



1) Date: October 12, 19 82
 2) Operator's Well No. One (1)
 3) API Well No. 47 073 1533
 State County Permit

DRILLING CONTRACTOR:

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

Gene Stalnaker, Inc.
P.O. Box 178

OIL AND GAS WELL PERMIT APPLICATION

Glenville, W. Va. 26351

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 1108 Watershed: Branch of Long Run
 District: Washington County: Pleasants Quadrangle: Schultz (7.5)
- 6) WELL OPERATOR Prior Oil Company 11) DESIGNATED AGENT Ferrell Prior
 Address 4818 RoseMar Road Address P. O. Box 1486
Parkersburg, W. Va. 26101 Parkersburg, W. Va. 26101
- 7) OIL & GAS ROYALTY OWNER Robert L. Camper 12) COAL OPERATOR N/A
 Address St. Marys, West Virginia Address _____
26170
- Acreage 75
- 8) SURFACE OWNER Robert L. Camper 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address St. Marys, W. Va. 26170 Name N/A
 Address _____
 Name N/A
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address Unknown
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert A. Lowther
 Address General Delivery
Middlebourne, W. Va. 26149
- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Mid Devonian
- 17) Estimated depth of completed well, 4500 feet
- 18) Approximate water strata depths: Fresh, 80 feet; salt, _____ feet.
- 19) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____ / No _____

RECEIVED
OCT 15 1982
OIL & GAS DIVISION
DEPT. OF MINES

20) 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									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing	8 5/8					1100	1100		To Surface
Liners									Perforations:
Casing	4 1/2						4500	450 sks.	Top Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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.
- 23) Required Copies (See reverse side.)
- 24) 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.
- Notary: _____ Signed: Prior Oil Company
 My Commission Expires _____ Its: Ferrell Prior

OFFICE USE ONLY

Permit number 47-073-1533 **DRILLING PERMIT** Date 10-19- 19 82

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. 10) 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.)

Permit expires 6-19-83 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: _____	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>6456</u>
----------------------	--------------	--------------------------	----------------------------	------------------

Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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 noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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.

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 _____

Its _____



1030

IV-9
(Rev 8-81)

DATE SEPTEMBER 20, 1982

WELL NO. R. CAMPER #1

API NO. 47 - 073 - 1533

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME PRIOR OIL Co. DESIGNATED AGENT FERRELL PRIOR
Address 4818 ROSEMAR RD. PARKERSBURG W.V. 26101 Address 4818 ROSEMAR RD. PARKERSBURG W.V. 26101
Telephone 485-7418 Telephone 485-7418
LANDOWNER ROBERT L. CAMPER SOIL CONS. DISTRICT UPPER OHIO SCD
Revegetation to be carried out by FERRELL PRIOR (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: 10/8/82 (Date)

Kenneth R. Moen
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CROSS DRAIN (A)
Spacing 45' AT 20% SLOPE
Page Ref. Manual 2-4

Structure _____ (1)
Material _____
Page Ref. Manual _____

Structure RIP - RAP (B)
Spacing SAME AS CROSS DRAINS
Page Ref. Manual N/A

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

RECEIVED
OCT 15 1982
OIL & GAS DIVISION
DEPT. OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 1.5 Tons/acre
Seed* KY 31 40 lbs/acre
REDTOP 6 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 5

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 1.5 Tons/acre
Seed* KY 31 40 lbs/acre
REDTOP 6 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 5

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY BRUCE E. DOAK

ADDRESS 293 ASH CIRCLE


DAVISVILLE W.V. 26192


PHONE NO. 485-4633

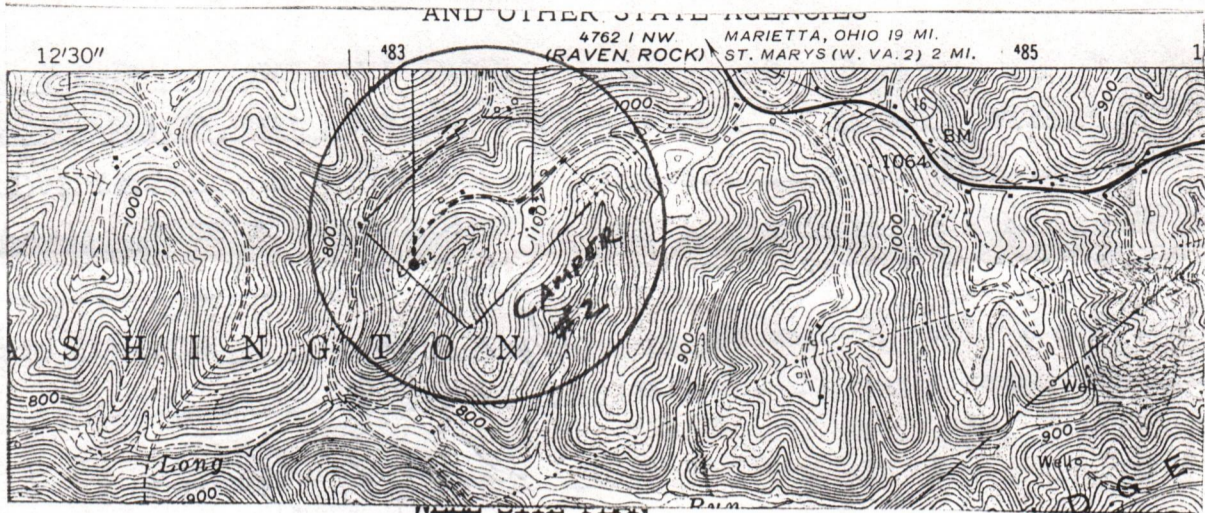
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

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

LEGEND



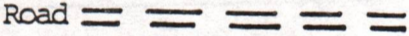
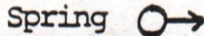





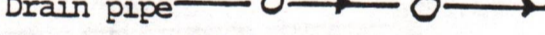

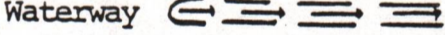
Well Site 

Access Road 



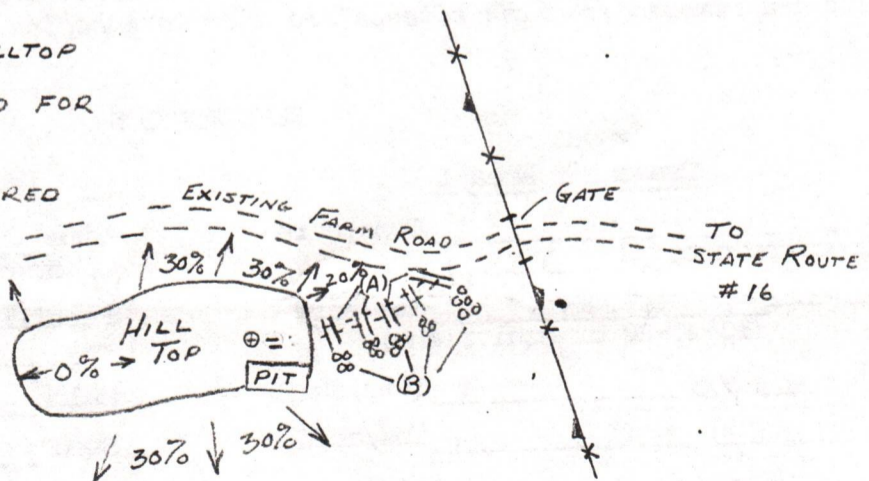
Sketch to include well location, existing access road, roads to be constructed, well site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

NOTES:

- 1) LOCATION AND ACCESS ROAD LOCATED ON A MOWED HILLTOP
- 2) VERY LITTLE GRADING NEEDED FOR LOCATION OR ACCESS ROAD
- 3) NO TREES OR BRUSH TO CLEARED
- 4) EXISTING FARM ROAD SHALL BE MAINTAINED
- 5) ACCESS ROAD 250' ±



RECEIVED

OCT 15 1982

DEPT. OF MINES
OIL & GAS DIVISION

OIL AND GAS LEASE

47-073-1533

AGREEMENT, made and entered into this 22nd day of November A. D. 1981 by and between

Robert L. Campen and Peggy Ann Blake (w/w)
Chil Seattle Farm P.O. Box 981
St Margs, W.Va. 26170

of party of the first part, hereinafter called Lessor (whether one or more), and Prior Oil Company party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey

the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in Washington District, County of Pleasants, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of J. Hane; A. Boley; Clyde Reynolds

EAST by lands of J. Schawwecker

SOUTH by lands of G. Miller and C.C. + Shera Schawwecker

WEST by lands of J.C. McLaughlin and Rodney Reynolds

Containing 115 ac (2 Tracts) acres, more or less and being the same land conveyed to lessor by K.W. + Alma M. Rupert by deed dated July 7, 1980 and recorded in said county records in Pleasants Book No. 156 Page 408

2. It is agreed that this lease shall remain in force for a primary term of one (1) year from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor 1/8 proceeds of any production

for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of \$500 Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before , 19 , unless Lessee pays thereafter a rental of 2000 per acre in adv. for each 12 months that operations are delayed from the time above mentioned.

The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Robert L. Campen and Peggy Ann Blake direct, or by check payable to his (or her) order mailed to (above) and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 2000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

13. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

14. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations, and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

Prepared by Steve Hindland



RECEIVED
AUG 26 1985

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

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

This is to acknowledge that the wells listed on the reverse of this form are hereby transferred from Prior Oil Company (the transferor) to Tiara, Inc. (the transferee).

The transferee by this document is accepting all responsibility for compliance with the provisions of Chapter 22 Article 4 of the West Virginia Code and all rules and regulations promulgated thereunder, for the listed wells.

The transferee's designated agent (name) Roy S. Sites, (address) 1531 Garfield Ave., Suite 101, Parkersburg, WV 26101, is on file with the Office of Oil and Gas.

The transferee has bonded the said wells by ~~security~~ ~~cash~~ ~~surety~~ ~~(other)~~ bond identified below by amount, effective date, issuing authority, and any identifying number. \$50,000.00 January 28, 1985 The Oil & Gas Insurance Co.
Bond # B-001610-023-85

(Transferee) Tiara, Inc.

By José Catali
Its President

Taken, subscribed and sworn to before me this 8th day of AUGUST 19 85

Notary Public Marcie Ratner

My commission expires MARCH 30 19 87

MARCIE RATNER
Notary Public, State of New York
No. 31-4798783
Qualified in New York County
Commission Expires March 30, 19 87

(Transferor) Prior Oil Company

By Herbert Siron
Its President

Taken, subscribed and sworn to before me this 5th day of August 19 85

Notary Public Melodie Rector

My commission expires 2-17 19 93

STATE OF WEST VIRGINIA
OFFICIAL SEAL - NOTARY PUBLIC
Melodie Rector
4318 Rosemar Road
Parkersburg, WV
My Commission Expires: 2/17/93

ACCEPTED THIS 29 DAY OF 8, 19 85
BY: Melodie Rector
Oil and Gas

API (Permit) Number

47 - 085 - 6032

47-085-6033

47-085-5408

47-085-6379

47-085-6432

47-085-6405

47-085-2846

47-073-1533

47-073-1526

47-073-1305

47-021-1189

47-021-2177

47-021-2024

47-021-2050

47-013-3175

47-013-3196

47-017-1746

Farm Name

Barnard

Barnard

Butler

J.A. Cox

Seth Cox

Seth Cox

Zinn

Camper

Cunningham

Naish

Arbuckle

Ellyson

West

West

Arthur

Arthur

Davis

Operator's Well Number

#4

#5

#1

#1

#1A

#1B

#1

#1

#1

#1

#1

#1

#1

#2

#1

#2

#1

plea.

NOT VALID FOR
OPERATION
OF THIS STATE

RECEIVED

SEP 12 1984

IV-35
(Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date August 24, 1984
Operator's Well No. One (1)
Farm Camper
API No. 47 - 073 - 1533

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 / Shallow x /)

LOCATION: Elevation: 1188 Watershed Branch of Long Run
District: Washington County Pleasants Quadrangle Schultz 7.5

COMPANY Ferrell Prior
ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.
DESIGNATED AGENT Ferrell Prior
ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.
SURFACE OWNER Robert L. Camper
ADDRESS St. Marys, West Virginia
MINERAL RIGHTS OWNER Robert L. Camper et al
ADDRESS St. Marys, West Virginia
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS General Delivery Middlebourne, W. Va.
PERMIT ISSUED October 19, 1983
DRILLING COMMENCED January 15, 1983
DRILLING COMPLETED January 20, 1983
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1109	1109	To surface
7			
5 1/2			
4 1/2		5118	525 sks. of Cement
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Mid Devonian Depth 4500 feet
Depth of completed well 5170 feet Rotary x / Cable Tools
Water strata depth: Fresh 87 feet; Salt None feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA 5th Sand Gantz Injun See Frac
Producing formation Riley Balltown Speechley Pay zone depth Detail feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 1mmcf Mcf/d Final open flow 10 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 850 psig (surface measurement) after 4 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

(Continue on reverse side)

PLEAS. - 1533

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

Nowsco Well Service Frac March 23, 1983; Nitrogen Three (3) stages

1st stage 1,000, 0000	Perforations: 4128 4966 38 holes
2nd stage 1,000,000	3588 4080 21 holes
3rd stage 700,000	3348 3550 16 holes

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	200	
Lime			200	240	
Shale			240	250	
Lime			250	270	
Shale			270	320	
Lime			320	345	
Sand			345	410	
Shale			410	412	
Lime			412	448	
Shale			448	558	
Lime			558	658	
Shale			658	698	
Lime			698	928	
Sand			928	962	
Shale			962	1158	
Lime			1158	1202	
Shale			1202	1212	
Lime			1212	1292	
Shale			1292	1386	
Lime			1386	1456	
Shale			1456	1510	
Lime			1510	1556	
Shale			1556	1640	
Lime			1640	1798	
Shale			1798	1806	
Lime			1806	1864	
Shale			1864	1868	
Big Lime			1868	1904	
Shale			1904	1914	
Injun Sand			1914	1976	
Shale			1976	2458	
Gantz Sand			2458	2464	
Shale			2464	2740	
fifth Sand			2740	2766	
Shale			2766	3838	
Speechley			3838	3856	
Shale			3856	4172	
Balltown			4172	4228	

(Attach separate sheets as necessary)

Well Operator _____

By: _____

Date: _____

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."

073 - 1533

Shale	4228	4548
Riley Sand	4548	4574
Shale	4574	5170
Total Depth	5170	

Well Operator

BY: Carl Johnson

Date: _____

RECEIVED
SEP 12 1984

OIL & GAS DIVISION
DEPT. OF MINES

Date: September 10, 19 84

Operator's Well No. One (1)

API Well No. 47 - 073 - 1533
State County Permit

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Ferrell Prior
Address 4818 Rosemar Road
Parkersburg, W. Va. 26101

DESIGNATED AGENT Ferrell Prior
Address 4818 Rosemar Road
Parkersburg, W. Va. 26101

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 5170 feet
Perforation Interval 4966 - 3348 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>4-2-84</u>	TIME <u>7:00Am</u>	END OF TEST-DATE <u>4-3-84</u>	TIME <u>7:00AM</u>	DURATION OF TEST <u>24 hours</u>
TUBING PRESSURE <u>N/A</u>	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST bbls.	GAS PRODUCTION DURING TEST Mcf	WATER PRODUCTION DURING TEST & SALINITY bbls. ppm.		
OIL GRAVITY <u>49</u>	°API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>Flowing</u>		
GAS PRODUCTION				
MEASUREMENT METHOD FLANGE TAP <input type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>			POSITIVE CHOKE <input checked="" type="checkbox"/> CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER <u>1/8"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>N/A</u>	NOMINAL CHOKE SIZE - IN. <u>N/A</u>		
DIFFERENTIAL PRESSURE RANGE <u>N/A</u>	MAX. STATIC PRESSURE RANGE <u>N/A</u>	PROVER & ORIFICE DIAM. - IN. <u>N/A</u>		
DIFFERENTIAL <u>N/A</u>	STATIC <u>N/A</u>	GAS GRAVITY (Air=1.0) MEASURED _____ ESTIMATED <u>.68</u>		
GAS GRAVITY (Air=1.0) <u>.68</u>	FLOWING TEMPERATURE <u>60</u>	GAS TEMPERATURE _____ °F		
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT			
PRESSURE - _____ psia				
TEST RESULTS				
DAILY OIL <u>10</u> bbls.	DAILY WATER <u>0</u> bbls.	DAILY GAS <u>1mmcf</u> Mcf.	GAS-OIL RATIO <u>100,000</u> SCF/STB	

Ferrell Prior
Well Operator
By: Ferrell Prior
Its: Agent

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

RECEIVED

JAN 17 1983

INSPECTOR'S WELL REPORT

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Permit No. 073-1533

Oil or Gas Well _____
(KIND)

Company <u>prior oil co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>parkersburg w. va.</u>	Size			
Farm <u>Robert L camper</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>washington</u> County <u>pleasant</u>	10			Size of _____
Drilling commenced _____	8 1/4	<u>1100</u>	<u>1100</u>	
Drilling completed _____ Total depth <u>1140</u>	6 3/4			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.	CASING CEMENTED <u>8 5/8</u> SIZE <u>1100</u> No. FT <u>113-83</u> Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>nowesco</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

1-13-83

DATE

R.A. Lowther

DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 20 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1533

Oil or Gas Well _____
(KIND)

Company Prior oil co
 Address parkersburg w. Va.
 Farm Robert L Camper
 Well No. 1
 District Washington County pleasants
 Drilling commenced _____
 Drilling completed _____ Total depth 3243
 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 _____ 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 1/4	<u>1102</u>	<u>1102</u>	
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1102 No. FT. 1-13-83 Date
 NAME OF SERVICE COMPANY nowisco
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: _____

1-17-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

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

RECEIVED

JAN 24 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1533

Oil or Gas Well _____
(KIND)

Company prior oil co
 Address Parkersburg w. Va.
 Farm Robert L. Camper
 Well No. 1
 District Washington County Pleasant
 Drilling commenced _____
 Drilling completed 1-19-83 Total depth 5177
 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 _____ 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 1/4			
6 3/4			Depth set _____
5 3/4	<u>4 1/2</u>	<u>5160</u>	<u>5160</u>
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 5160 No. FT. 1-19-83 Date
 NAME OF SERVICE COMPANY NOUACO
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Gas 1751

1-19-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR



RECEIVED
OCT 12 1984
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
October 1, 1984

COMPANY Ferrell Prior

PERMIT NO 073-1533

P. O. Box 1486

FARM & WELL NO Robert Camper #1

Parkersburg, West Virginia 26101

DIST. & COUNTY Washington/Pleasants

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

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

SIGNED R. H. Lowther

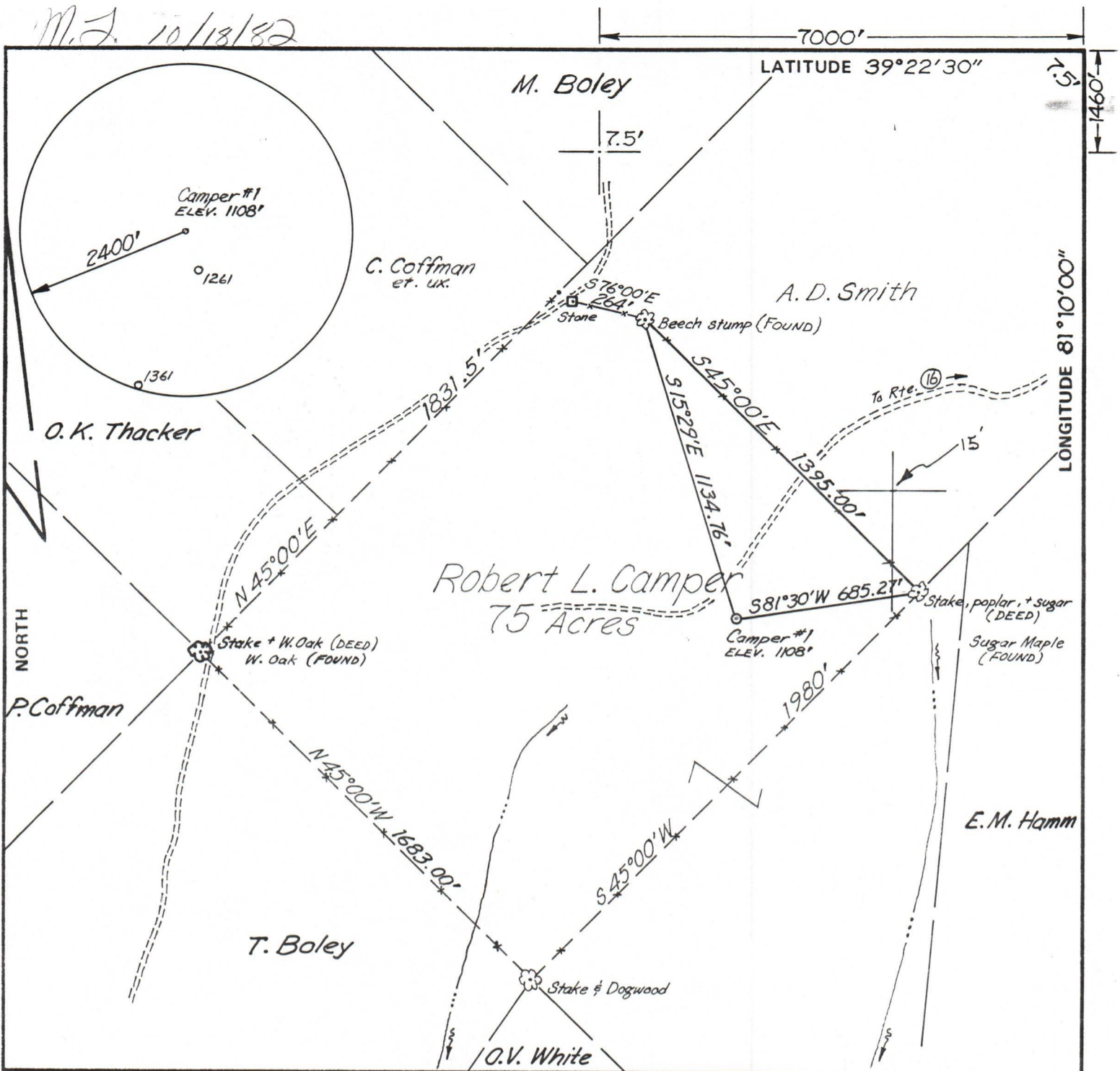
DATE oct 8, 1984

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. L. ...
Administrator-Oil & Gas Division

January 9, 1985

DATE



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION USGS BM 1064'

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) Paul K. Marshall
 R.P.E. _____ L.L.S. 580



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



DATE SEPTEMBER 22, 19 82
 OPERATOR'S WELL NO. CAMPER# 1
 API WELL NO. _____
47 - 073 - 1533
 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 1108' WATER SHED BRANCH OF LONG RUN
 DISTRICT WASHINGTON COUNTY PLEASANTS
 QUADRANGLE SCHULTZ (7.5')
 SURFACE OWNER ROBERT L. CAMPER ACREAGE 75
 OIL & GAS ROYALTY OWNER ROBERT L. CAMPER LEASE ACREAGE 75
 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 MID DEVONIAN ESTIMATED DEPTH 4500'
 WELL OPERATOR PRIOR OIL CO. DESIGNATED AGENT FERRELL PRIOR
 ADDRESS 4818 ROSEMAR ROAD ADDRESS 4818 ROSEMAR ROAD
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101

PLEAS. - 1533