
Big Injun Sandstone	2092	2134
Weir Sandstone	2310	2410
Berea Sandstone	2494	2498
Gordon Sandstone	2920	2932
Warren Sandstone	3432	3478
Riley Sandstone	4582	4614
Benson Sandstone	4980	4984 gas
TD		5178

FORM IV-35
(Obverse)

Operator's
Well No. 5-H-769

[08-78]

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

API Well No. 47-095-079
State County WV Tyler

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

LOCATION: Elevation: 1030' Watershed: Branch of Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne
Carl Nolan 5-H-769

WELL OPERATOR Glenn L. Haught & Sons DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178 Address Smithville, WV 26178

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___
Plug off old formation ___ / Perforate new formation ___
Other physical change in well (specify) _____

RECORDED
FEB 20 1980

PERMIT ISSUED ON June 19, 19 79 OIL & GAS INSPECTOR FOR THE STATE OF WEST VIRGINIA
Name Phil Tracy DEPT. OF MINES

(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED _____, 19 _____)
Address Middlebourne, WV 26149
Phone: 758-4573

GEOLOGICAL TARGET FORMATION: Gordan Sands Depth 2740 to 3145 feet
Depth of completed well, _____ feet Rotary X / Cable Tools ___
Water strata depth: Fresh, _____ feet; salt, _____ feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced July 11, 19 79, and completed July 25, 19 79

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	16				X	28'	28'	10 sacks	Rinds
Fresh water	10 3/4"			132.75	198.25	331'	331'	150 sacks	
Seal									Sizes
Intermediate	7		20#	1351	578	1929'	1929'	20 sacks	
Production	4 1/2"	J-55	10.5#		X		3179'	210 sacks	Depth set
Tubing									
Liners									Perforations:
									Top Bottom
									2978 3130

OPEN FLOW DATA

Producing formation Gordan Sands Pay zone depth 2740 to 3145 feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, 200 Mcf/d Final open flow, 1 Bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 800 psig (surface measurement) after 12 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 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

MAR 10 1980

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

Hydrafraced by Halliburton 8-29-79 -- 1000 Gal. Acid -- 1140 Bbls. Water
100,000 Lbs. 20/40 Mesh Sand -- 10,000 Lbs. 80/100 Mesh Sand.

Perforations: 27-3130-2978

WELL LOG

FORMATION	Color	Hard or Soft	83 Top Feet	Bottom Feet	Remarks Including indication of all free and salt water, coal, oil and gas
Red Rock		Soft	90	115	
Sand		Hard	115	145	
Shale		Med.	145	155	
Red Rock		Soft	155	225	
Sand		Hard	225	240	
Red Rock		Soft	240	290	
Sand		Hard	290	310	
Red Rock		Soft	310	325	
Sand		Hard	325	331	
Shale			331	350	
Red Rock			350	370	
Snad			370	386	
Shale			386	438	
Snad			438	451	
Shale			451	486	
Sand			486	503	
Red Rock			503	511	
Sand			511	537	
Red Rock			537	541	
Shale			541	610	
Sand & Shale			610	740	
Sand			740	820	
Shale			820	900	
Snad			900	935	
Shale			935	985	
Sand			985	1015	
Shale			1015	1120	
Sand			1120	1148	
Shale			1148	1174	
Sand			1174	1226	
Shale			1226	1240	
Red Rock			1240	1262	
Shale			1262	1291	
Sand			1291	1325	
Red Rock			1325	1336	
Shale			1336	1365	
Sand			1365	1391	
Shale			1391	1415	
Sand			1415	1438	
Shale			1438	1464	
Red Rock			1464	1498	
Sand			1498	1775	
Shale			1775	1788	
Sand			1788	1890	
L. Lime			1890	1910	
Shale			1910	1917	
B. Lime			1917	2010	
Injun			2010	2104	Gas @ 2010
Sand			2104	2150	
Sand & Shale			2150	2315	
Sand			2315	2407	
Shale			2407	2498	
Sand			2498	2502	
Shale			2502	2740	
Sand			2740	3145	
Shale			3145	3302	T. D.

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."

Glenn L. Haught & Sons
Well Operator

By Warren R. Haught

His Partner

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. # 5-H-769

API Well No. 47 - 095 - 070
State County Perm

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 1030' Watershed: Branch of Sancho Creek
District: Centerville, County: Tyler Quadrangle: Middlebourne

WELL OPERATOR Glenn L. Haught & Sons
Address Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Carl Nolan
Address Alma, WV 26320

COAL OPERATOR None
Address

Acreage 236

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Carl Nolan
Address Alma, WV 26320

Name
Address

Acreage 236

Name

FIELD SALE (IF MADE) TO:
Name
Address

Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phil Tracy
Address Mineral Wells, WV
758-4573

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

JUN 18 1979

DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated Dec. 23, 1977, to the undersigned well operator from Carl W. Nolan

[If said deed, lease, or other contract has been recorded:]

Recorded on Feb. 23, 1978, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 214 at page 578. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

GLENN L. HAUGHT & SONS
Well Operator

BLANKET BOND

By Warren R. Haught
Its Partner

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Sons
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Gordon Sands

Estimated depth of completed well, 3000 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 80 feet; salt, feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes / No

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									Kinds
Fresh water	8 5/8	K-55	20	X		1025'	1025'	185 Sacks	
Coal									Sizes
Intermediate									
Production	4 1/2	J-55	10.5	X			3000'	100 Sacks	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is included on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations ~~have not~~ commenced by 2-19-80.


Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____
Its _____