



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED
JUL 22 1981

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE 7-9-81

Surface Owner Zepora Hughes

Company OIL INDUSTRIES LTD. Inc.

Address P. O. Box 176, St. Marys, WV

Address 5967 W. Third St., Ste. 303, Los Angeles, CA

Mineral Owner Same

Farm Cooke Heirs Acres 375 CA

Address Same

Location (waters) French Creek

Coal Owner _____

Well No. Hughes #4 Elevation 624

Address _____

District Washington County Pleasants

Coal Operator _____

Quadrangle Schultz 7 1/2'

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 3-28-82.

INSPECTOR

TO BE NOTIFIED Philip L. Tracy

ADDRESS Route #3, Alma, WV 26320

PHONE 753-4573

Fred B. Burdette
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated February 2, 1981 by Vessell Resources Corp. made to Zepora Hughes and recorded on the 3rd day of Feb. 1981, in Pleasants County, Book 161 Page 108

XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours,

(Sign Name) Oil Industries Ltd

Well Operator

Address of Well Operator

1602 Grand Central Avenue
Street

Vienna,
City or Town

West Virginia 26105
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

47-073-1268

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by _____

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO XXX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Vessel Resources, Corp. NAME C. R. Allen
 ADDRESS 1602 Grand Central Ave., Vienna, WV 26105 ADDRESS 1602 Grand Central Ave., Vienna, WV
 TELEPHONE (304) 295-9000 TELEPHONE 1-304-295-9000
 ESTIMATED DEPTH OF COMPLETED WELL: 4000' ROTARY XXX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale
 TYPE OF WELL: OIL _____ GAS _____ COMB. XXX STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LIFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	200 ft.	200 ft.	Cemented to Surface
7			
5 1/2			
4 1/2		T D. Est. 4000'	125 sacks <i>Rubertson</i>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS _____ FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS _____
 IS COAL BEING MINED IN THE AREA? NO BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company
 Official Title

Date 7-8 1981 # 584
 Well No. HUGHES # 4
 API No. 47 - 073 - 1268 - Ren.
 State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name OIL INDUSTRIES LTD Designated Agent C. R. ALLEN
 Address 1602 GRAND CENTRAL AVE. Address P.O. Box 514, PKG. WU 26101
 Telephone VIENNA, WV (304)-295-9000 Telephone 304-295-5033
 Landowner 26105 ZEPORA HUGHES Soil Cons. District UPPER OHIO

Revegetation to be carried out by OIL INDUSTRIES LTD (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan. 7/13/81 (Date) Herbert L. Moon (SCD Agent)

Access Road	Location
Structure <u>CULVERT</u> (A)	Structure _____ (1)
Spacing <u>IF NECESSARY</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>STONE</u> (B)	Structure _____ (2)
Spacing <u>IF NECESSARY</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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 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. All brush and small timber to be cut and removed from site before dirt work begins.

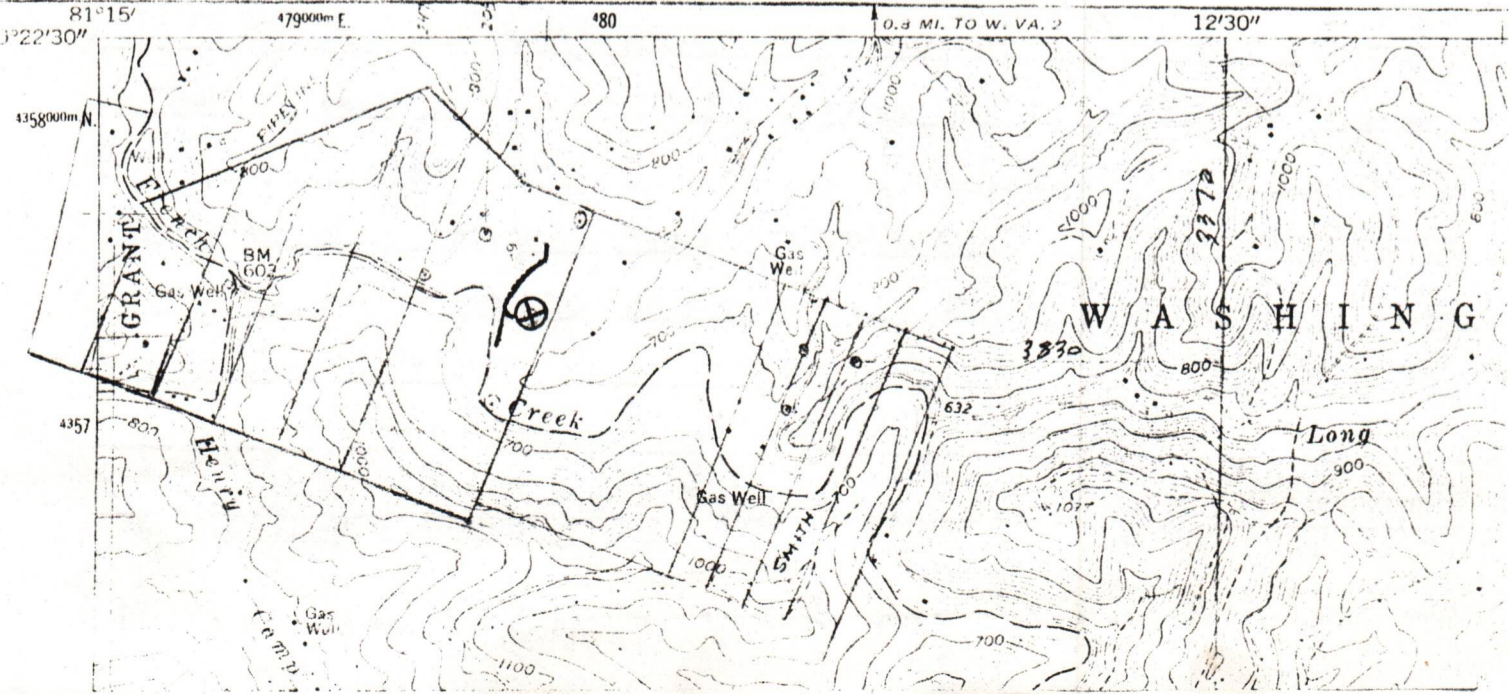
Revegetation

Treatment Area I		Treatment Area II	
Lime _____ Tons/acre	Lime _____ Tons/Acre	or correct to pH <u>6.5</u>	or correct to pH _____
Fertilizer <u>500</u> lbs/acre	Fertilizer _____ lbs/acre	(10-20-20 or equivalent)	(10-20-20 or equivalent)
Mulch <u>2</u> Tons/Acre	Mulch _____ Tons/Acre		
Seed* <u>Ry 31 Fescue</u> <u>45</u> lbs/acre	Seed* _____ lbs/acre	<u>Ladino Clover</u> <u>8</u> lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre		

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

Attach or photocopy section of involved Topographic map. Quadrangle SCHULTZ 7.5

Legend:  Well Site
 Access Road

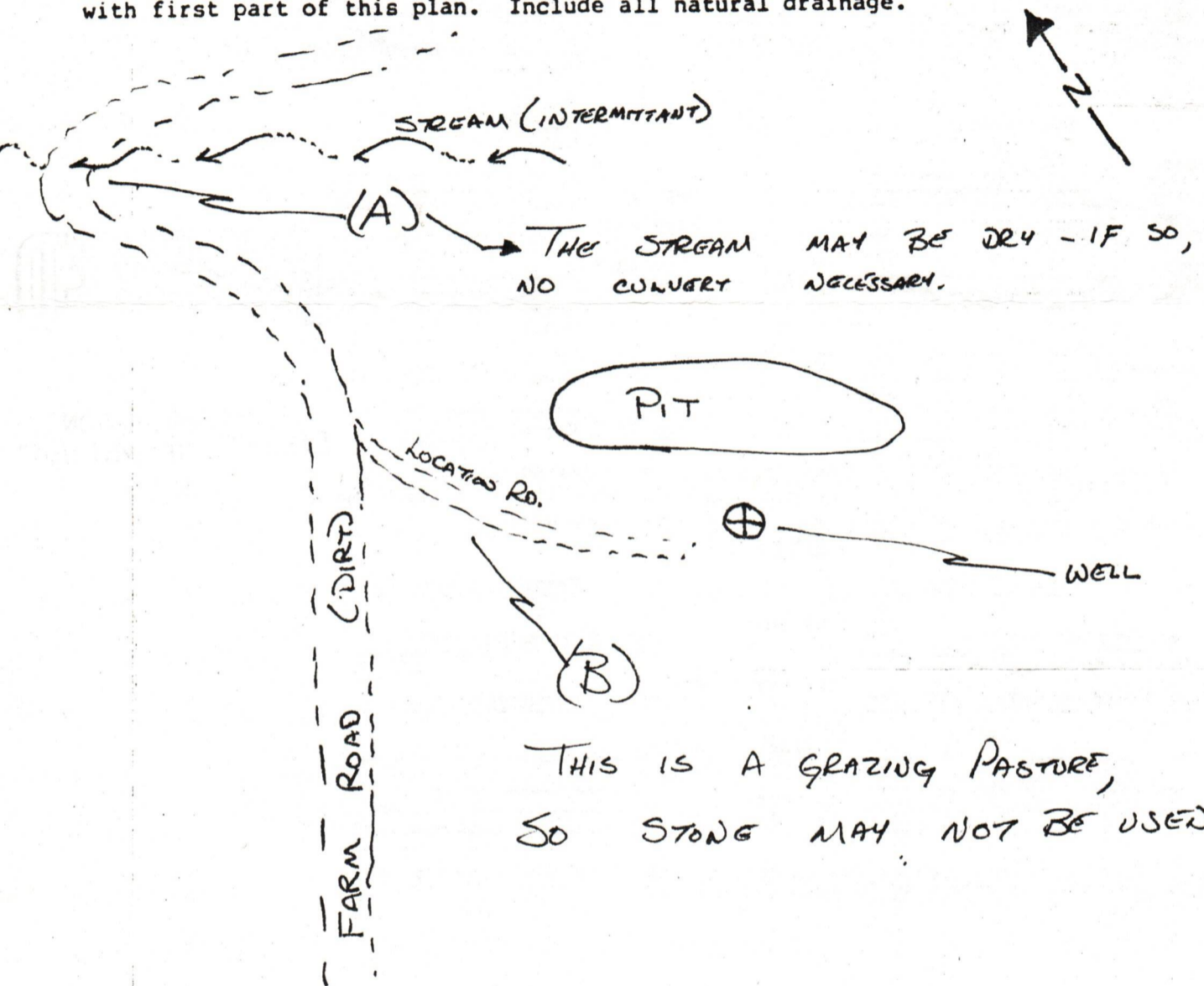


Well Site Plan

Legend: Property Boundry Road Existing Fence Planned Fence Stream Open Ditch

Diversion Spring Wet Spot Building Drain Pipe Waterway

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



THIS IS A GRAZING PASTURE,
SO STONE MAY NOT BE USED.

Comments: SLOPE AROUND THE WELL AREA IS $\approx 0^\circ$ (WILL BE CUT & FILLED SO THAT THIS)
THIS IS A GRAZING PASTURE FOR COWS. THE
LOCATION ROAD (100') WILL EXIST OFF OF THE FARM
ROAD. THE DISTURBED LAND AREA WILL BE LEVELLED
AND RESEDED AS SOON AS POSSIBLE.

Signature: Robert Williams P.O. Box 5306, VIENNA, WV 26165 295-8501
 Agent Address Phone Number

***** request landowners cooperation to protect new seeding for one grownin season

"PLEASE SUBMIT ORIGINAL AND (4) Copies of IV-2 and ORIGINAL AND (3) Copies of IV-9 REC. PLAN"



Date: April 8, 19 82

FORM IV-2 (Obverse) (12-81)

Operator's Well No. HUGHES #4

API Well No. 47 073 1268-REN.

State County Permit

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION OIL AND GAS WELL PERMIT APPLICATION

PERMIT NUMBER: 47-073-1268 "RENEWAL"

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

LOCATION: Elevation: 624 Watershed: FRENCH CREEK District: WASHINGTON County: PLEASANTS Quadrangle: SCHULTZ 7 1/2'

WELL OPERATOR OIL INDUSTRIES LTD. DESIGNATED AGENT JOHN SMITTLE Address 1602 Grand Central Avenue Vienna, WV 26105

OIL & GAS ROYALTY OWNER ZEPORA HUGHES COAL OPERATOR NONE Address P.O. Box 176 St. Marys, WV 26170

Acreege 375 COAL OWNER(S) WITH DECLARATION ON RECORD: Name NONE

SURFACE OWNER ZEPORA HUGHES Address P.O. Box 176 St. Marys, WV 26170 Acreege 375

FIELD SALE (IF MADE) TO: Address OIL AND GAS DIVISION WV DEPARTMENT OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED Name PHILIP L. TRACY Address Route #3, Alma, WV 26320 Phone: 753-4573

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease XXX other contract / dated February 2, 19 81, to the undersigned well operator from VESSEL RESOURCES CORP.

(IF said deed, lease, or other contract has been recorded:) Recorded on February 3, 19 81, in the office of the Clerk of the County Commission of Pleasants County, West Va., in Book 161 at page 108. A permit is requested as follows:

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

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

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

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

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

BLANKET BOND

OIL INDUSTRIES LTD. Well Operator By John Smittle Designated Agent

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

DRILLING CONTRACTOR (IF KNOWN) VESSEL RESOURCES CORP.

Address 1602 Grand Central Ave.

Vienna, WV 26105

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 4000' feet Rotary XXXX / Cable tools /

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

Approximate coal seam depths: N/A Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			
Conductor						
Fresh Water						
Coal						
Intermediate						
Production						
Tubing	8-5/8			200 ft.	Cemented To Surface	
Liners	4 1/2"			200 ft.	225 Sacks	
						Perforations: <u>according to rule 15101</u>
						Top
						Bottom

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

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

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
 ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
 ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
 APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE
 IF OPERATIONS HAVE NOT COMMENCED BY 12-20-82,
 BY [Signature]

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

[Signature]

OHIO L & M CO., INC.

P.O. Box 89

RENO, OHIO 45773

Telephone 1-614-373-8771

September 12, 1984

RECEIVED
SEP 17 1984

OIL & GAS DIVISION
DEPT. OF MINES

Mr. Theodore M. Streit
State of West Virginia
Department of Mines
Oil & Gas Division
1615 Washington St., E
Charleston, WV 25305

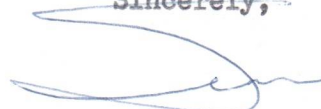
Dear Mr. Streit:

Your request for copies of the well completion report, as stated in your letters dated August 30, 1984, for the Zepora Hughes #4 and #5 wells located in Washington District of Pleasants County, West Virginia was received by our office today.

We are presently operating the above-referenced wells for Oil Industries, Inc., and do not have in our possession the information necessary to complete the well records. We do however have copies of the Hughes #4 and #5 well logs which are enclosed herein.

If you have any questions regarding the Hughes #4 and #5 wells, please contact Mr. Laurence L. Skolnik, 1488 S. Doheny Drive, Los Angeles, CA 90035 213-553-0777.

Sincerely,



Jean Britton

jb

Enclosures

cc

*Pless-1268
" - 1269*

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FEB 11 1985



OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev 8-81)

State of West Virginia
Department of Mines
Oil and Gas Division

Date NOV. 10, 1984
Operator's
Well No. 4
Farm HUGHES
API No. 47 - 073 - 1268

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 /)

LOCATION: Elevation: 612' Watershed FRENCH CREEK
District: WASHINGTON County PLEASANTS Quadrangle SHULTZ

COMPANY OIL INDUSTRIES, LTD.
ADDRESS MARIETTA, OHIO
DESIGNATED AGENT JOYCE DUNLAP
ADDRESS MARIETTA, OHIO
SURFACE OWNER ZEPHORA HUGHES
ADDRESS P.O. Box 176, ST. MARY'S, W. V.
MINERAL RIGHTS OWNER ZEPHORA HUGHES
ADDRESS BELMONT, W.V.
OIL AND GAS INSPECTOR FOR THIS WORK BOB
LOWTHER ADDRESS MIDDLEBOURNE, W.V.
PERMIT ISSUED 7-22-81
DRILLING COMMENCED 2-3-82
DRILLING COMPLETED 2-10-82
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	260	260	100 sx
7			
5 1/2			
4 1/2	3785	3785	370 sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION DEVONIAN SHALE Depth 3800 feet
Depth of completed well 3785 feet Rotary X / Cable Tools
Water strata depth: Fresh 100 feet; Salt 150 feet
Coal seam depths: N/A Is coal being mined in the area? N/A

OPEN FLOW DATA

Producing formation DEVONIAN SHALE Pay zone depth 3700 feet
Gas: Initial open flow 100 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 100 Mcf/d Final open flow 5 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 1200 psig (surface measurement) after 8 hours shut in
(If applicable due to multiple completion--)
Second producing formation DEVONIAN SHALE Pay zone depth 3220 feet
Gas: Initial open flow 100 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 100 Mcf/d Oil: Final open flow 5 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 1200 psig (surface measurement) after 8 hours shut in

(Continue on reverse side)

PLEASANTS 1268

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

1000 scf N2 @ a rate of 40,000 scf/min. Mist 125 G. 55
15% HCL.

PERFORATIONS: 3200' to 3720' - 32 shots

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	20	
SAND			20	130	
SHALE			130	300	
SAND, SHALE			300	540	
SAND			540	560	
SHALE			560	740	
SAND			740	755	
SHALEY SAND			755	820	
SAND			820	880	
SHALE			880	990	
SAND			990	1055	
SHALE			1055	1100	
SAND			1100	1105	
SHALE			1105	1150	
SAND			1150	1170	
SHALEY-SAND			1170	1205	
SHALE			1205	1290	
SAND			1290	1300	
THIRD SALT SAND			1300	1355	
SHALE			1355	1410	
SAND			1410	1420	
SHALE			1420	1430	
LIME			1430	1440	
SHALE			1440	1525	
SAND			1525	1560	
SAND, SILT			1560	1930	
BEREA SILT			1930	1932	
SILT & SHALE (BROWN SHALE)			1932	3800	t.d.

(Attach separate sheets as necessary)

OIL INDUSTRIES, LTD.

Well Operator

By:

Date: 2-8-85

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."

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

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MAY - 5 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1268

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>oil Industries</u>	Size			
<u>Vienna Wilber</u>	16			Kind of Packer
<u>Hughes</u>	13 $\frac{3}{8}$	<u>200</u>	<u>200</u>	
<u>40</u>	10			Size of
<u>washington</u> County <u>pleasant</u>	8 $\frac{7}{8}$	<u>729</u>		
Drilling commenced	6 $\frac{5}{8}$			Depth set
Drilling completed _____ Total depth <u>1026</u>	5 $\frac{3}{16}$			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>200</u> SIZE <u>13 $\frac{3}{8}$</u> No. FT. <u>430-82</u> Date			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>B. J. Hughes</u>			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

May-3-82

DATE

R.A. Lowther 512

DISTRICT WELL INSPECTOR

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

RECEIVED

MAY 14 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 013-1268

Oil or Gas Well _____
(KIND)

Company <u>oil industries</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Los Angeles cal</u>	Size			
Farm <u>Hughes</u>	16			Kind of Packer
Well No. <u>4</u>	13			
District <u>Washington</u> County <u>pleasant</u>	10			Size of
Drilling commenced _____	8 1/4			
Drilling completed <u>5-9-82</u> Total depth <u>3800</u>	6 5/8 <u>4 1/2</u> 5 3/16	<u>3800</u>	<u>3800</u>	Depth set
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

5-10-82
DATE

R.A. Lowther 572
DISTRICT WELL INSPECTOR



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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
February 20, 1985

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APR 9 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

COMPANY Oil Industries, Ltd.

PERMIT NO 073-1268 REN.

5967 West Third St., Suite 303 -
Los Angeles, California
90802

FARM & WELL NO Zephora Hughes #4

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 Strength	<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.A. Fowler

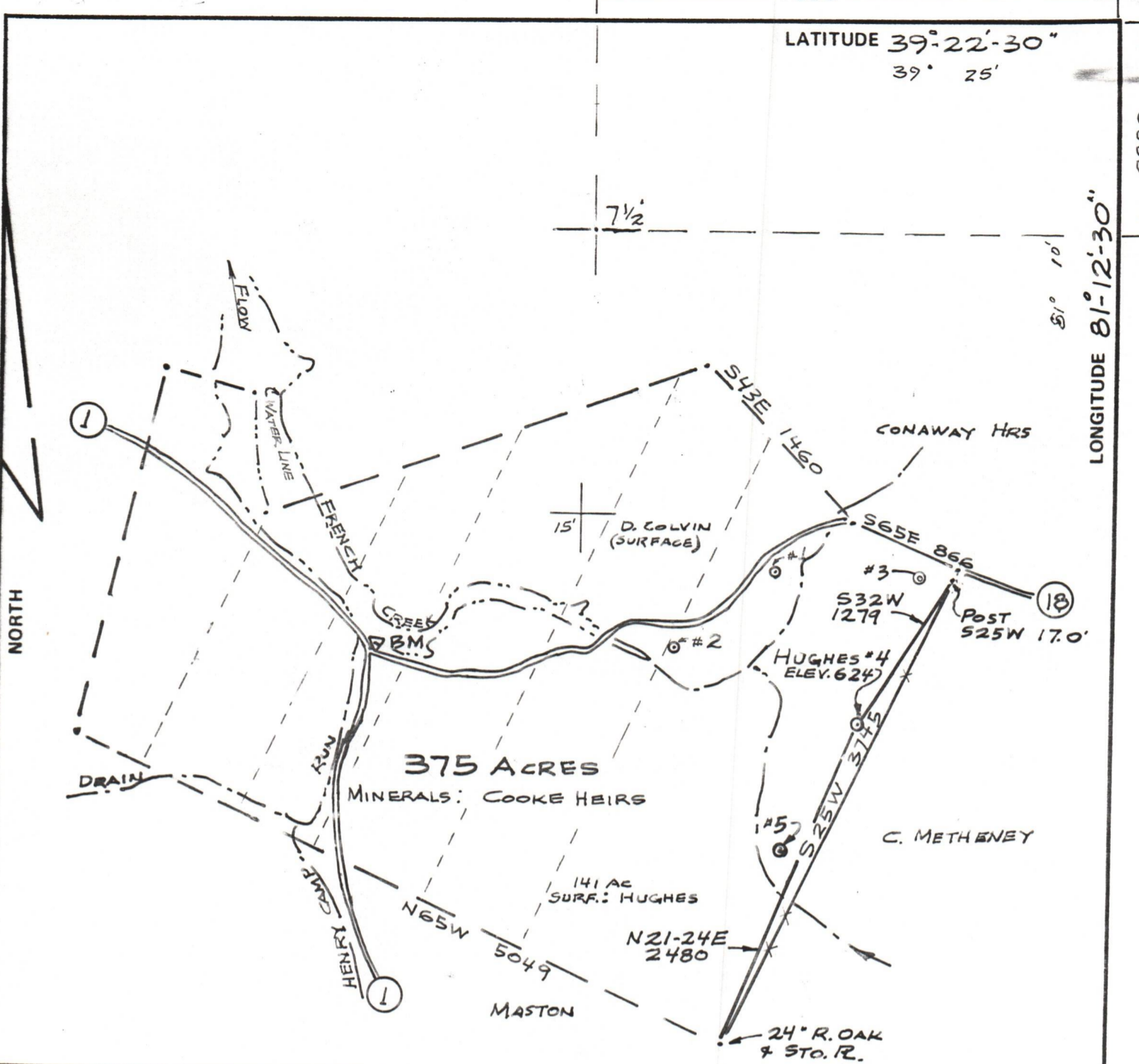
DATE

Apr 4, 1985

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.

Administrator-Oil & Gas Division

DATE



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 IN 200'
 PROVEN SOURCE OF ELEVATION 603 BM
USGS

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) Danell R. Boice
 R.P.E. _____ L.L.S. 667

PLACE SEAL HERE

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



DATE 7-20, 19 81
 OPERATOR'S WELL NO. 4
 API WELL NO. 47-073-1268-K
 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 624 WATER SHED OHIO RIVER
 DISTRICT WASHINGTON COUNTY PLEASANTS
 QUADRANGLE SCHULTZ 7 1/2'
 SURFACE OWNER ZEPORA HUGHES ACREAGE 141
 OIL & GAS ROYALTY OWNER COOKE HEIRS LEASE ACREAGE 375
 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 SHALE ESTIMATED DEPTH 4000
 WELL OPERATOR OIL IND. ~~IND~~ Ind DESIGNATED AGENT C. R. ALLEN
 ADDRESS 1602 GRAND CENTRAL AVE ADDRESS 1602 GRAND CENTRAL AVENUE
VIENNA, WEST VIRGINIA VIENNA, WEST VIRGINIA 26105