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

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

Date: August 30, 19 82

Operator's Well No. Petticord #1

API Well No. 47 085 5868
State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 909' Watershed: South Fork Hughes River
District: Grant County: Ritchie Quadrangle: MacFarlan

WELL OPERATOR Eagle Petroleum Company
Address P.O. Box 1049
Parkersburg, W. Va. 26102

DESIGNATED AGENT R. D. Mandrake
Address P.O. Box 1049
Parkersburg, W. Va. 26102

OIL & GAS ROYALTY OWNER G. W. Maze
Address Petroleum, W. Va.
Acreage 269

COAL OPERATOR NA
Address

SURFACE OWNER Westvaco
Address
Acreage 121.3

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name
Address
Name
Address

RECEIVED
SEP 3 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

FIELD SALE (IF MADE) TO:
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name
Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ____ / lease ____ other contract X / dated July 16, 19 82, to the undersigned well operator from Reserve Exploration Corp.

(IF said deed, lease, or other contract has been recorded:)
Recorded on July 21, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West Va., in Lease Book 146 at page 404. A permit is requested as follows:

PROPOSED WORK: Drill X / 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

05/03/2024

Eagle Petroleum Company
Well Operator
By [signature]
Its Operations Manager

BLANKET BOND

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

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) C H M Drilling Co.

Address Marietta, Ohio 45750

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, 5,900 feet Rotary X / Cable tools ____ /

Approximate water strata depths: Fresh, 100 feet; salt, 700 feet.

Approximate coal seam depths: ____ Is coal being mined in the area? Yes ____ / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS Size	Grade	Weight per ft	New	Used	FOOTAGE INTERVALS For drilling	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor	13 3/8			X		40'	40'	15 SX	Kinds
Fresh Water	8 5/8		20#	X		1100'	1050'	To surface	
Coal									Sizes
Intermediate									
Production	4 1/2		10.5#	X		5920'	5900'	As Required	Depths set
Tubing								by Reg.15.01	
Liners									Perforations:
									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, (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.

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 5-8-83.
BY Fred Budette

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 ____

File

IV-9
(Rev 8-81)

DATE 23 AUGUST, 1982
WELL NO. PETTICORD #1
API NO. 47 - 085 - 5868

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

COMPANY NAME EAGLE PETROLEUM
ADDRESS P.O. BOX 1049
PARKERSBURG, W.VA. 26101
Telephone (304) 485-6600

DESIGNATED AGENT RICHARD D. MANDRAKE
ADDRESS P.O. BOX 1049
PARKERSBURG, W.VA. 26101
Telephone (304) 485-6600

LANDOWNER WESTVACO

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by WHIPKEY & SON (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 8-28-82 (Date)

Jarrett Newlon (SCD Agent)

ACCESS ROAD &/EXISTING ACCESS

Structure CROSS DRAIN (A)
Spacing 45' TO 400' (AS NEEDED)
Page Ref. Manual 2:1

Structure RIP-RAP (STONE-LOGS) (B)
Spacing SAME AS CROSS DRAIN
Page Ref. Manual ~~N/A~~ 2-10

Structure DRAINAGE DITCH (C)
Spacing
Page Ref. Manual 2:12

LOCATION

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

Structure RIP-RAP (2)
Material ROCK-LOGS
Page Ref. Manual ~~N/A~~ 2-10

(3)
Material
Page Ref. Manual

RECEIVED
SEP 3 1982
OIL AND GAS DIVISION
WV DEPARTMENT 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 OR STRAW 2 Tons/acre
Seed* KY31 TALL FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre
_____ lbs/acre

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch HAY OR STRAW 2 Tons/acre
Seed* KY31 TALL FESCUE 40 lbs/acre
REDTOP 5 lbs/acre
BIRDSFOOT TREFOIL 10 lbs/acre
_____ lbs/acre

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

05/03/2024

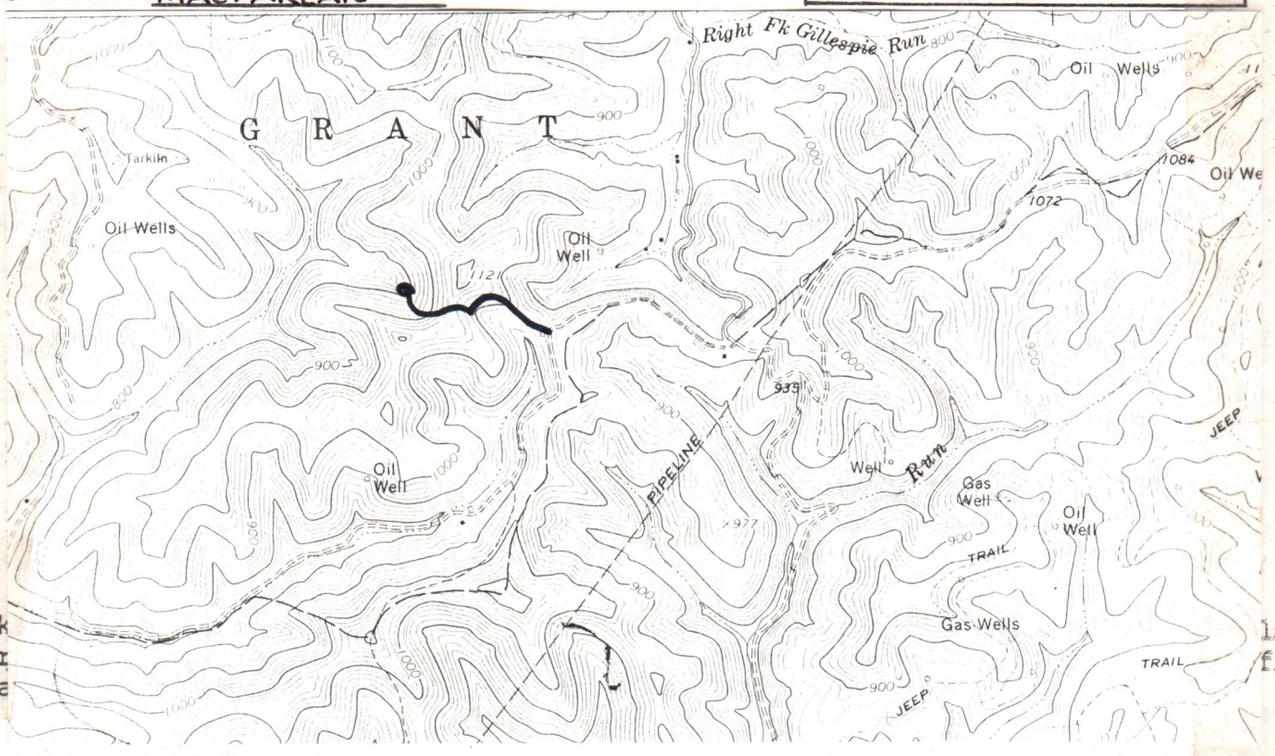
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY WILLIAM R. MOSSOR, L.L.S.
ADDRESS 106 NORTH SPRING STREET
HARRISVILLE, W.VA. 26362
PHONE NO. (304) 643-4572

IV-9 REVERSE
(REV 8-81)

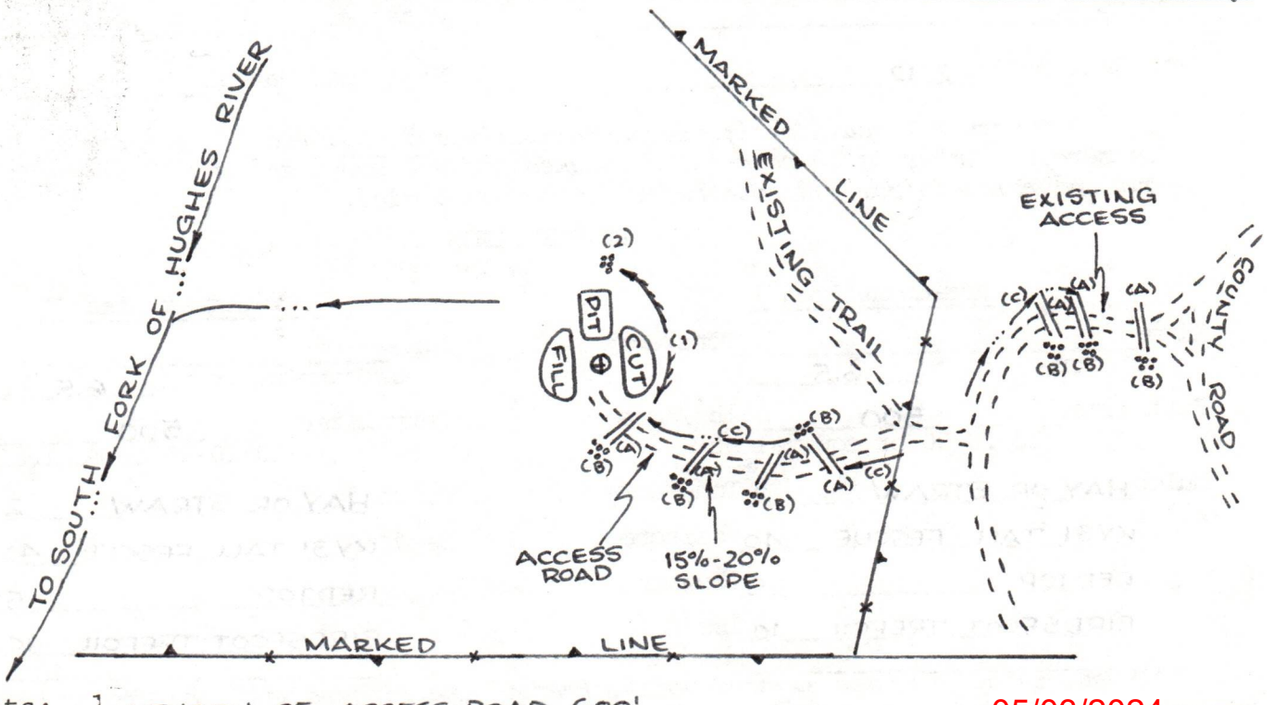
ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE MACFARLAN

LEGEND
WELL SITE ⊕ ACCESS ROAD —



LEGEND

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



Comments: 1. LENGTH OF ACCESS ROAD 600'.

2. BRUSH AND TREES TO BE PILED AT SITE.

3.

4.

5.

05/03/2024

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

RECEIVED
SEP 3 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Yes _____/ No X / The right to extract, produce or market the oil or gas is based upon a lease or leases 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 and gas so extracted, produced or marketed.

If the answer to this question is yes, you may use this affidavit.

085-5868

AFFIDAVIT

I, _____ (the above designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, all such oil or gas to be extracted, produced or marketed from the well

Signed: _____

Taken, subscribed and sworn to before me this _____ day of _____, 19____.

Signed: _____

My Commission Expires: _____

05/03/2024

W 119 7:223

OIL AND GAS LEASE

THIS AGREEMENT, Made the 20th day of August, A. D. 19 75, between

/2 int. GEORGE W. MAZE AND ~~NETTIE~~ ANNA L. MAZE, HIS WIFE of

1801 36th St; PARKERSBURG, WEST VIRGINIA 26101,

hereinafter called the lessor, whether one or more, and QUAKER STATE OIL REFINING CORPORATION, a Delaware corporation with its offices in Oil City, Venango County, Pennsylvania hereinafter called the lessee.

WITNESSETH, That the lessor, in consideration of the sum of ONE AND NO/100 Dollar $1.00 in hand paid, the receipt whereof is hereby acknowledged, and in further consideration of the covenants and agreements hereinafter contained on the part of the lessee to be kept and performed, hereby leases and grants unto the lessee, its successors and assigns, together with the exclusive right to drill wells and operate thereon for the production of oil, gas and water, and of pooling and unitizing the same with other lands for such purposes, and of storing gas underground and removing the same, and to lay pipelines and build tanks, towers, stations and structures thereon to produce, save and take care of said products, all for the term of TEN (10) years from the date hereof and as long thereafter as oil or gas is or can be produced from said land in paying quantities, or as operations continue for the production or storage of oil and gas.

ALL that certain tract of land situate in GRANT DISTRICT, ~~RITCHIE~~ RITCHIE County, W. V

bounded and described as follows:— (on the waters of Patton Run) Tax Map # 53, parcel # 3

On the North by lands of — Ralph Border, George W. Maze Tax Map # 53, parcel # 1

On the East by lands of — George W. Maze, Charles Lewis, Thomas Malson

On the South by lands of — Thomas Malson, William & Estelle Perrine

On the West by lands of — Lloyd & Mary Hill, Riley Brown, S.O. Cain

Containing 269 acres, ~~more or less, and being recorded in the record of deeds at Ritchie County, W.Va. in deed book 174, page 428.~~

The lessor further grants to the lessee all rights of way over said premises necessary for the purposes aforesaid, with the right to lay pipelines for the transportation thereon and thereover of oil, gas or water from said premises or other lands operated by the lessee, to run electric and telephone lines over the leased premises, to erect necessary buildings thereon, and to remove all machinery, fixtures and buildings placed thereon by the lessee; the right to use free from royalty, sufficient oil, gas and water produced from the premises for all operations thereon (provided it finds said water at its own expense); the right to subdivide and release the premises; and the right to surrender this lease at any time and thereupon to be discharged from all obligations, covenants and conditions herein contained.

RECEIVED
SEP 3 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

In consideration thereof, the lessee covenants and agrees:—

First: To deliver to the credit of the lessor, as royalty, free of cost, in the pipeline to which the wells of the lessee may be connected, the equal ONE-EIGHTH part of all oil produced and saved from said leased premises; and,

Second: To pay quarterly to the lessor, as royalty one-eighth of the net proceeds received for the gas from each and every gas well drilled on said premises, the production from which is marketed off the premises, or the gas from said well is so marketed. However, the royalty herein provided shall not be payable on gas stored and withdrawn pursuant to Paragraph ____ hereof.

Third: If casinghead gas from oil wells drilled on said premises is used for the extraction of gasoline or the manufacture of other products of oil and gas, to pay quarterly one-eighth of the net proceeds received for such gasoline or other products after deducting the cost of delivering the same to market.

Fourth: If the lessee chooses to make this leasehold a part of an oil repressuring unit and surplus gas is marketed from that unit, then any payment for gas marketed shall be divided pro rata among the various lessors in such unit in accordance with the number of oil and gas wells in said unit from which gas is taken in the repressuring; provided, however, that if lessee produces or purchases gas outside of the unit and uses it in repressuring, then lessee shall pay for gas marketed only to the extent that it exceeds the outside gas produced or purchased. The lessee may use gas produced from said premises without charge therefor for injection and repressuring of wells on said premises and on adjacent premises, and for said purposes may commingle said gas with gas produced elsewhere.

It is agreed that any interest in said oil or gas that may have been sold, reserved of conveyed by the lessor or his or their predecessors in title shall be paid out of the royalties aforesaid.

It is agreed, however, and this lease is made on the condition, that it shall become null and void and all rights hereunder shall cease and determine, unless work for the drilling of a well is commenced on said premises within ninety days from the execution of this lease and prosecuted with due and reasonable diligence, or unless the lessee shall pay to the lessor in advance every ~~twelve months~~ until work for the drilling of a well is commenced, the sum of ~~xxxxxxxxxx~~ one dollar per acre, that is, two hundred sixty nine & 00 Dollars, for each twelve months during which the commencing of such work is delayed. ($269.00)

It is mutually agreed that should the first well drilled by the lessee be nonproductive of oil or gas in paying quantities, or should all wells drilled and operated by the lessee on said premises become nonproductive and be plugged and abandoned, then this lease in either event shall continue in full force and effect for one year thereafter; and if the lessee, prior to the end of said year, shall either commence to drill a well on said premises and oil or gas is found in paying quantities, or in lieu of commencing such well shall pay the lessor, at the same rate and times and in the same manner, the rental above stated until such well is commenced, this lease shall be continued in full force and effect for the remainder of the term above stated and so long thereafter as oil or gas can be produced in paying quantities.

It is further mutually agreed that the lessor may fully use and enjoy said premises for the purpose of tillage, except such parts thereof as may be used by the lessee for the purpose of operations. The lessee shall pay for damages to growing crops on said land caused by the lessee's operations. It is also mutually agreed that all taxes upon the royalty oil from or upon said described premises, whether assessed as land taxes or as severance taxes, shall be paid by the lessor, and that all taxes, if any, payable upon property used in the operation for or production of oil or gas on the within-described premises shall be paid by the lessee. It is further agreed that if there is sufficient gas produced from the premises over and above the amount required for operations by lessee hereunder, the lessor may use gas for domestic purposes, free of charge, in appliances furnished by the lessor in one dwelling house upon the premises, not exceeding two hundred thousand cubic feet of gas per annum, the necessary facilities, including meter, regulator, lines and connections to be furnished and installed at the expense of the lessor at the place of or near to the well and of the kind designated by the lessee, such use of gas to be wholly at the lessor's risk and without any responsibility upon the lessee for any injury or damage which may be caused, whether it be fault or failure in the production or supply of gas, or of the aforesaid facilities, or of the installation thereof, or from any other cause whatever. Any gas used by the lessor in excess of said annual amount shall be paid for at the prevailing field rate.

Payment or tender of all moneys due lessor hereunder or his heirs or assigns shall be either (a) to the lessor direct, at his address above stated; or (b) if the lessor consists of two or more persons, then to ____ lessors ____ at address shown in caption ____, who is hereby appointed agent of the lessor to receive such payments; or (c) by deposit to the credit of the lessor in the ____ bank of ____. All payments due the lessor under this lease may be made by check or draft of lessee, mailed or tendered to lessor or his said agent as above provided.

No well shall be drilled nearer than three hundred feet to the house or barn on said premises without the written consent of the lessor, and when requested by the lessor, the lessee shall bury below plow depth all pipe interfering with cultivation. The lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

Lessee shall have the exclusive right to employ any oil or gas stratum or strata underlying leased premises for the storage of gas or protecting gas stored within and under adjoining and neighboring lands, and may for this purpose reopen and restore to operation any and all abandoned wells on the leased premises, recondition existing wells, or drill new wells thereon for the purpose of freely injecting and storing gas in such stratum or strata and recovering the same therefrom. It is understood that a well need not be drilled on the leased premises to permit storage of gas, but it is agreed that Lessee shall be the sole judge as to whether gas is being stored within the leased premises and its [illegible] Where a depleted stratum or strata is utilized for such storage purposes, [illegible] and in lieu of all delay rental or royalty due or to become

for purposes of storage of gas, payable in advance, commencing with the date it notifies Lessor that it elects to use any stratum for storage purposes and for as long thereafter as any such stratum is so utilized or such annual rental is paid. Where a stratum which is not depleted is utilized for such storage purposes, as full compensation for the storage rights herein granted and in lieu of all delay or royalty due or to become due for the right to produce or for the production of gas from such stratum under the leased premises, Lessee agrees to pay Lessor a sum equal to one-eighth of the then present worth of the then estimated remaining recoverable oil and gas in such stratum underlying the leased premises, and thereafter Lessee shall pay Lessor the annual rental provided for in the preceding sentence. Lessee further agrees to pay Lessor, as liquidated damages for the drilling, operation, and maintenance of each well on the leased premises which is utilized for storage of gas, as well as for the necessary or useful surface rights and privileges relating thereto for the entire term of this agreement, the sum of $100.00 payable in one sum within three months after each well now existing or hereafter drilled upon leased premises is so utilized. Lessee agrees to give Lessor written notice of the use of leased premises or any wells drilled thereon for the storage of gas. The storage rights may be assigned or exercised in conjunction with other leases in the general vicinity.

Lessee hereby is given the right at its option, at any time within the primary term hereof, or at any time during which this lease may be extended by any provision hereof, and from time to time within such period, to pool all or any part or parts of leased premises or rights therein with any other land in the vicinity thereof, or with any leasehold, operating or other rights or interests in such other land so as to create units of such size and surface acreage as Lessee may desire but containing not more than 640 acres each plus 10% acreage tolerance. If at any time larger units are required under any then applicable law, rule, regulation or order of any governmental authority for the drilling, completion, or operation of a well, or for obtaining maximum allowable, any such unit may be established or enlarged to conform to the size specified. Each unit may be created by governmental authority or by recording in the appropriate county office a Declaration containing a description of the unit so created, specifying the formation and substances so pooled. Any well which is commenced, or is drilled or is producing on any part of any lands theretofore or thereafter so pooled shall, except for the payment of royalties, be considered a well commenced, drilled, and producing on leased premises under this lease. There shall be allocated to the portion of leased premises included in any such pooling such proportion of the actual production from all lands so pooled as such portion of leased premises computed on an acreage basis, bears to the entire acreage of the lands so pooled. The production so allocated shall be considered for the purpose of payment or delivery of royalty to be the entire production from the portion of leased premises included in such pooling in the same manner as though produced from such portion of leased premises under the terms of this lease. Each of said options may be exercised by Lessee from time to time, and a unit may be formed either before or after a well has been drilled or production has been established on the leased premises or on the portion of the leased premises which is included in the pool or on other lands which are pooled therewith.

The lessor hereby warrants and agrees to defend the title to the land herein described, and agrees that the lessee shall have the right at any time to redeem for the lessor, by payment, any mortgages, taxes or other liens on the above-described land in the event of default in payment by the lessor, and thereupon shall be subrogated to the rights of the holder thereof.

It is mutually agreed that upon the surrender of this lease by the lessee, the same shall thereafter be null and void. This lease shall be binding upon and extend to the parties hereto and their respective heirs, personal representatives, successors and assigns.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals the day and year first above written.

Witness: Joe F. Sullivan

George W. Maze (SEAL)
GEORGE W. MAZE

(SEAL)

Anna K. Maze (SEAL)
ANNA K. MAZE

(SEAL)

Attest: Robert E. Heasley
Secretary

QUAKER STATE OIL REFINING CORPORATION
By Lawrence E. Hoop
President

STATE OF PENNSYLVANIA
COUNTY OF ..... } SS:

On this the ..... day of ....., 19....., before me, ... the undersigned officer, personally appeared ....., known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that ..... executed the same for the purposes therein contained.

Witness my hand and official seal, the day and year aforesaid.

My Commission Expires:

RECEIVED
SEP 3 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

STATE OF PENNSYLVANIA
COUNTY OF ..... } SS:

On this the ..... day of ....., 19....., before me, ... the undersigned officer, personally appeared ....., known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that ..... executed the same for the purposes therein contained.

Witness my hand and official seal, the day and year aforesaid.

My Commission Expires:

STATE OF PENNSYLVANIA
COUNTY OF Venango } SS:

05/03/2024

On this 28th day of August, 19 75, before me, Harold Lewis Grove the undersigned officer, personally appeared Lawrence E. Hoop, who acknowledged himself to be the President of Quaker State Oil Refining Corporation, a corporation, and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of said corporation by himself as President.

In Witness Whereof, I hereunto set my hand and official seal.

Harold Lewis Grove Notary Public
(Title of Officer)

WV-20

STATE OF WEST VIRGINIA

INFORMATION MEMO

TO: Sam Herman DATE: 10-28-83

FROM: Lois Simpkins TIME: _____

OF: _____ RECD. BY _____

TELEPHONE NUMBER EXT.

☐ PLEASE CALL ☐ RETURNING YOUR CALL

☐ WILL CALL AGAIN ☐ CALLED TO SEE YOU

THE ATTACHED PAPERS ARE REFERRED

PLEASE:

☐ SIGN
☐ COMMENT
☐ NOTE
☐ AS REQUESTED
☐ FOR YOUR INFORMATION
☐ APPROVE
☐ SEE ME

☐ PREPARE REPLY FOR MY SIGNATURE
☐ REPLY DIRECTLY WITH COPY TO ME
☐ TAKE APPROPRIATE ACTION
☐ RETURN
☐ ROUTE TO: _____
☐ FILE

085-5868

REMARKS/MESSAGE: Attached is a copy of a letter from the Attorney-In-Fact of U.S.F.&G. wherein they assume the Petticord #1 well under Alan Goble's →

05/03/2024

blanket bond.
We also have an
assignment on file.
Thanks for your
report.

05/03/2024

RECEIVED
DEC 1983
OIL & GAS DIVISION
DEPT. OF MINES

IV-35
(Rev. 8-81)

RECEIVED
OCT 17 1983
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date Aug. 10, 1983
Operator's
Well No. Jackson # 20
Farm Westvaco
API No. 47 - 085 - 586
085-5868

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

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

LOCATION: Elevation: 909' Watershed South Fork Hughes River
District: Grant County Ritchie Quadrangle Macfarlan

COMPANY Alan Gable Oil Development Co.
ADDRESS P O Box 166, Davisville, WV 26142
DESIGNATED AGENT Ronald Kudella
ADDRESS s ame
SURFACE OWNER Westvaco
ADDRESS Rt 95, Parkersburg, WV
MINERAL RIGHTS OWNER M.C. Petticord and George Maze
ADDRESS Parkersburg, WV
OIL AND GAS INSPECTOR FOR THIS WORK
Sam Hersman ADDRESS Smithville, WV
PERMIT ISSUED # 5868
DRILLING COMMENCED 10/82
DRILLING COMPLETED 10/82
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.		40'	
13-10"			
9 5/8			
8 5/8		1110'	300 sks
7			
5 1/2			
4 1/2		5884'	600 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 5900 feet
Depth of completed well 5884 feet Rotary xx / Cable Tools
Water strata depth: Fresh N/A feet; Salt N/A feet
Coal seam depths: n/a Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Balltown, Speechely, Gordon Gantz Pay zone depth 2520-3869 feet
Gas: Initial open flow 1040 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 1017 Mcf/d Final open flow 15 Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure 1145 psig (surface measurement) after 8 hours shut in
(If applicable due to multiple completion--)
Second producing formation aa Pay zone depth aa 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

05/03/2024

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

3853-69	7 holes	
3731-36	10	
3698-3700	3	
3689-91	3	
3652-54	3	
3525-27	3	2 MMCF N2
3512-14	3	
3438-39	2	
2801-05	5	
2520-22	3	

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Red Rock	0	1200	
1st Salt	1322	1350	
2nd Salt	1453	1504	
3rd Salt	1670	1726	
Maxon	1748	1760	
Big Lime	1856	1900	
Keener	1901	1951	
Big Injun	1960	2013	
Squaw	2026	2032	
Berea	2402	2404	
Gantz	2514	2530	
Gordon	2798	2806	
Upper Speechley	3488	3552	
Lower Speechley	3592	3660	
Balltown	3636	3870	
Bradford	3952	4102	
Riley	4385	4625	
Benson	4680	4705	
Alexander	4840	4885	
Hamilton	5410	5725	

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

05/03/2024

By: Jubal S. Terry

Date: Aug. 10, 1983

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."

OG-11

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

RECEIVED

FEB 1 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5868

Oil or Gas Well _____ (KIND)

Company Eagle Petroleum Co.

Address _____

Farm Westvaco

Well No. Petticord #1

District Grant County Ritchie

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 _____ 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
8¼			
6⅝			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 _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Visit - Halliburton doing squeeze job on 4½" casing

1-25-83
DATE

Samuel N. H[illegible]
DISTRICT WELL INSPECTOR

05/03/2024

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:

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

_____
DISTRICT WELL INSPECTOR

05/03/2024

Obverse
1-84

RECEIVED
APR 9 - 1985
OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 11, 1984

COMPANY Alan Gable Oil Development

P. O. Box 165

Davisville, West Virginia 26142

PERMIT NO 085-5868

FARM & WELL NO Jackson #20

DIST. & COUNTY Grant/Ritchie

RULE	DESCRIPTION	IN COMPLIANCE YES	NO
23.06	Notification Prior to Starting Work		
25.04	Prepared before Drilling to Prevent Waste		
25.03	High-Pressure Drilling		
16.01	Required Permits at Wellsite		
15.03	Adequate Fresh Water Casing		
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing		
15.04	Adequate Cement Strength		
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	✓	Plastic line buried but may not have sun tracer
16.01	Well Records on Site		
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

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

SIGNED Samuel M. Hersman

DATE 4-4-85

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.

Administrator-Oil & Gas Division

April 10, 1985
DATE

TMS/nw

05/03/2024

RECEIVED
MAY 10 1983
OIL & GAS DIVISION
DEPT. OF MINES

IV-27
11/23/81

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 5-83
Well No: Pettrord #1
API NO: 47 - 085 - 5868
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil X / Gas X Liquid Injection ____ / Waste Disposal ____ /
Of "Gas" - Production X / Storage ____ / Deep ____ / Shallow ____ /

LOCATION: Elevation: 909 Watershed: South Fork of Hughes River
District: Grant County: Ritchie Quadrangle: Macfarlan

WELL OPERATOR Eagle Petroleum Co. DESIGNATED AGENT R. D. Mandrake
Address P.O. Box 1649 Address P.O. Box 1049
Parkersburg WVa 26102 Parkersburg WV 26102

The above well is being posted this 5 day of May, 1983, for a violation of Code 22-4-1K and/or Regulation 7.03, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Every well shall have attached or stamped in a permanent manner the A.P.I Indentification number

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 11, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel N. Hessman
Oil and Gas Inspector

Address P.O. Box 66
Smithville WV 26178

Telephone: 477-3[illegible]

Posted 5/14/83

05/03/2024

IV-27
11/23/81

RECEIVED
MAY 10 1983
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 5-83
Well No: Pettiford #1
API NO: 47 - 085 - 5868
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil X / Gas X Liquid Injection ____ / Waste Disposal ____ /
Of "Gas" - Production ____ / Storage ____ / Deep ____ / Shallow ____ /

LOCATION: Elevation: 909 Watershed: South Fork of Hughes River
District: Grant County: Ritchie Quadrangle: Macfarlan

WELL OPERATOR Eagle Petroleum Co. DESIGNATED AGENT R. D. Mandrake
Address P. O Box 1049 Address P. O. Box 1049
Parkersburg, W.Va. 26102 Parkersburg W Va 26102

The above well is being posted this 5 day of May, 1983, for a violation of Code 22-4-12-B and/or Regulation 23.03, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

The operator of a well shall reclaim the land surface within the area disturbed in siting, drilling, completing or producing the well. Within six months.

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 11, 1983 to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel N. Hewman
Oil and Gas Inspector

Address P.O. B66
Smithville, W.V
26178

Telephone: 477-35

Posted 5/14/83

RECEIVED
OCT 28 1983
OIL & GAS DIVISION
DEPT. OF MINES

FORM IV-30

Date: October 25, 19 83
Operator's Well Number Petticord #1
API Well No. 47 - 085 - 5868
State County Permit

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

ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil X / Gas X / Liquid Injection ____ / Waste Disposal ____ /
If "Gas" - Production X / Underground Storage ____ / Deep ____ / Shallow X /

LOCATION: Elevation: 909 Watershed: South Fork Hughes River
District: Grant County: Ritchie Quadrangle Macfarlan

WELL OPERATOR: Eagle Petroleum Co
Address: P.O. Box 1049 Parkersburg WVa 26102
DESIGNATED AGENT: R. D. Mandrake
Address: P.O. Box 1049 Parkersburg WV 26102

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on October 25, 19 83.

✓ Upon the expiration of a period of time originally fixes for abatement.

____ Upon the order of the Administrator for the Office of Oil and Gas at the request of the well operator.

____ Upon the request of the Administrator for the Office of Oil and Gas.

The violation of Code 22-4-1k, heretofore found to exist on May 5, 19 83 by Form IV-27, "Notice of Violation" ✓ /, Form IV-28, "Imminent Danger Order" ____ / of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

No attempt made to abate violation

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

____ To continue cessation of operations until the imminent danger is fully abated.

✓ To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

Samuel N. Haverman
Oil and Gas Inspector
Address: P.O. Box 66
Smithville WV 26178
Telephone: 477-3597

PURCHASER: ____
Address ____

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

05/03/2024

HALLIBURTON SERVICES
775 PARKWAY CENTER INN, PITTSBURGH, PENNSYLVANIA 15220
OFFICE PHONE: (412) 922-3841

STEVEN C. MATHEWS
Asst. Division Credit Manager
C. F. THOMAS SCOTT, Jr.
Asst. Division Credit Manager

October 14, 1983

RECEIVED
OCT 17 1983
OIL & GAS DIVISION
DEPT. OF MINES

Mrs. Lois Simkins
Office of Oil & Gas
1615 Washington Street East
Charleston, WV 25311

IN RE: OIL DEVELOPMENT
B & L OIL COMPANY
ALAN GABLE ENTERPRISES

Dear Lois:

In accordance with our telephone conversation of today, you will find enclosed copies of two invoices pertaining to our work on the #20 Jackson well in Ritchie County, West Virginia.

As I mentioned to you in our conversation, we originally called your office to request that a search be done for permit, plat maps, lease, etc., on the #20 Jackson, but were informed that nothing existed in your records on that particular well. We did a little more research and determined that it also could be known as the #20 Petticord-Jackson well. However, you searched your records again today and were still unable to come up with anything on this well.

Hopefully, with the enclosed information you will be able to locate something for us on this well. If you need anything further, please don't hesitate to call our office toll-free at 800/245-4527.

Thank you once again, Lois, for your help on this.

Yours truly,

Sharyn Jones

Sharyn P. Jones

spj-98
Enclosures

05/03/2024

WEST VIRGINIA DEPARTMENT OF MINES
CHARLESTON, WEST VIRGINIA
INTER-OFFICE MEMORANDUM

TO: Sam Hersman DATE: October 17, 1983

FROM: Lois Simpkins SUBJECT: Enclosed letter from Halliburton

Sam:

As you can tell from the context of the enclosed letter I have spent quite a bit of time trying to find the file on the well in question. Either they gave us one well number and Halliburton another one or they've drilled this well without obtaining a permit. I've searched high and low here and can't come up with anything.

Would you please check back in your records and see if you were present or were notified when this work was done, and if so, please let me know what the permit number was.

Thanks

Encl. as stated

RECEIVED
OCT 25 1983
OIL & GAS DIVISION
DEPT. OF MINES

API # 47-085-5868
WELL # PETTICORD #1

DATE 10-24-83

Lois

On May 5-83 a violation on code 22-4-12B and 22-4-1K was written on above well, owned by Eagle Petroleum Co.
On May 9-83 was informed by Eagle Petroleum that well was to be pluged and asked for extension on time for pluging permit to go through process.

About 1 month later "more or less" one of B+L, Oil-Development, Alan Sable Employees informed me that they now owned the well listed above. I was not present when well was fraced, neither was i notified of any frac to be done

I do need to know if this well was transfered or has agent, it may be under Eagle Petroleum yet. Am sure this is the well you are looking for.

Lois / answer

Sam.

P.S. If necessary contact Halliburton agent and have someone take me to well site

05/03/2024

05/03/2024

HALLIBURTON SERVICES
A DIVISION OF HALLIBURTON COMPANY

REMIT TO
P.O. BOX 84737
DALLAS, TEXAS 75284
DIRECT ANY CORRESPONDENCE TO
P.O. DRAWER 1431
DUNCAN, OKLAHOMA 73536

PAGE 1 OF 1 PAGES

FIELD TICKET
NO. 693441

FORM 1906 R-8

WELL NO. AND FARM	COUNTY	STATE	DATE
20 JACKSON	RITCHIE	WV	6 Aug 83

CHARGE TO	OWNER	DUNCAN USE ONLY
O.L Development	O.L Development	

ADDRESS	CONTRACTOR	LOCATION 1	CODE
P.O. Box 165		Weston, WV	117880

CITY, STATE, ZIP	SHIPPED VIA	LOCATION 2	CODE
Davisville, WV 26142			

	DELIVERED TO	LOCATION 3	CODE

	ORDER NO.	BULK MATERIAL DELIVERY TICKET NO.
		B-

WELL TYPE	CODE
Gas Development	G.D.

TYPE AND PURPOSE OF JOB
Pump Acid For N_2 Job

DUNCAN USE ONLY

RECEIVED
OCT 17 1983
OIL & GAS DIVISION

TERMS: INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE STATED WITHIN PAGES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L	CODE D	DESCRIPTION	UNITS 1 QTY.	UNITS 1 MEAS	UNITS 2 QTY.	UNITS 2 MEAS.	UNIT PRICE	AMOUNT
019-000	200-006			MILEAGE 1 UNIT	35	MI			2.10	73 50
019-000	200-024			pumping Service	1	hR			472.00	472 00
201.004				HCL Acid	500	gAL	15	%	.55	275 00
208.108				MSA Acid	1500	gAL	10	%	.73	1095 00
218 842				Delivery Charge on Acid	5	hR.	2	UNITS	42.00	420 00
210.006				HAI-50 INHIBATOR	2	gAL			25.00	50 00
210.012				MSA INHIBATOR	3	gAL			21.00	63 00
218-741				CLA STA B	4	gAL			21.00	84 00
218-644				15-N	4	gAL			16.00	64 00
218.012				Ferchek	20	LB			5.25	105 00
307.314				Sure Shot INJECTOR	1	hR.			316.00	316 00
313.109				PERFPAC BALLS	20	EA	S.P.	.9	3.00	60 00
										227
				AS PER ATTACHED B TICKET NO.						

TAX REFERENCES

SUB TOTAL	3,077. 50
TAX	
TAX	WV TAX
TAX	
TOTAL	3206 70

WAS JOB SATISFACTORILY COMPLETED?
WAS OPERATION OF EQUIPMENT SATISFACTORY?
WAS PERFORMANCE OF PERSONNEL SATISFACTORY?

CUSTOMER OR HIS AGENT

L.W. Loudermilk
HALLIBURTON OPERATOR

JOB DONE IN CONJUCTION W/TICKET # 15015259

05/03/2024

HALLIBURTON SERVICES
A DIVISION OF HALLIBURTON COMPANY
Form 1868-R3

REMIT TO
P.O. BOX 84737
DALLAS, TEXAS 75284
DIRECT ANY CORRESPONDENCE TO
P.O. DRAWER 1431
DUNCAN, OKLAHOMA 73536

PAGE 1 OF 1 PAGES

FIELD TICKET

NO. NS065259

WELL NO. AND FARM: #20 JACKSON	COUNTY: RITCHIE	STATE: WV	DATE: 8/16/83
CHARGE TO: OIL DEVELOPMENT	OWNER: SAME	DUNCAN USE ONLY	
ADDRESS: P.O. BOX 165	CONTRACTOR:	LOCATION 1: WESTON	CODE: 10840
CITY, STATE, ZIP: DANVILLE, WV	SHIPPED VIA: 0226-0228-0229 0256 0230 0231 0257	LOCATION 2: RENOVO	CODE: 10950
	DELIVERED TO: SAME	LOCATION 3:	CODE:
	ORDER NO.:	BULK MATERIAL DELIVERY TICKET NO.: B-	
	TOTAL ACID-30 DAYS:	WELL TYPE: GAS DEV	CODE: GD
	TYPE AND PURPOSE OF JOB: NITROGEN FRAC		

RECEIVED
OCT 17 1983
OIL & GAS DIVISION
DEPT. OF MINES

DUNCAN USE ONLY

TERMS: NET DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L	CODE D	DESCRIPTION	UNITS 1 QTY.	UNITS 1 MEAS.	UNITS 2 QTY.	UNITS 2 MEAS.	UNIT PRICE	AMOUNT
380-048		1		MILEAGE	7	TRK	35 mi		2.10	514.50
380-006		1		PUMPING CHARGE	7	TRK			550.00	3850.00
380-010		1		COOL DOWN	7	TRK	7000	GLE	.40	392.00
380-014		1		NITROGEN	50,000	SCF			1.45	725.00
380-014		1		NITROGEN	50,000	SCF			1.30	650.00
380-014		1		NITROGEN	1,046,000	SCF			1.20	12552.00
380-048		2		MILEAGE	3	TRK	25 mi		2.10	220.50
380-006		2		PUMPING CHARGE	3	TRK			550.00	1650.00
380-010		2		COOL DOWN	3	TRK	7000	GLE	.80	168.00
380-014		2		NITROGEN	525,000	SCF			1.20	6300.00
				SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.				
				SERVICE CHARGE		CU. FT.				
				TOTAL WEIGHT / LOADED MILES		TON MILES				

IS JOB SATISFACTORILY COMPLETED?
IS OPERATION OF EQUIPMENT SATISFACTORY?
IS PERFORMANCE OF PERSONNEL SATISFACTORY?

Customer or His Agent

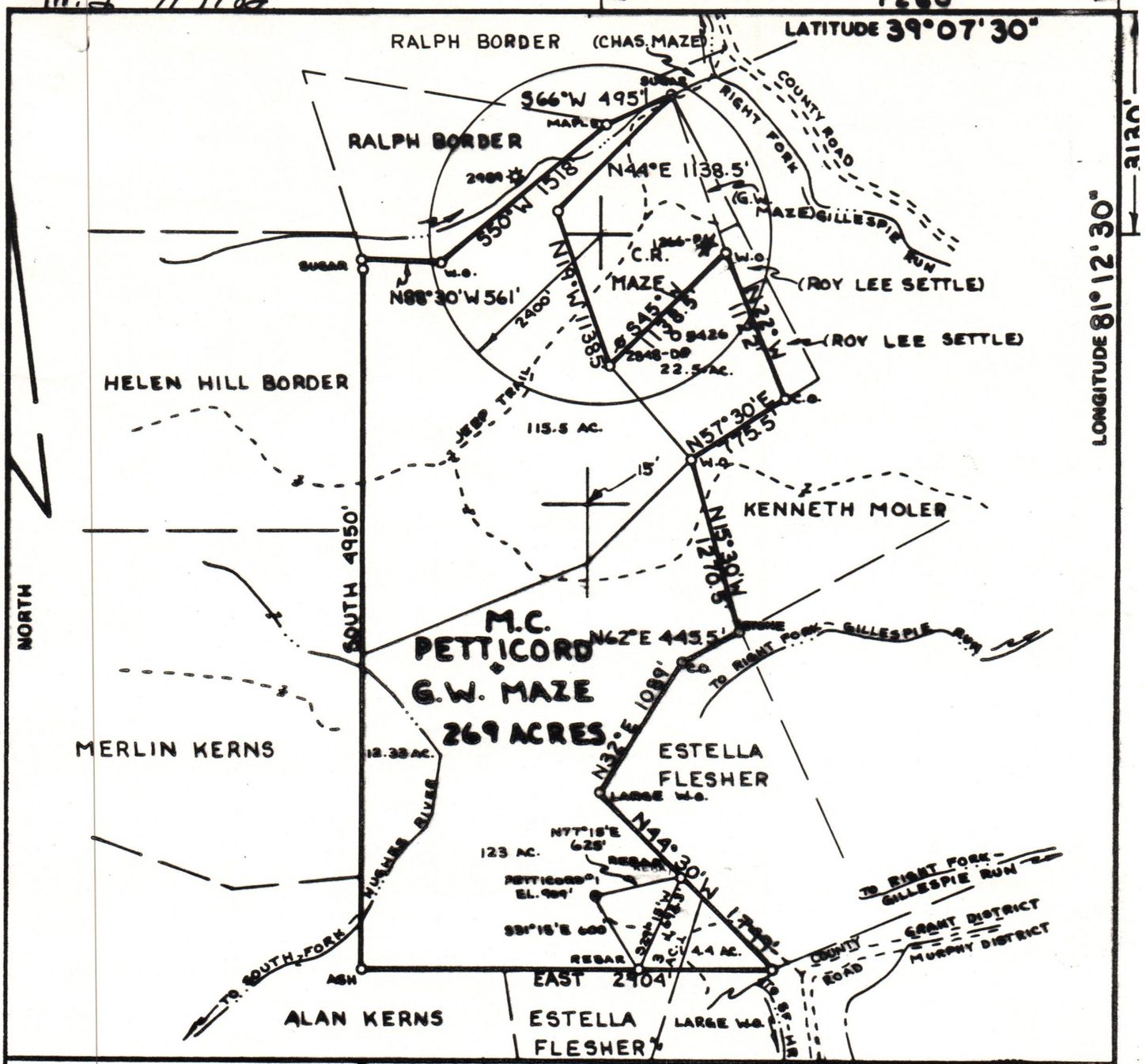
TAX REFERENCES

James R. Swain
Halliburton Operator

SUB TOTAL	28,840.35
TAX	
TAX	WV TAX
TAX	
TOTAL	28,840.35

05/03/2024

M.L 9/7/82



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION HIGH POINT 1121'

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 R. Mossor

R.P.E. _____ L.L.S. 551

WILLIAM R. MOSSOR LICENSED No. 551 STATE OF WEST VIRGINIA LAND SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6
(8-78)

DATE 25 AUGUST, 19 82
OPERATOR'S WELL NO. PETTICORD #1
API WELL NO.
47 - 085 - 5868
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL X GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 909' WATER SHED SOUTH FORK HUGHES RIVER
DISTRICT GRANT COUNTY RITCHIE
QUADRANGLE MACFARLAN 7½' QUAD.
SURFACE OWNER WESTVACO ACREAGE 121.3
OIL & GAS ROYALTY OWNER M.C. PETTICORD + G.W. MAZE LEASE ACREAGE 269
LEASE NO. _____
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 5900'
WELL OPERATOR EAGLE PETROLEUM DESIGNATED AGENT RICHARD D. MANDRAKE
ADDRESS P.O. BOX 1049 ADDRESS P.O. BOX 1049
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101