



1) Date: August, 19 84
 2) Operator's Well No. Miller # 3
 3) API Well No. 47 - 085 - 7145
 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
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 1191 Watershed: Little White Oak Creek LKH 9881
 District: Union County: Ritchie Quadrangle: Pullman 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker
 Address P.O. Box 178 Address P.O. Box 178
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Hersman Name Gene Stalnaker, Inc.
 Address Box 66 Smithville, WV Address P.O. Box 178
477-3597 Glenville, WV 26351
- 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, Marcellus
- 12) Estimated depth of completed well, 5400' feet
- 13) Approximate trata depths: Fresh, --- feet; salt, --- feet.
- 14) Approximate coal seam depths: --- Is coal being mined in the area? Yes / No
- 15) CASING AND TUBING PROGRAM

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 DEPT. of MINES

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	20	x		1291'	1291'	To Surface	
Production	4 1/2	ERW	10.5	x			5400'	2000' Fill	Depths set
Tubing								Up	
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-085-7145 Date October 1, 19 84

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 October 1, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Blanket	Agent:	Plat:	Casing	Fee
147	LS	MU	MU	649

Margaret J. Hason
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

7) WELL LOCATION: B (Oil/Gas) Production, Elevation: 1157, District: Union, County: Boone, State: West Virginia. 8) WELL OPERATOR: Gene Starnes, Inc., Address: P.O. Box 178, Glenville, WV 26031. 9) DRILLING CONTRACTOR: Gene Starnes, Inc., Address: P.O. Box 178, Glenville, WV 26031. 10) PROPOSED WELL WORK: Plug off old formation, Drift, X, 13 1/2" depth. 11) GEOLOGICAL TARGET FORMATION: ... 12) Estimated depth of completed well: 3200 feet. 13) Approximate true depth: Fresh. 14) Approximate coal seam depths: ... 15) CASING AND TUBING PROGRAM: ...

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OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Table with 2 columns: Date, Date(s). Rows include: Application received, Well work started, Completion of the drilling process, Well Record received, Reclamation completed.

OTHER INSPECTIONS

Reason: Reason:

Table with 5 columns: Blanked, Area, Part, Casing, Fee. Contains handwritten notes and a red stamp.

12/22/2006

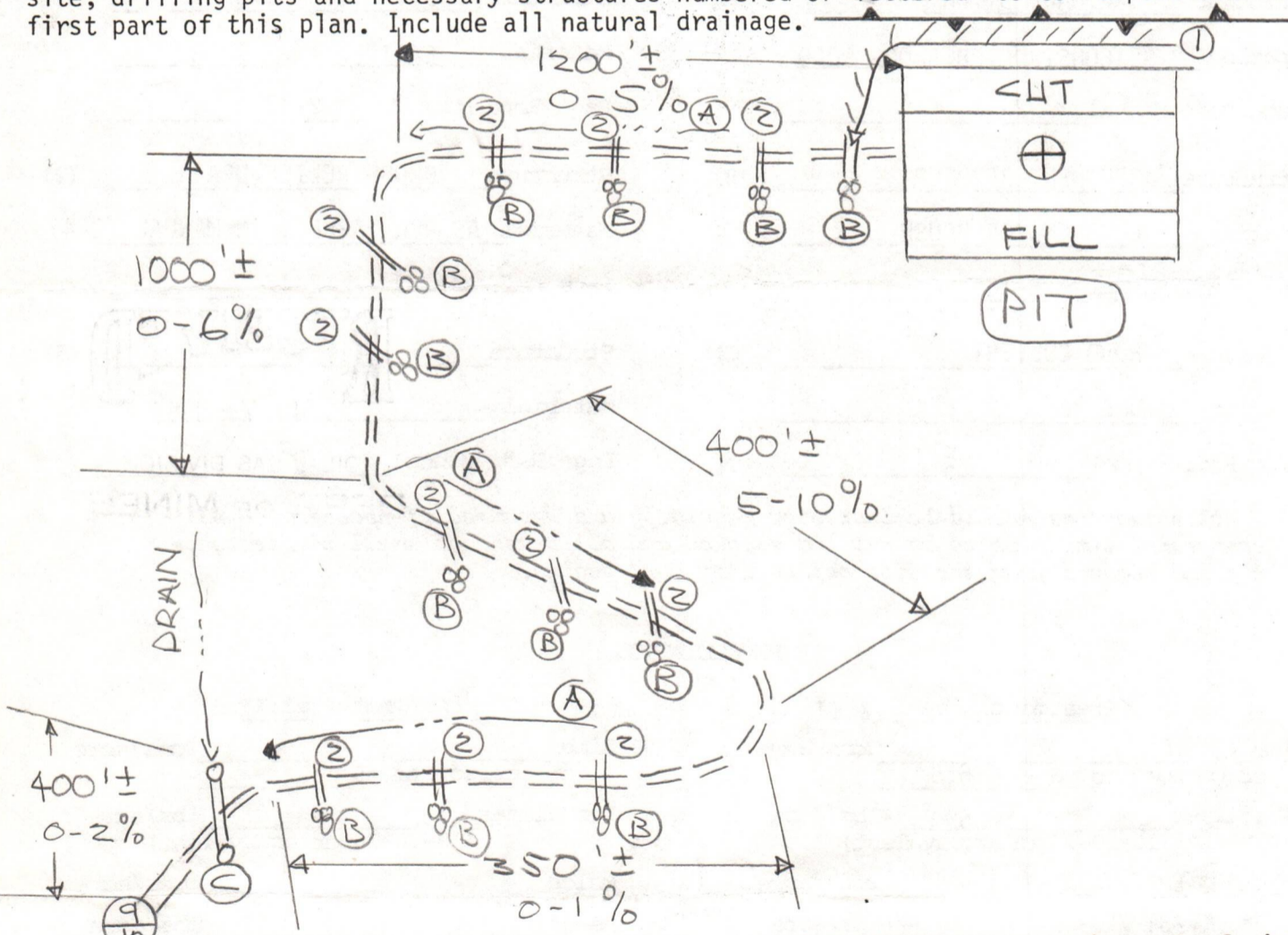
ATTACH OR PHOTOCOPY SECTION
OF INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE PULLMAN 7.5'

LEGEND
WELL SITE  ACCESS ROAD 



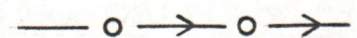
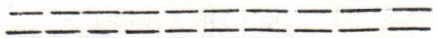

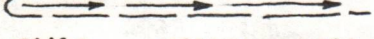
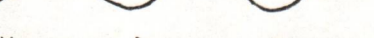
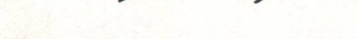
WELL SITE PLAN


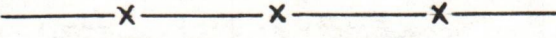
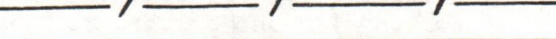



Sketch to include well location, existing access road, roads to be constructed, well-site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



Access road subject to change between company and land owner, or aquirement of right-of-way. If change is made , a revised reclamation plan will be submitted. All cuts 2:1 slope. All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.

LEGEND

- DRAIN PIPE 
- ROAD 
- DIVERSION 
- WATERWAY 
- STREAM 
- OPEN DITCH 

- PROPERTY BOUNDARY  12/22/2023
- EXISTING FENCE 
- PLANNED FENCE 
- BUILDING 
- WET SPOT 
- SPRING 

SLS
SMITH LAND SURVEYING CO.
111 SOUTH ST.
GLENVILLE, WV. 26351

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name Margaret A. Ferguson, Miller
Address 863 Falmouth
Thousand Oak, CA 19362
(ii) Name
Address
(iii) Name
Address

5(i) COAL OPERATOR n/a
Address
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD
Name
Address
Name
Address
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

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SEP 7 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

6) EXTRACTION RIGHTS

Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Gene Stalnaker
this 24 day of August, 1984.
My commission expires 12/07, 1992.
Gregory A. Smith
Notary Public, Gilmer County,
State of West Virginia

WELL OPERATOR Gene Stalnaker, Inc.
By Gene Stalnaker
Its President
Address P.O. Box 178, 220 W. Main St.
Glennville, WV 26351
Telephone 304-462-5701

12/22/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
Margaret & Joseph Miller Dennis Ferguson	Owen T. Wise		428	169
Owen T. Wise	Oiltex, Inc.		328	129
Oiltex, Inc.	Gene Stalnaker, Inc.		Never Recorded	



1) Date: August, 19 84
 2) Operator's Well No. Miller # 3
 3) API Well No. 47
 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
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1191 Watershed: Little White Oak Creek
 District: Union County: Ritchie Quadrangle: Pullman 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker,
 Address P.O. Box 178 Address P.O. Box 178
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Harsman Name Gene Stalnaker, Inc.
 Address Box 66 Smithville, WV Address P.O. Box 178
477-3597 Glenville, WV 26351
- 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, Marcellus
- 12) Estimated depth of completed well, 5400' feet
- 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
- 14) Approximate coal seam depths: _____ 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	<u>11 3/4</u>			<input checked="" type="checkbox"/>		<u>40'</u>			Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>	<u>CW</u>	<u>20</u>	<input checked="" type="checkbox"/>		<u>1291'</u>	<u>1291'</u>	<u>To Surface</u>	
Production	<u>4 1/2</u>	<u>ERW</u>	<u>10.5</u>	<input checked="" type="checkbox"/>			<u>5400'</u>	<u>2000' FILL</u>	Depths set
Tubing								<u>Up</u>	
Liners									Perforations:
									Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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.

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 the filing of the Application.

WAIVER

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: Sam Harsman

Its _____
 12/22/2023
 Coal Owner



1) Date: August, 1984
 2) Operator's Well No. Miller # 3
 3) API Well No. 47
 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
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1191 Watershed: Little White Oak Creek
 District: Union County: Ritchie Quadrangle: Pullman 7.5
- 6) WELL OPERATOR Gene Stalnaker, Inc. 7) DESIGNATED AGENT Gene Stalnaker,
 Address P.O. Box 178 Address P.O. Box 178
Glenville, WV 26351 Glenville, WV 26351
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Sam Heraman Name Gene Stalnaker, Inc.
 Address Box 66 Smithville, WV Address P.O. Box 178
477-3597 Glenville, WV 26351
- 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, Marcellus
 12) Estimated depth of completed well, 5400' feet
 13) Approximate strata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

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15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	OIL & GAS DIVISION PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		DEPT. OF MINES	
Conductor	<u>1 3/4</u>			<input checked="" type="checkbox"/>		<u>40'</u>				Kinds
Fresh water										
Coal										
Intermediate	<u>5/8</u>	<u>CW</u>	<u>20</u>	<input checked="" type="checkbox"/>		<u>1291'</u>	<u>1291'</u>	<u>To Surface</u>		Sizes
Production	<u>1/2</u>	<u>ERW</u>	<u>10.5</u>	<input checked="" type="checkbox"/>			<u>5400'</u>	<u>000' Fill</u>		Depths set
Tubing								<u>Up</u>		
Liners										Perforations:
										Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)

Margaret A. Miller Date: 8/28/84
 (Signature)
Joseph A. Miller Date: 8/28/84
 (Signature)

12/22/2023
 Surface Owner

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

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SEP 01 1984

Gene Stalnaker, Inc.
Glennville, WV 26351

Surface Owner

12/22/2023

47-085-7145



OIL AND GAS
PRODUCER

OIL AND GAS
CONTRACTOR

RECEIVED
JUN 25 1985

1920 WEST MAIN STREET

GLENVILLE, WEST VIRGINIA 26351

PHONE (304) 462-5701

April 19, 1985

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED
MAY 03 1985

Gene Stalnaker, Inc.
Glennville, WV 26351

We the undersigned hereby agree that Gene
Stalnaker, Inc. may cut and pile brush and
stumps, leaving them for wildlife habitat, on
that certain oil and gas well site in Ritchie
County, West Virginia known as the Miller Wells.

Margaret A. Miller

47-682-0040



DEPT. OF MINES
OIL & GAS DIVISION
JUN 2 5 1983
RECEIVED

RECEIVED

IV-36 (Rev 8-81) NOV 14 1984

OIL & GAS DIVISION DEPT. OF MINES



State of West Virginia Department of Mines Oil and Gas Division

Date 11-13-84 Operator's Well No. 3 Farm Miller API No. 47-085-7145

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 x /)

LOCATION: Elevation: 1191 Watershed Little White Oak Creek District: Union County Ritchie Quadrangle Pullman 7.5

COMPANY Gene Stalnaker, Inc.

ADDRESS P.O. Box 178 Glenville, WV 26351

DESIGNATED AGENT Gene Stalnaker

ADDRESS P.O. Box 178 Glenville, WV

SURFACE OWNER Margaret Ferguson Miller

ADDRESS Thousand Oaks, CA

MINERAL RIGHTS OWNER Joseph Miller

ADDRESS Thousand Oaks, CA

OIL AND GAS INSPECTOR FOR THIS WORK Sam

Hersman ADDRESS Box 66 Smithville, WV

PERMIT ISSUED Oct. 1, 1984

DRILLING COMMENCED Oct. 3, 1984

DRILLING COMPLETED Oct. 9, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8 (1300 used, 1271 left, 340 sks), 7, 5 1/2, 4 1/2 (5558 used, 5481 left, 600 sks), 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 2690-5513 feet

Depth of completed well 5481 feet Rotary x / Cable Tools

Water strata depth: Fresh 70 feet; Salt 1700 feet

Coal seam depths: n/a Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3567-5444 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow 300 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests 12 hours

Static rock pressure 1000 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

Second producing formation Pay zone depth 12/22/2023 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

(Continue on reverse side)

711 7145

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

Stage 1	34 Holes	4540-5467	1,000,000 Cu Ft Nitrogen	500 Gal. 15% HCl
Stage 2	26 Holes	3902-4540	1,000,000 Cu Ft Nitrogen	500 Gal. 15% HCl
Stage 3	16 Holes	3549-3902	1,000,000 Cu Ft Nitrogen	500 Gal. 15% HCl

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	10	
Sandstone & Shale			10	100	
Sandstone & Shale			100	500	
Sandstone & Shale			500	1000	
Sandstone & Shale			1000	1500	
Sandstone & Shale			1500	2154	
Big Lime			2154	2265	
Big Injun			2265	2297	
Shale			2297	2312	
Squaw			2312	2325	
Siltstone			2325	2502	
Wier			2502	2578	
Shale			2578	2684	
Berea			2684	2690	
Siltstone			2690	2910	
Gordon			2910	2920	
Siltstone			2920	3085	
Fifth Sand			3085	3091	
Shale			3091	3560	
Warren			3560	3670	
Shale			3670	3995	
Speechly			3995	4080	
Shale			4080	4310	
Balltown			4310	4395	
Shale			4395	4488	
Riley			4488	4550	
Shale			4550	5395	
Alexander			5395	5450	
Shale			5450	5513	

(Attach separate sheets as necessary)

Gene Stalnaker, Inc.
Well Operator

By: Alison Crane Consultant
Date: November 13, 1984 12/22/2023

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."

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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OCT 10 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 85-7145

Oil or Gas Well _____
(KIND)

Company <u>Gene Stalnaker Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Ferguson + Miller</u>	16			Kind of Packer _____
Well No. <u>Miller # 3</u>	13			
District <u>Union</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>10-4-84</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs. <u>705 Hole damp.</u>	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names D. Toalkman / William Todd / S. Stump

Gene Stalnaker Rig # 5 Tool Pusher Frank Amos

Remarks: Visit - 705 foot deep. Dusting hole - Pit OK

10-4-84
DATE

Samuel M. Hersman
DISTRICT WELL INSPECTOR

12/22/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S WELL REPORT

RECEIVED
OCT 16 1984

Permit No. 85-7145

Oil or Gas Well

OIL & GAS DIVISION
DEPT. OF MINES

Company Gene Stalnaker Inc.
Address _____
Farm Ferguson + Miller
Well No. Miller # 3
District Union County Pitchie
Drilling commenced 10-4-84
Drilling completed 10-10-84 Total depth 5513
Date shot _____ Depth of shot _____
Initial open flow _____ /10ths Water in _____ Inch
Open flow after tubing _____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water Dusted hole _____ feet _____ feet
Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 5/8	1286	1286	
6 1/2	5481	5481	Depth set
5 8/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
NAME OF SERVICE COMPANY _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names D. Toothman / William Todd / S. Stump

Rig # 5 Gene Stalnaker Tool Pusher Frank Amos
Remarks: m 10-5-84 ran 1286 feet of 8 5/8" casing - Housco ran 340 sacks cement.

m 10-10-84 complete hole at 5513 foot depth
Ran 5481 feet of 4 1/2" casing
Rigging down at time of visit

10-10-84
DATE

Samuel M. Haysman
DISTRICT WELL INSPECTOR

12/22/2023



RECEIVED
JUN 25 1985

OIL & GAS DIVISION
DEPT. OF MINES.

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 30, 1984

COMPANY Gene Stalnaker, Inc.

PERMIT NO 085-7145 (10-01-84)

P. O. Box 178

FARM & WELL NO Margaret Miller #3

Glenville, West Virginia 26351

DIST. & COUNTY Union/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght		
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste		
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines		
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Samuel N. Heroman

DATE 6-18-85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

July 1, 1985
DATE

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)

1.0 API well number: (If not assigned, leave blank. 14 digits.)	47 - 085 - 7145 -			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	103	Section of NGPA	Category Code	RECEIVED
3.0 Depth of the deepest completion location (Only needed if sections 103 or 107 in 2.0 above.)	5444	feet	14 1984	
4.0 Name, address and code number of applicant (35 letters per line maximum. If code number not available, leave blank.)	Gene Stalnaker, Inc.		OIL & GAS DIV. DEPT. OF MINES	
	Name	Seller Code		
	P.O. Box 178			
	Street			
	Glenville	WV	26351	
	City	State	Zip Code	
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name) (b) For OCS wells:	Field Name			
	Ritchie		WV	
	County		State	
	Area Name		Block Number	
	Date of Lease:			
	Mo.	Day	Yr.	OCS Lease Number
(c) Name and identification number of this well: (35 letters and digits maximum.)	Miller # 3			
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Equitable Gas		Buyer Code	
	Name			
(b) Date of the contract:	Mo. Day Yr.			
(c) Estimated total annual production from the well:	15		Million Cubic Feet	
	(a) Base Price	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	-----	-----	-----
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	S/MMBTU	-----	-----	-----
9.0 Person responsible for this application:	Gene Stalnaker		President	
Agency Use Only	Name		Title	
Date Received by Juris. Agency	Signature			
NOV 14 1984	11/13/84			
Date Received by FERC	Date Application is Completed		304-462-5701	
			Phone Number	

APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)
(Sections 102, 103, 107 and 108)

GENERAL INSTRUCTIONS

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA.

Complete each appropriate item on the reverse side of this page. The code numbers used in items 4 and 6 can be obtained from the Buyer-Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Also enter any additional remarks in the space below. The data reported on this form are not considered to be confidential and will not be treated as such.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 271.501. If there are any questions, call (202) 357-8585.

SPECIFIC INSTRUCTIONS

Use the codes in the table below for type of determination in item 2.

Section of NGPA (a)	Category Code (b)	Description (c)
102	1	New OCS lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS lease
103	-	New onshore production well
107	0	Deep (more than 15,000 feet) high cost gas
107	1	Gas produced from geopressured brine
107	2	Gas produced from coal seams
107	3	Gas produced from Devonian shale
107	5	Production enhancement gas
107	5	New tight formation gas
107	7	Recompletion tight formation gas
108	0	Stripper well
108	1	Stripper well - seasonally affected
108	2	Stripper well - enhanced recovery
108	3	Stripper well - temporary pressure buildup
108	4	Stripper well - protest procedure

Enter the appropriate information regarding other Purchasers/Contracts.

Line No	Contract Date (Mo., Da., Yr) (a)	Purchaser (b)	Buyer Code (c)
1		Equitable Gas	
2			
3			
4			
5			
6			

Remarks:

12/22/2023

NOV 30 1984

COVER SHEET, STATE APPLICATION FOR WELL CLASSIFICATION

Date: Nov. 13, 19 84

AGENCY USE ONLY

Applicant's Name: Gene Stalnaker, Inc.

WELL DETERMINATION FILE NUMBER

Address: P.O. Box 178

841114 -103 -085 - 7145

Glenville, WV 26351

Use Above File Number on all
Communications Relating to This Well

Gas Purchaser Contract No. _____

Date of Contract _____
(Month, day and year)

Designated Agent: Gene Stalnaker

First Purchaser: Equitable Gas

Address: P.O. Box 178

Address: 420 Boulevard of the Allies
(Street or P.O. Box)

Glenville, WV 26351

Pittsburgh PA 15219
(City) (State) (Zip Code)

FERC Seller Code _____

FERC Buyer Code _____

NAME AND TITLE OF PERSON TO WHOM QUESTIONS CONCERNING THIS APPLICATION SHALL
BE ADDRESSED:

Name: Gene Stalnaker
(Print)

President
(Title)

Signature: Gene Stalnaker

Address: P.O. Box 178
(Street or P.O. Box)

Glenville, WV 26351
(City) (State) (Zip Code)

Telephone: (304) 462-5701
(Area Code) (Phone Number)

(Certificate of Proof of Service to Purchaser)

NGPA Category Applied For _____

NGPA SECTION/SUBSECTION

- 102 New Natural Gas
- 102-2 2.5 Mile Test
- 102-3 1000 Foot Deeper Test
- 102-4 New Onshore Reservoir

- 108 Stripper Well Natural Gas
- 108- Stripper Well
- 108-1 Seasonally Affected
- 108-2 Enhanced Recovery
- 108-3 Temporary Pressure Buildup

- 103 New Onshore Production Well
- XXX 103 New Onshore Production Well

- 107 High Cost Natural Gas
- 107-0 Deep (more than 15,000 feet)
- 107-1 Geopressured Brine
- 107-2 Coal Seams
- 107-3 Devonian Shale
- 107-5 Production enhancement
- 107-6 New Tight Formation
- 107-7 Recompletion Tight Formation

AGENCY USE ONLY

QUALIFIED

12/22/2023

RECEIVED

NOV 14 1984

OIL & GAS DIV.
DEPT. OF MINES

Date Received _____

Determination Date _____

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

Date November 13, 1984

Operator's Well No. # 3

API Well No. 47 - 085 - 7145
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL
NGPA Section 103

DESIGNATED AGENT Gene Stalnaker
ADDRESS P.O. Box 178
Glenville, WV 26351

WELL OPERATOR Gene Stalnaker, Inc.
ADDRESS P.O. Box 178
Glenville, WV

LOCATION: Elevation 1014
Watershed Little White Oak Creek
Dist. Union County Ritchie Quad. Pullman 7.5

GAS PURCHASER Equitable Gas
ADDRESS 420 Blvd. of the Allies
Pittsburgh, PA

Gas Purchase Contract No. _____
Meter Chart Code _____
Date of Contract _____

* * * * *

Date surface drilling was begun: Oct. 3, 1984

Indicate the bottom hole pressure of the well and explain how this was calculated:

SEE ATTACHED !!!

AFFIDAVIT

I, Gene Stalnaker, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Gene Stalnaker

STATE OF WEST VIRGINIA,

COUNTY OF Gilmer. TO WIT:

I, Steven B. Duffield, a Notary Public in and for the state and county aforesaid, do certify that Gene Stalnaker, whose name is signed to the writing above, bearing date the 13th day of November, 1984, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 13th day of November, 1984.

My term of office expires on the 6th day of August, 1992.

[NOTARIAL SEAL]

Steven B. Duffield
Notary Public

12/22/2023

CALCULATION OF BOTTOM HOLE PRESSURE

$$p_f = P_{we} \quad (\text{XGLS})$$

Where:

P_f = shut-in formation pressure (psia)

P_w = pressure at the wellhead (psia)

e = napierian logarithm base (2.71828)

G = specific gravity of gas (.70)

L = length of casing to mid-point of the perforations (feet)

S = supercompressibility of gas at the mean temperature
and pressure (.78)

$X = \frac{1}{53.34 T}$ where T = average wellhead and bottom hole temperature
($95^\circ + ^\circ R$)

$$P_f = 1000 e^{(.0000334 \times .70 \times 4508 \times .78)}$$

$$P_f = 1000 e^{(.08221)}$$

$$P_f = 1000 (1.08508)$$

$$P_f = 1085.08$$

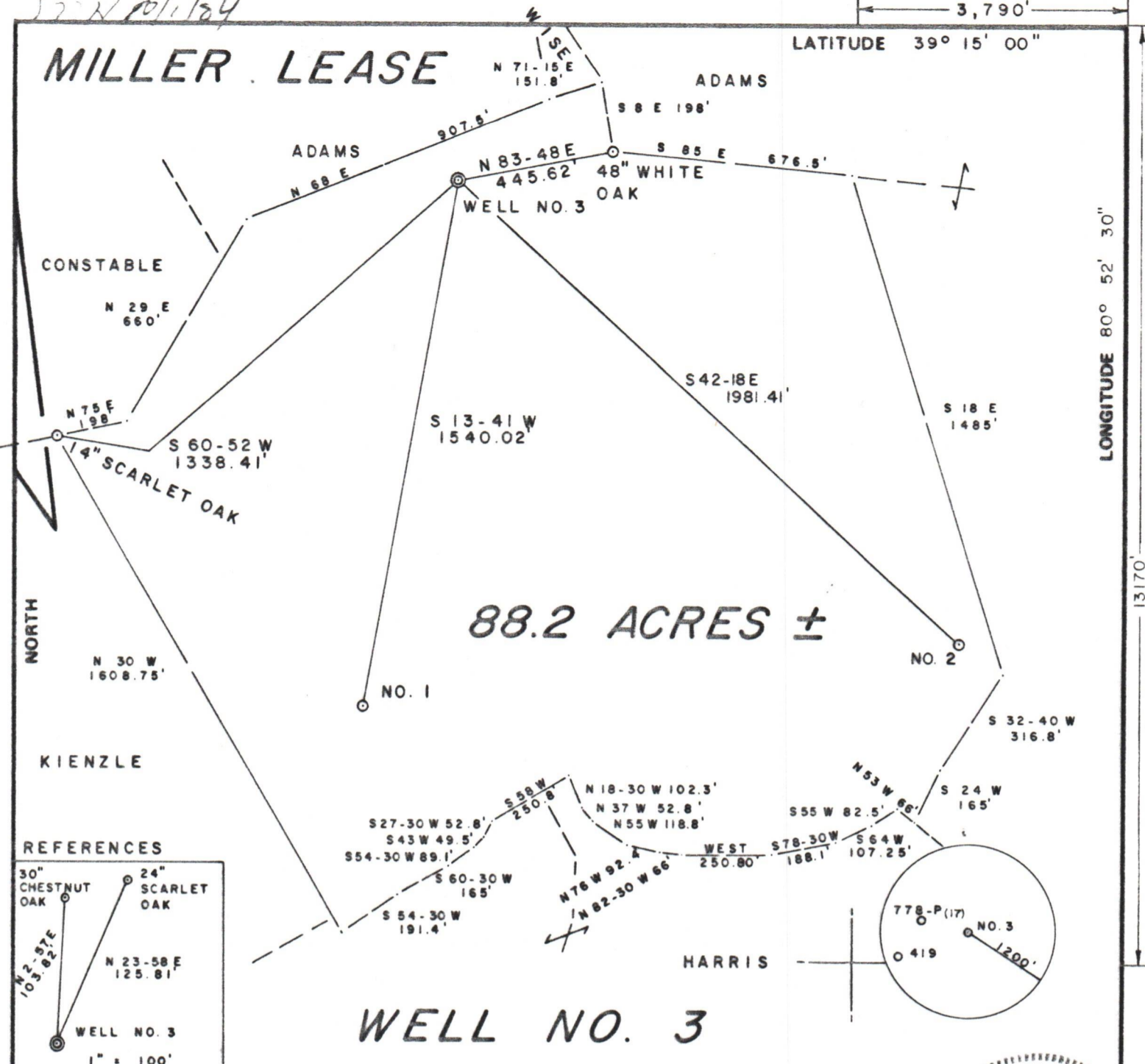
122X 10/1/84

3,790'

MILLER LEASE

LATITUDE 39° 15' 00"

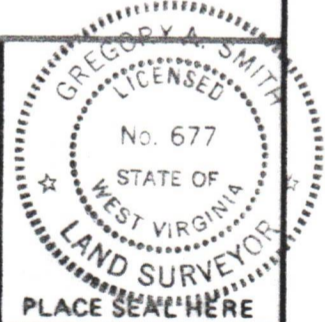
LONGITUDE 80° 52' 30"



WELL NO. 3

FILE NO. 15-3
 DRAWING NO. _____
 SCALE 1"=400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION SPOT ON KNOB ELEV.= 1188'

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.
 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



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



DATE AUGUST 15, 19 84
 OPERATOR'S WELL NO. 3
 API WELL NO. _____
47 - 085 - 7145
 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 1191' WATER SHED LITTLE WHITEOAK CREEK
 DISTRICT UNION COUNTY RITCHIE
 QUADRANGLE PULLMAN 7.5'
 SURFACE OWNER MARGARET ALBERTA FERGUSON MILLER ACREAGE 88.2
 OIL & GAS ROYALTY OWNER JOESPH MILLER et al. LEASE ACREAGE 88.2
 LEASE NO. _____

12/22/2023

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 MARCELLUS ESTIMATED DEPTH 5400'
 WELL OPERATOR GENE STALNAKER, INC. DESIGNATED AGENT GENE STALNAKER
 ADDRESS P.O. BOX 178 ADDRESS P.O. BOX 178
GLENVILLE, WV. 26351 GLENVILLE, WV. 26351