



1) Date: February 6, 19 84
 2) Operator's Well No. DePolo P#1
 3) API Well No. 47 - 033 - 3007
 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 X / Underground storage / Deep / Shallow X)
- 5) LOCATION: Elevation: 1049 Watershed: Peddler Run
 District: Simpson County: Harrison Quadrangle: Rosemont
- 6) WELL OPERATOR Sheldon & Sheldon, Inc. 7) DESIGNATED AGENT David J. Sheldon
 Address 118 Westwood Avenue Address 118 Westwood Avenue
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Mr. Steve Casey Name Coastal Corporation
 Address Rt. 2 Box 232 D. Address 3501 Emerson Ave. Suite 4B
Jane Lew, WV 26378 Parkersburg, WV 26104
- 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, Benson
- 12) Estimated depth of completed well, 4500 feet
- 13) Approximate strata depths: Fresh, 75 feet; salt, feet.
- 14) Approximate coal seam depths: 60' 450' 600' Is coal being mined in the area? Yes No X
- 15) CASING AND TUBING PROGRAM 720' and 780'

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 FEB 23 1984
 OIL & GAS DIVISION
 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	H44	42		X	30200	30200	GTS	Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J-55	20	X		850	850	to surface	Neat
Production	4 1/2	J-55	10.5	X		4500	4500	250 scs.	Depths set or as req.
Tubing									by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3007

March 26, 19 84
 Date

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 March 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u> </u>	Plat: <u> </u>	Casing: <u> </u>	Fee: <u>116</u>
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[Signature]
 Administrator, Office of Oil and Gas

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

File



OFFICE USE ONLY

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

1) WELL LOCATION: B (If Class, Production) _____
 2) WELL OPERATOR: _____
 3) DRILLING CONTRACTOR: _____
 4) OIL & GAS INSPECTOR TO BE NOTIFIED: _____
 5) PROPOSED WELL WORK: _____
 6) GEOLOGICAL TARGET FORMATION: _____
 7) CASING AND TUBING PROGRAM: _____

OFFICE USE ONLY

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

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

Reason: _____

Reason: _____

Blank	Agency	Plan	Casing	Fee

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,
COUNTY OF Harrison :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. Depolo P#1 located in Simpson District, Harrison County, West Virginia, upon the person or organization named--

Lakeland Development Company

--by delivering the same in Harrison County, State of West Virginia on the 8th day of February, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.

Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

Handing it to the corporation's employee / officer / director / attorney in fact / named Stuart Waters.

Attorney- Stephoe & Johnson
Clarksburg, WV

David J. Steinhilber
(Signature of person executing service)

Taken, subscribed and sworn before me this 8th day of February, 1984.
My commission expires November 28, 1988.

Debra J. Kearns
Notary Public



(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

West Virginia
HARRISBURG

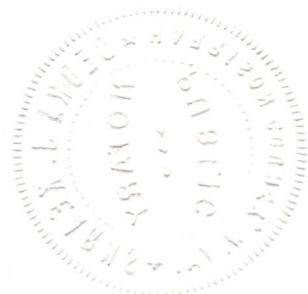
July 1900

James D. ...

...

...

...



7008-880

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 sub section (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:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book</u>	<u>Page</u>
Sheldon and Sheldon, Inc.	Frank DePolo	1/8th	1134	178
				Assignment



1) Date: February 13, 1984
2) Operator's Well No. DePolo P#1
3) API Well No. 47-033-3007
State County Permit _____

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 Lakeland Development Co.
Address 24 Hillcrest Lane
Bridgeport, WV 26330

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
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.

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

David J. Sheldon, President
this 13 day of February, 1984.
My commission expires Nov. 28, 1988.

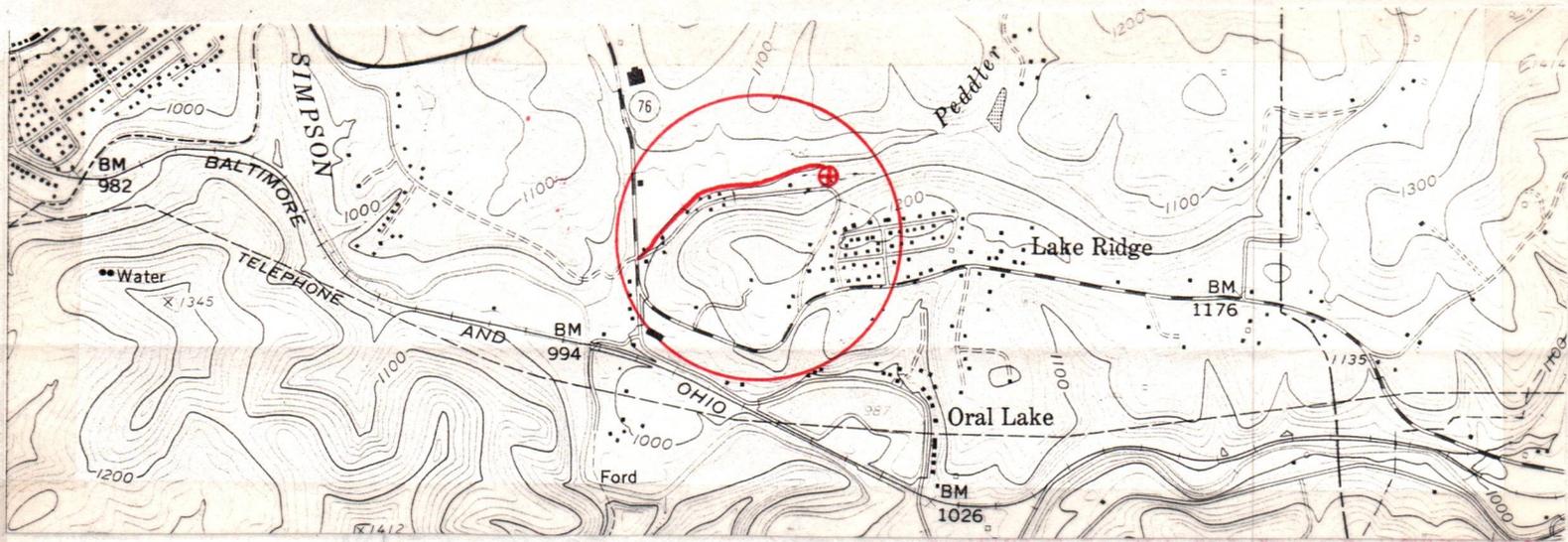
Debra J. Kearns
Notary Public, Garrison County,
State of West Virginia

WELL OPERATOR Sheldon and Sheldon, Inc.

By David J. Sheldon
Its President
Address 118 Westwood Avenue
Bridgeport, WV 26330
Telephone (304) 624-4296

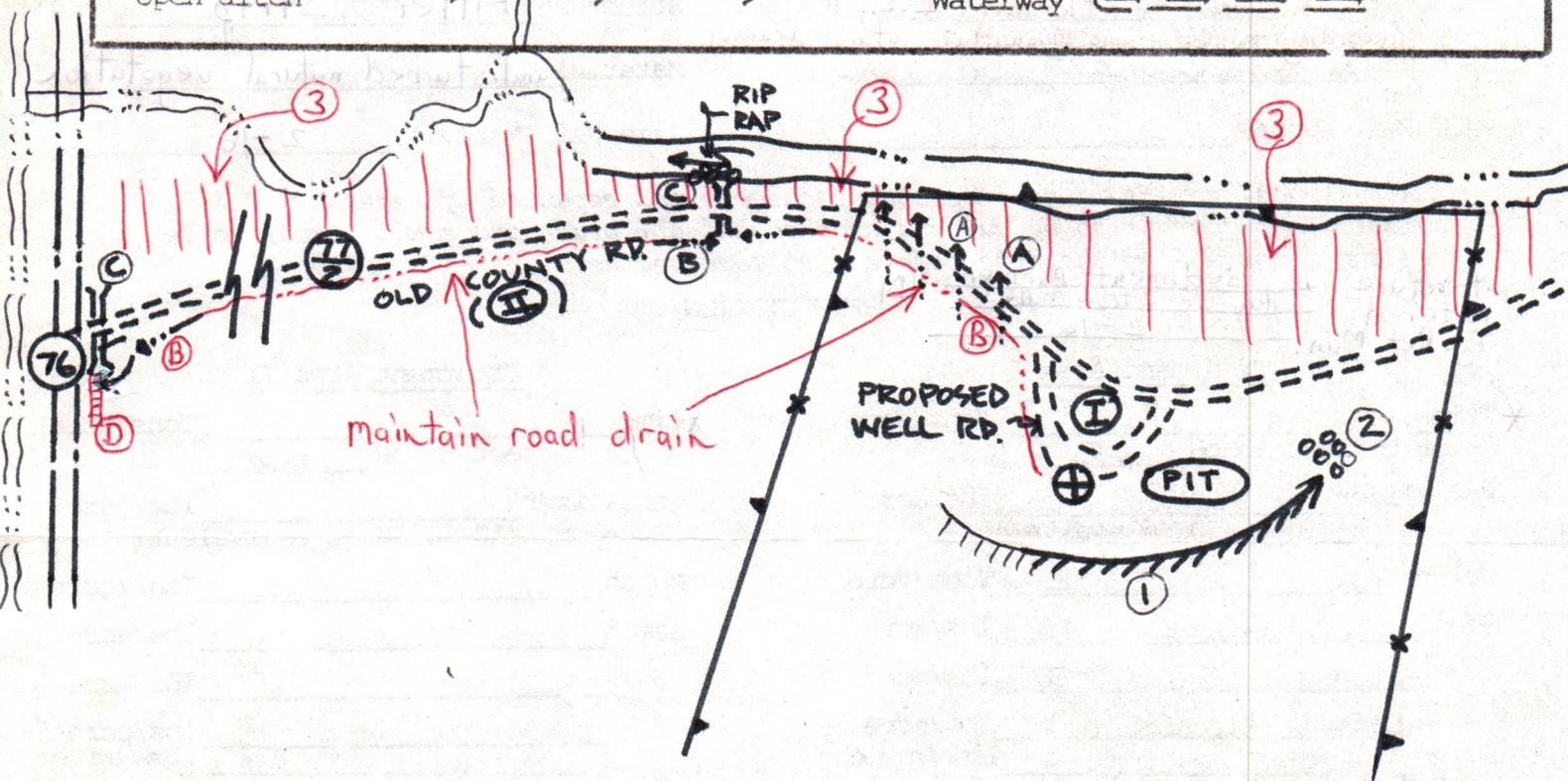
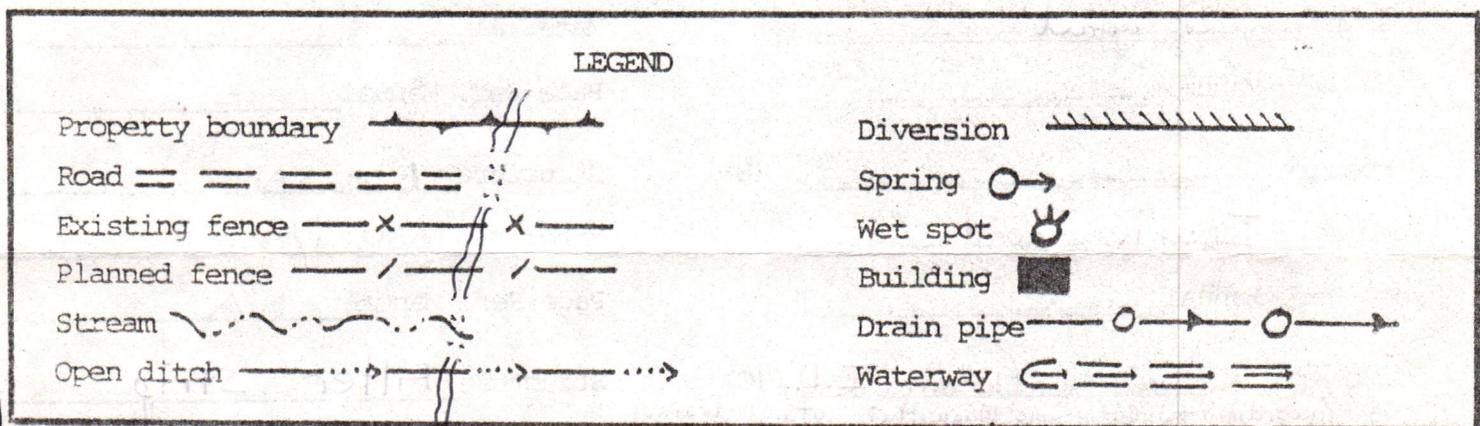
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE **ROSEMONT**

LEGEND
WELL SITE ⊕ ACCESS ROAD —



WELL SITE PLAN

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



- Comments:
1. SITE FLAT & CLEARED: LITTLE GRADING & NO CLEARING REQUIRED
 2. AVERAGE SLOPE OF ACCESS RD = 1%
 3. ENTRANCE TO ACCESS ROAD WILL BE HEAVILY STONED.
 4. REMAINDER OF ACCESS RD. WILL BE STONED AS REQUIRED.
 5. Topsoil will be stockpiled for use in reclamation work.



DATE 6 FEB '84

WELL NO. DEPOLO P#1

API NO. 47 - 033 - 3007

State of West Virginia
Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME SHELDON & SHELDON, INC.
ADDRESS 118 WESTWOOD AVE.
BRIDGEPORT, W.V. 26330
Telephone 304-624-4296

DESIGNATED AGENT DAVID J. SHELDON
ADDRESS 118 WESTWOOD AVE.
BRIDGEPORT, W.V. 26330
Telephone 304-624-4296

LANDOWNER LAKELAND DEVELOPMENT CO.

SOIL CONS. DISTRICT WEST FORK

Revegetation to be carried out by COASTAL CORP. (Agent)

This plan has been reviewed by West Fork SCD. All corrections
and additions become a part of this plan: 2/10/84 (Date)

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR SLOPE OF PLUS OR MINUS 3 PERCENT MAKES THIS PLAN NOT ACCEPTABLE TO WFSCD.

Kenneth E. Knight
(SCD Agent)

RECEIVED
FEB 23 1984

OIL & GAS DIVISION

LOCATION DEPT. OF MINES

ACCESS ROAD

Structure CROSS DRAIN (A)
Spacing 50' apart
Page Ref. Manual 2-1

Structure DIVERSION DITCH (1)
Material SOIL
Page Ref. Manual 2-12

Structure DRAINAGE DITCH (B)
Spacing Inside road cuts
Page Ref. Manual 2-12

Structure RIP RAP (2)
Material BRUSH/STONE
Page Ref. Manual N/A

Structure CULVERT (18" min. I.D.) (C)
(according to Oil & Gas Manual at natural drains)
Spacing AT CROSS DRAINS & RD. ENTRANCE
Page Ref. Manual 2-7

Structure Filter Strip (3)
Material undisturbed natural vegetation
Page Ref. Manual 2-16

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.

Structure Sediment Barrier (D)
Material Hay or straw bales
Pg. Ref. Man. 2-16 REVEGETATION

Treatment Area I

Treatment Area II

*Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

*Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch HAY 2 Tons/acre
Seed* KY 31 FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre

Mulch HAY 2 Tons/acre
Seed* KY 31 FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
LADINO CLOVER 3 lbs/acre
TIMOTHY 6 lbs/acre

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

*Lime according to pH test.

PLAN PREPARED BY WILLIAM AMBROSE, L.L.S.

ADDRESS RT. 2 BOX 51A

WALKER WV 26180

PHONE NO. 304-679-3970

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

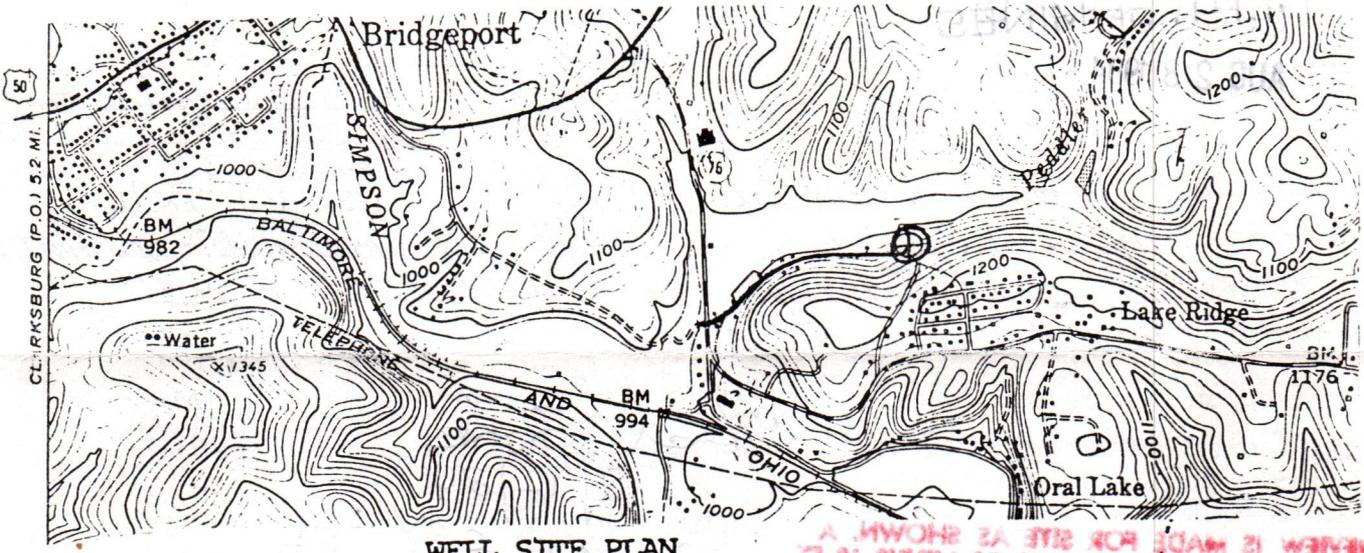
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Rosemont 7.5'

LEGEND

Well Site ⊕

Access Road ———



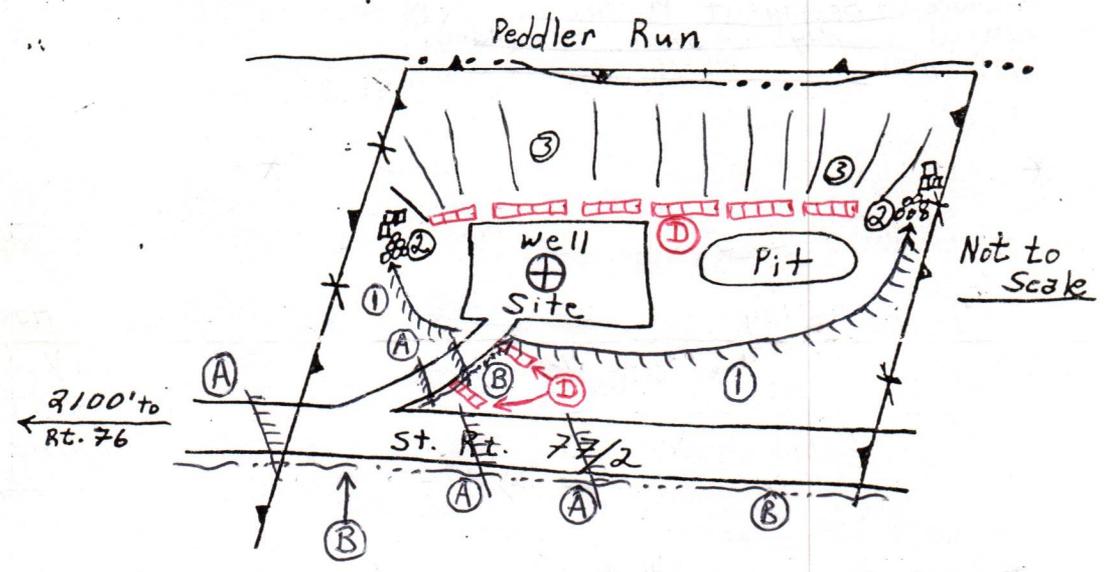
WELL SITE PLAN

THIS REVIEW IS MADE FOR SITE AS SHOWN. A CHANGE OF ELEVATION OF PLUS OR MINUS 10 FT. OR MORE OF THIS OR MINUS 1 PERCENT MAKES THE PLAN INVALID.

Sketch to include well location, existing access road, roads to be constructed, well site, filling 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	———x———x———x———x———x———	Wet spot	♂
Planned fence	———/———/———/———/———/———	Building	■
Stream	~~~~~	Drain pipe	○→○→○→○→
Open ditch	———>———>———>———>———>———	Waterway	←=====



- 1) Site flat & cleared, little grading & no clearing
- 2) Avg. slope of access rd. = 1%
- 3) Entrance to access rd. will be heavily stoned. Remainder of access rd. stoned as req'd.
- 4) Topsoil will be stockpiled for use in reclamation work.

A 10

5-14-85

1) APPLICATION (To Be Completed By Company)

- Company Name Petroleum Development Corporation
 Mailing Address P.O. Box 26, Bridgeport, West Virginia 26330
 Telephone 842-6256 Well Name DePolo #1
- Name of stream that may be discharged to: Peddler Run
 A tributary of: Simpson Creek
- Treatment and method of pit disposal most likely to be utilized (method not necessarily restricted to this):
Lime - Land Application
- Name of person supervising discharge: Charles Krushansky
 Telephone 291-5960 Date Approved _____

RECEIVED
 JUN 5 - 1985

OIL & GAS DIVISION
 DEPT. OF MINES

Eugene Morgan 5/16/85
 Signature

By completing and submitting this application I agree to adhere to the provisions of the interim experimental general permit system. I understand that participation in the program does not prohibit enforcement action for violation of the terms of this general permit or some other applicable law on

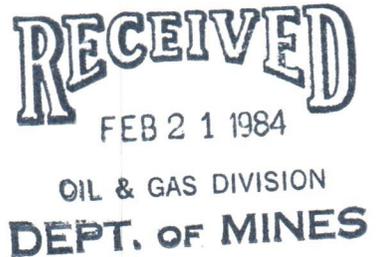
2) NOTIFICATION (To Be Completed By DMR)

- Initial Company contact: (Approximately 7 days prior to discharge)
 Date 5-9-85 Individual U. Leon
 Proposed discharge date 5-13-85
 Type of disposal method selected Hand App
 Volume of waste Total 300,000 Discharge rate 100 GPH
 Time projected for discharge 3 DAYS
 Receiving Stream flow rate N/A
 Objection No Objection
- Final Company contact: (48 hours required notice)
 Date 5-9-85 Individual V. Leon
 Final discharge date 5-13-85
 Objection No Objection

INSPECTION (To Be Completed By DMR)

- 208 Practices - Acceptable Not Acceptable
 Comments: Access Road + Ditches, Drilling Pits
Good Construction - 5-9-85
- Compliance with general permit interim guidelines: Acceptable Not Acceptable
 Comments: 3 Drilling Pits #1 Below Well head 100 GPH < 1.0 FE.
#2 lower RT of Well head - 900 PH < 3.0 FE #3 lower Left
below well head 9.5 PH < 2.0 FE
- Division of Water Resources Action Taken:
 Action Recommended: _____
- Parameters (Prior to discharge (if any) at discharge):
 pH 11.100 PH Total Pb _____
 Chloride 29.0 PH TSS _____
 Total Fe 2.4 PH Total Cu _____
17-220 TDS _____
 Conductivity _____

February 17, 1984



The Administrator of the Office
of Oil and Gas,
West Virginia Department of Mines,
1615 Washington Street, East,
Charleston, West Virginia, 25311.

Gentlemen:

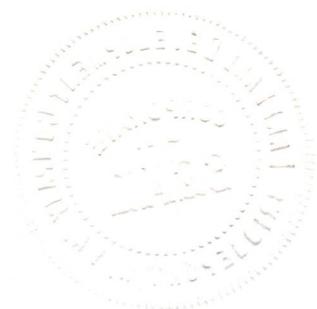
Lakeland Development Company wishes to make the following comments with regard to an application for a well work permit issued on February 6, 1984, upon which the well operator is listed as Sheldon & Sheldon, Inc., 118 Westwood Avenue, Bridgeport, West Virginia, 26330, and the drilling contractor is listed as Coastal Corporation, 3501 Emerson Avenue, Suite 4B, Parkersburg, West Virginia, 26104; the well to be drilled is in the Benson Sand and is situate on Peddlar's Run in Harrison County, West Virginia; the address of Lakeland Development Company is c/o Robert Berger, Route 1, 24 Hillcrest Lane, Bridgeport, West Virginia, 26330; the telephone number is 842-4004; and the well number is "DePolo P #1":

1. Lakeland Development Company is in the business of developing the surface properties into subdivisions for the erection of new homes in and near the City of Bridgeport, Simpson District, Harrison County, West Virginia, and as such has a moral, and possibly a legal, obligation to the many families who have purchased lots and built their homes there to see that oil and gas wells are not located in an area that would depreciate the value of their investments; and Lakeland Development Company has an investment in the area to be drilled which should be protected.

2. The plat accompanying the application does not indicate how the drilling contractor will acquire access to the proposed well site. It would appear that the drilling contractor intends to go from Route No. 76 over and across county road No. 77/2 to the well site. Lakeland Development Company believes that county road No. 77/2 has been abandoned by the State of West Virginia and has not been travelled for several years; that there is no present entrance off Route No. 76 onto county road No. 77/2; and possibly the only entrance to old county road No. 77/2 would be through a paved road servicing the residents of Augusta Park Subdivision; and Lakeland Development Company does not want the abandoned road reopened or the paved road destroyed by heavy equipment.

Flora Berger
Flora Berger, Secretary

By *Robert Berger*
Robert Berger, President



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

PERFORMED A TWO-STAGE GELLED H2O FRAC WITH N2 ASSIST -- FIRST STAGE: PERFORATED BENSON WITH 9 SHOTS (4197'-99'). USED 10,000# OF 80/100 SAND, 26,000# OF 20/40 SAND AND 60,000 SCF OF N2. SECOND STAGE: PERFORATED RILEY WITH 13 SHOTS (3962'-65'). USED 10,000# OF 80/100 SAND, 25,000# OF 20/40 SAND AND 70,000 SCF OF N2.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
KB - GL			0	10	½" stream H2O @ 48'
sand, shale, redrock			10	1159	1" stream H2O @ 211'
big lime			1159	1229	coal @ 268'
keener			1229	1250	
sand, shale			1250	1257	
big injun			1257	1308	
sand, shale			1308	1638	
gantz			1638	1672	
sand, shale			1672	1676	
50 foot sand			1676	1720	gas @ 1728'; no show
sand, shale			1720	1751	
30 foot sand			1751	1781	
sand, shale			1781	1835	
gordon stray			1835	1860	
sand, shale			1860	1926	
gordon			1926	1946	
sand, shale			1946	1997	
4th sand			1997	2034	
sand, shale			2034	2086	
5th sand			2086	2130	
sand, shale			2130	2178	
lower 5th			2178	2217	
sand, shale			2217	2796	gas @ 2255'; 2/10 thru 1" w/H2O
speechley			2796	2887	
sand, shale			2887	3007	gas @ 2944'; 2/10 thru 1" w/H2O
balltown			3007	3233	
sand, shale			3233	3377	
bradford			3377	3492	
sand, shale			3492	3807	
riley			3807	4007	
sand, shale			4007	4176	
benson			4176	4200	
sand, shale			4200	4315	TD driller
				4326	TD logger
					gas @ 4223'; 14/10 thru 1" w/H2O
					gas @ TD; 34/10 thru 1" w/H2O

(Attach separate sheets as necessary)

PETROLEUM DEVELOPMENT CORPORATION

Well Operator

By:

Date:

[Signature]
6/24/85

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."

RECEIVED

IV-35
(Rev 8-81)

JUN 27 1985

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia

Department of Mines
Oil and Gas Division

Date _____
Operator's Well No. #1
Farm Frank DePolo
API No. 47 - 033 - 3007

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

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

LOCATION: Elevation: 1049' Watershed Peddler Run
District: Simpson County Harrison Quadrangle Rosemont 7 1/2'

COMPANY PETROLEUM DEVELOPMENT CORPORATION

ADDRESS 103 EAST MAIN ST, BRIDGEPORT, WV 26330

DESIGNATED AGENT STEVEN R. WILLIAMS

ADDRESS 103 EAST MAIN ST, BRIDGEPORT, WV 26330

SURFACE OWNER LAKELAND DEVELOPMENT COMPANY

c/o STEWART WATERS

ADDRESS PO BOX 1716, CLARKSBURG, WV 26301

LAKELAND DEVELOPMENT CO.

MINERAL RIGHTS OWNER AND FRANK DEPOLO

ADDRESS 213 RUFF RD, APT. 138, INKSTER, MICH. 48141

OIL AND GAS INSPECTOR FOR THIS WORK STEPHEN

RT 2, BOX 232-D

CASEY ADDRESS JANE LEW, WV 26378

PERMIT ISSUED MARCH 26, 1984

DRILLING COMMENCED SEPTEMBER 24, 1984

DRILLING COMPLETED SEPTEMBER 28, 1984

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"	20'	20'	cement to surface
9 5/8			
8 5/8	843'	843'	235 sks
7			
5 1/2			
4 1/2	4280'	4280'	400 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 5000 feet

Depth of completed well 4326 feet Rotary xx / Cable Tools _____

Water strata depth: Fresh 48; 211 feet; Salt n/a feet

Coal seam depths: 268 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation BENSON, RILEY Pay zone depth 3962-4199 feet

Gas: Initial open flow NOT TAKEN Mcf/d Oil: Initial open flow _____ Bbl/d

Final open flow 290 Mcf/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ hours

Static rock pressure 1180 psig (surface measurement) after 72 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)

HARR 3007

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

RECEIVED
SEP 28 1984
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 33-3007 (*Sheldon + Sheldon assigned to PDC*)

Oil or Gas Well _____
(KIND)

Company PDC

Address _____

Farm Lakeland Deerf.

Well No. De Polo 1

District Simpson County Harr.

Drilling commenced 9-24-84

Drilling completed _____ Total depth _____

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			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 1/2			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			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 CDI 5

Remarks: starting to move in

9-24-84
DATE

Steve Casey
DISTRICT WELL INSPECTOR

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

RECEIVED
OCT 1 - 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 33-3007

Oil or Gas Well _____
(KIND)

Company PDC
 Address _____
 Farm Lakeland Devel.
 Well No. De Polo 1
 District Simpson County Harr.
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 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 48 feet 211 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 1/2			Depth set _____
5 3/16			
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 268 FEET 36 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names UDI 5

Remarks: 8 5/8 843' 235 SKS. BJH

9-26-84
DATE

Steve Casey
DISTRICT WELL INSPECTOR



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

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JUL 16 1985
OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

Sheldahl Sheldahl
COMPANY Petro. Serv. Co.

PERMIT NO 33-3007 (3-26-84)

FARM & WELL NO Lakeland Depole

DIST. & COUNTY Simpson Harr.

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 Steve Casey

DATE 7-15-85

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

August 1, 1985
DATE

WEST VIRGINIA DEPARTMENT OF MINES

CHARLESTON, WEST VIRGINIA

INTER - OFFICE MEMORANDUM

TO- Steve Casey

DATE- 7 March 6, 1984

FROM- Margaret Hesse

SUBJECT- Comment on Sheldon's Shale
Well Work Permit Application
Me 760 P #1

Steve - Please check on this one.

Any imminent danger to life & limb? How
close are subdivision dwellings to location?

Check on Water Well?

Let me know what you think as soon
as possible! PLEASE!!

Thanks. Margaret

February 17, 1984

RECEIVED

FEB 21 1984

OIL & GAS DIVISION

DEPT. OF MINES

The Administrator of the Office
of Oil and Gas,
West Virginia Department of Mines,
1615 Washington Street, East,
Charleston, West Virginia, 25311.

Gentlemen:

Lakeland Development Company wishes to make the following comments with regard to an application for a well work permit issued on February 6, 1984, upon which the well operator is listed as Sheldon & Sheldon, Inc., 118 Westwood Avenue, Bridgeport, West Virginia, 26330, and the drilling contractor is listed as Coastal Corporation, 3501 Emerson Avenue, Suite 4B, Parkersburg, West Virginia, 26104; the well to be drilled is in the Benson Sand and is situate on Peddlar's Run in Harrison County, West Virginia; the address of Lakeland Development Company is c/o Robert Berger, Route 1, 24 Hillcrest Lane, Bridgeport, West Virginia, 26330; the telephone number is 842-4004; and the well number is "DePolo P #1":

1. Lakeland Development Company is in the business of developing the surface properties into subdivisions for the erection of new homes in and near the City of Bridgeport, Simpson District, Harrison County, West Virginia, and as such has a moral, and possibly a legal, obligation to the many families who have purchased lots and built their homes there to see that oil and gas wells are not located in an area that would depreciate the value of their investments; and Lakeland Development Company has an investment in the area to be drilled which should be protected.

2. The plat accompanying the application does not indicate how the drilling contractor will acquire access to the proposed well site. It would appear that the drilling contractor intends to go from Route No. 76 over and across county road No. 77/2 to the well site. Lakeland Development Company believes that county road No. 77/2 has been abandoned by the State of West Virginia and has not been travelled for several years; that there is no present entrance off Route No. 76 onto county road No. 77/2; and possibly the only entrance to old county road No. 77/2 would be through a paved road servicing the residents of Augusta Park Subdivision; and Lakeland Development Company does not want the abandoned road reopened or the paved road destroyed by heavy equipment.

February 17, 1984

3. There is a water well located on or near the 6.8 acre tract to be drilled and part of the line to the water tank is located on the 6.8 acre tract and Lakeland Development Company wants to be assured that this line will not be interfered with in the drilling of the gas well.

4. The 6.8 acre tract is a narrow strip of ground and Lakeland Development Company owns the oil and gas on both sides of the narrow strip and does not want the drilling contractor and well operator to capture the oil and gas belonging to Lakeland Development Company; that the map presented to Lakeland Development Company indicates that the well site is only about 200 feet from the west boundary line of the tract of 6.8 acres and on the east side is only about 240 feet from the boundary of Lakeland Development Company and from the location of its oil and gas; that Lakeland Development Company must be assured that the well operator will not trespass on the oil and gas belonging to Lakeland Development Company; that Lakeland Development Company believes that in the normal course of the well drilling business it is virtually impossible to drill a well that is perfectly or near perfectly vertical; that a well will deviate from the vertical for many reasons, including, but not limited to, the angle of the drilling tower, the level of the surface and the geology of the subsurface; that due to the closeness of the property lines, Lakeland Development Company wants to be assured that its oil and gas will not be captured and trespassed upon by the well operator and drilling contractor; and Lakeland Development Company has been advised that the state of the art of drilling is such that a directional and/or deviation log can be performed to determine whether or not a trespass occurs.

5. Lakeland Development Company would like to be assured that the proposed well will not contaminate the fresh water now in Peddlar's Run.

6. Lakeland Development Company does not know how the drilling contractor and the well operator intend to pipe the gas from the well site to market and want to be assured that the transmission line will not cross the lands of Lakeland Development Company and if it goes up or near Peddlar's Run, it will not result in the contamination of such Run.

If you have any questions concerning the above, please get in touch with Mrs. Berger at the above address and telephone number or contact Stuart R. Waters whose address is 701 Goff Building, Clarksburg, West Virginia, 26301, and whose telephone number is 624-5571.

Very truly yours,

LAKELAND DEVELOPMENT COMPANY

Margaret Hasse
March 12, 1984

RECEIVED

MAR 12 1984

Sheldon + Sheldon De Polo

OIL & GAS DIVISION
DEPT. OF MINES

I have had some difficulty in locating David Sheldon: His phone is unlisted and after finally locating his home no one would answer the door.

I called the Berger home to find out that Mr. Berger had a stroke and cannot talk. I spoke with their lawyer, Mr. Waters. I located the 6.8 acre tract on an excellent map of Petroleum Development before going out to the area.

The old state road to the area is closed by a cable, far again the hill I could see another cable across the road. The road is in very bad shape. Since I could not locate Sheldon I did not try to walk in and hunt for his well site. I will still attempt to locate him.

This area is grown up in brush and trees and his well is several hundred feet from any development. There is supposed to be a water well which pumps to a tank on the hill. I must locate this well and see how close it is to him.

Evidently the water tank must serve several homes.

I suggest, a few feet of $11\frac{3}{4}$ " casing, to protect the fresh water zone, be placed on the permit. But I also suggest the permit be held up until I can in some manner contact Mr. Sheldon.

Steve Casey

? DISTANCE FROM WATER WELL
TAPED $214\frac{1}{2}'$
w/o moving stake

→ Dave will call you

OK. to ISSUE
per Steve
3/21/84

RECEIVED

MAR 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

RECEIVED

MAR 10 1984

OIL & GAS DIVISION
DEPT. OF MINES

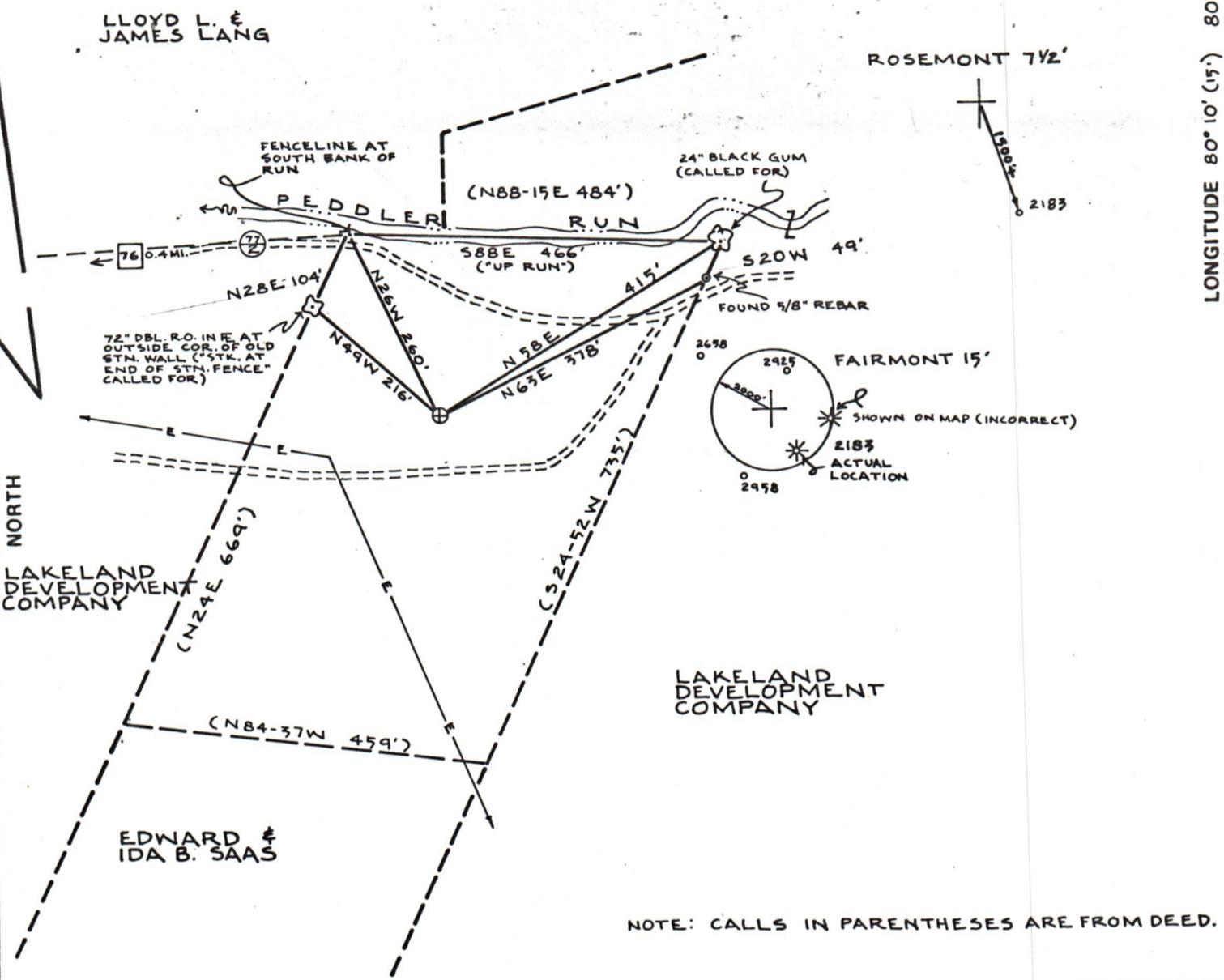
OIL & GAS DIVISION
DEPT. OF MINES

MAR 10 1984

RECEIVED

LATITUDE 39° 20' (± 15')
39° 17' 30" (7 1/2')

LONGITUDE 80° 12' 08" (15 1/2')



NOTE: CALLS IN PARENTHESES ARE FROM DEED.

FILE NO. 84105
DRAWING NO. _____
SCALE 1"=200
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION ORAL LAKE:
ELEV. = 987'

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) William Ambrose
R.P.E. _____ L.L.S. 568

PLACE SEAL HERE

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



DATE 5 FEBRUARY, 19 84
OPERATOR'S WELL NO. DEPOLO P#1
API WELL NO. _____
47 - 033 - 3007
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Revised Latitude

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1049 WATER SHED PEDDLER RUN
DISTRICT SIMPSON COUNTY HARRISON
QUADRANGLE ROSEMONT
SURFACE OWNER LAKELAND DEVELOPMENT CO. ACREAGE 6.8 ACRES
OIL & GAS ROYALTY OWNER FRANK DEPOLO LEASE ACREAGE 6.8 ACRES
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 BENSON ESTIMATED DEPTH 4180
WELL OPERATOR SHELDON & SHELDON, INC. DESIGNATED AGENT DAVID J. SHELDON
ADDRESS 118 WESTWOOD AVE. ADDRESS 118 WESTWOOD AVE.
BRIDGEPORT, W.V. 26330 BRIDGEPORT, W.V. 26330