



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=200'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION USGS BM 2250 ± SE OF LOCATION, ELEV. = 773'

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 FEBRUARY 2, 1983  
 OPERATOR'S WELL NO. ONE  
 API WELL NO. 47-085-6265  
 STATE 47 COUNTY 085 PERMIT 6265

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 440' 1100 WATER SHED MIDDLE FORK  
 DISTRICT UNION COUNTY RITCHIE  
 QUADRANGLE PULLMAN 7.5' Helbrook 15' C  
 SURFACE OWNER FLORENCE R. PIERCE, et. al. ACREAGE 10  
 OIL & GAS ROYALTY OWNER FLORENCE R. PIERCE LEASE ACREAGE 10  
 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 ALEXANDER ESTIMATED DEPTH 5990'  
 WELL OPERATOR GENE STALNAKER INC. DESIGNATED AGENT GENE STALNAKER  
 ADDRESS P.O. BOX 178-220 W. MAIN ST. GLENVILLE, W. Va. 26351 ADDRESS P.O. BOX 178-220 W. MAIN ST. GLENVILLE, W. Va. 26351



IV-35  
(Rev 8-81)

Date January 6, 1984  
Operator's  
Well No. #1B  
Farm Pierce  
API No. 47 - 085 - 6265

State of West Virginia  
Department of Mines  
Oil and Gas Division

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

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

LOCATION: Elevation: 1100' Watershed Middle Fork  
District: Union County Ritchie Quadrangle Pullman

COMPANY Tri-Don, Inc.  
ADDRESS Box 83, Harrisville, WV 26362  
DESIGNATED AGENT A.D. Steed  
ADDRESS Box 83, Harrisville, WV 26362  
SURFACE OWNER Florence Pierce  
ADDRESS Pennsboro, WV 26415  
MINERAL RIGHTS OWNER Florence Pierce  
ADDRESS Pennsboro, WV 26415  
OIL AND GAS INSPECTOR FOR THIS WORK Samuel  
N. Hersman ADDRESS Box 66, Smithville, WV  
PERMIT ISSUED 11/21/83  
DRILLING COMMENCED 12/1/83  
DRILLING COMPLETED 12/8/83  
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	1256'	1256'	to suff.
7			
5 1/2			
4 1/2	5449'	5449'	3309'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3309 feet  
Depth of completed well 5449 feet Rotary X / Cable Tools     
Water strata depth: Fresh 145 feet; Salt n/a feet  
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Alexander, Warren Pay zone depth 3309 feet  
Gas: Initial open flow 1.5 Mcf/d Oil: Initial open flow show Bbl/d  
1500. MCF. + 5 show oil Final open flow 1.5 Mcf/d Final open flow show Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 1900 psig (surface measurement) after 24 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.

FIRST STAGE OF PERFORATIONS

SECOND STAGE OF PERFORATIONS

15-3 well

Set plug at 4130M

Speechley Balltown

2nd Riley	Alexander	3381'	3536'	3818'
4522'	5178'	3383'	3538'	3820'
4524'	5180'	3392'	3540'	3822'
4530'	5182'	3394'		3930'
4532'	5184'	3398'		3932'
	5186'	3406'		3934'
Benson	5200'	3408'		
4830'	4838'	3410'		
4832'	5201'	3414'		
4834'	5206'	3416'		
4836'				

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Soil			0	10	
Red rock and slate			10	325	Silty Sand 3570 3650
Sand			325	344	Balltown 3650 3830
Red rock and slate			344	715	Silty Sand 3830 3970
Sand			715	804	Shale 3970 4104
Shale			804	990	1st Riley 4104 4154
Sand			990	1020	Silty Sand 4154 4400
Red rock and slate			1020	1100	Shale 4400 4520
Sand			1100	1180	2nd Riley 4520 4554
Slate			1180	1240	Shale 4554 4720
Sand			1240	1305	Silty Sand 4720 4745
Shale			1305	1435	Shale 4745 4820
Sand			1435	1520	Benson 4820 4862
Shale			1520	1605	Shale 4862 5018
Red rock			1605	1685	Alexander 5018 5086
Shale			1685	1747	Shale 5086 5120
Sand			1747	1818	Silty Sand 5120 5200
Shale			1818	1950	Shale 5200 5449
Limestone			1950	1992	Total Depth 5449
Iron			1992	2140	
Shale			2140	2269	
Silty Sand			2269	2330	
Berea Sand			2330	2350	
Silty Sand			2350	2440	
Shale			2440	2520	
Silty Sand			2520	2570	
Shale			2570	2600	
Gantz			2600	2620	
Silty Sand			2620	2650	
Shale			2650	2750	
Silty Sand			2750	2770	
Gordon			2770	2792	
Silty Sand			2792	2885	
Shale			2885	3020	
1st Warren			3020	3140	
Shale			3140	3250	
2nd Warren			3250	3310	
Silty Sand			3310	3374	
Speechley			3374	3570	

(Attach separate sheets as necessary)

Well Operator

By: *[Signature]* A.D. Steed

Date: 1/6/84

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 ... encountered in the drilling of a well."



Feb. 15

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1) Date: November 17, 19 83  
 2) Operator's Well No. Pierce # 1  
 3) API Well No. 47 - 085 - 6265-Ren  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

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

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)
- 5) LOCATION: Elevation: 1110 Watershed: Middle Fork  
 District: Union County: Ritchie Quadrangle: Pullman 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc.  
 Address P.O. Box 178  
Glenville, WV 26351
- 7) DESIGNATED AGENT Gene Stalnaker  
 Address P.O. Box 178  
Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Samuel Hersman  
 Address Box 66 Smithville, WV  
477-3597
- 9) DRILLING CONTRACTOR:  
 Name Gene Stalnaker, Inc.  
 Address P.O. Box 178  
Glenville, WV 26351
- 10) PROPOSED WELL WORK: Drill X / 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, 5990 feet
- 13) Approximate trata depths: Fresh, 160 feet; salt, --- feet.
- 14) Approximate coal seam depths: n/a Is coal being mined in the area? Yes \_\_\_\_\_

**RECEIVED**  
 NOV 23 1983

OIL & GAS DIVISION  
 DEPT. OF MINES

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	11 3/4			X		40'			Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8	CW	231b	X		1225'	1225'	To Surface	by rule 15.05
Production	4 1/2	ERW	10.50	X			5990'	3000' Fill	Depths set
Tubing								Up	or as req by rule
Liners									Perforations: 15.01
									Top Bottom

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-085-6265-Ren Date November 30, 1983  
 Formerly 47-085-6265

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 November 30, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<b>MARKET BOND</b>	<u>LD</u>	<u>MH</u>	<u>MH</u>	<u>14500</u>

Administrator, Office of Oil and Gas

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