



Date: April 27, 19 82

Operator's Well No. Bohlman No. 1

API Well No. 47 033 2795

State County Permit

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

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

LOCATION: Elevation: 1095 Watershed: Wolfe Pen Run
District: Sardis County: Harrison Quadrangle: Salem

WELL OPERATOR Swift Energy Company DESIGNATED AGENT Tim Bennett
Address 652 E. North Belt Address 737 Karl Street
Houston, Texas 77060 Weston, WV 26452

OIL & GAS ROYALTY OWNER Mamie Pauline Smith
Address 420 1/2 Cost Avenue
Nutter Fort, WV 26301
Acreage 43.67

COAL OPERATOR
Address

SURFACE OWNER Roger A. Quickle
Address c/o Cheryl Gayloder
43 N. Doan Avenue
Painville, OH 44077
Acreage

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Virginia A. Tetrick
Address c/o Willis G. Tetrick
Union National Center
Clarksburg, WV 26301
Name
Address

FIELD SALE (IF MADE) TO: 25 Acres
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name Consolidation Coal Company
Address P. O. Box 1314
Morgantown, WV 26505

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Stephen Casey
Address Rt. 2, Box 232-D
Jane Lew, WV 26378

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X
other contract / dated December 11, 19 81, to the undersigned well operator from Clarence W. Mutschelknaus
(IF said deed, lease, or other contract has been recorded:)

Recorded on , 19 , in the office of the Clerk of the County Commission of County, West Va., in Book at page . 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)

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MAY 12 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

—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 COMMIS-
SION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

Swift Energy Company
Well Operator
By Tim Bennett
Its Designated Agent

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Unknown
Address _____

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5200 feet Rotary / Cable tools _____ /

Approximate water strata depths: Fresh, 200 feet; salt, 1000 feet.

Approximate coal seam depths: 800 Is coal being mined in the area? Yes _____ / No /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			New	Used	FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well		
Conductor	11 $\frac{3}{4}$				X	40	40	Circulate	Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 $\frac{5}{8}$	K-55	23#	X		1250 250	1250 250	Circulate	
Production	4 $\frac{1}{2}$	K-55	10 $\frac{1}{2}$ #	X		5200	5200	As Needed 520 SK or by rule 15.01	Depths set
Tubing									
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 1-18-83.

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 agent for / owners / 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: 5 May, 1982

By Willis G. Tetrick Jr
Its Agent



IV-9
(Rev 8-81)

DATE April 27, 1982
WELL NO. Bohlman No. 1
API NO. 47 - 033 - 2795

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Swift Energy Company DESIGNATED AGENT Tim Bennett
Address 652 E. North Belt, Houston, TX Address 737 Karl St. Weston, WV 26452
Telephone 713 445-0844 Telephone 304 269-3215
LANDOWNER Roger A. Quickle SOIL CONS. DISTRICT West Fork
Revegetation to be carried out by Swift Energy Company Tim Bennett (Agent)

This plan has been reviewed by West Fork SCD. All corrections and additions become a part of this plan:

5/3/82
(Date)
Jenneth Knight
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert (16")</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing <u>As Shown (12" minimum)</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-7</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Drainage Ditch</u> (B)	Structure _____ (2)
Spacing <u>As Shown (Earthen)</u>	Material _____
Page Ref. Manual <u>2-12</u>	Page Ref. Manual _____
Structure <u>Cross Drains</u> (C)	Structure _____ (3)
Spacing <u>125 feet apart</u>	Material _____
Page Ref. Manual <u>2-4</u>	Page Ref. Manual <u>OIL AND GAS DIVISION WV DEPARTMENT OF MINES</u>

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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

SAME AS AREA I

Treatment Area I

~~Treatment Area I~~ Area II

Lime As determined by pH test Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch Wood Fiber $\frac{1}{2}$ Tons/acre

Seed* KY 31 Fescue 14 lbs/acre

Birdsfoot Trefoil 14 lbs/acre

Rye grass 12 lbs/acre

Lime _____ Tons/acre
or correct to pH _____

Fertilizer _____ lbs/acre
(10-20-20 or equivalent)

Mulch _____ Tons/acre

Seed* _____ lbs/acre

_____ lbs/acre

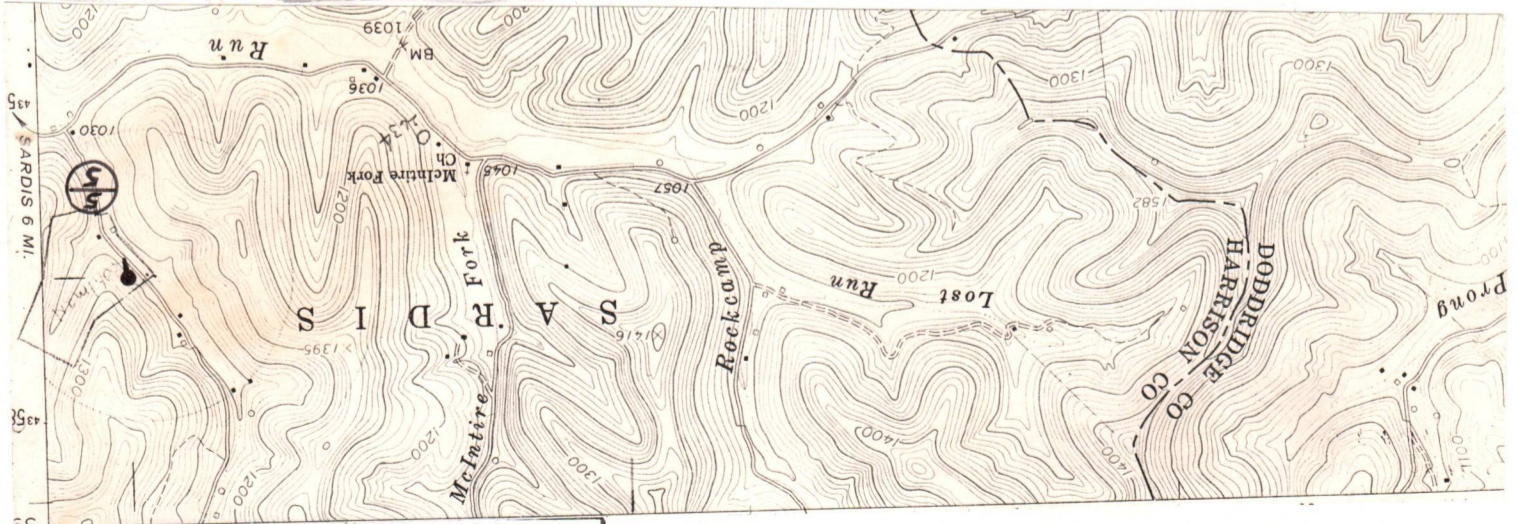
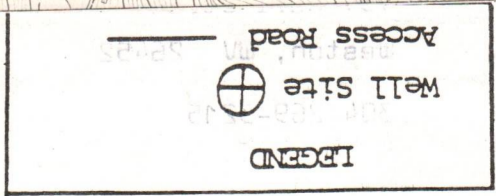
_____ lbs/acre

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

PLAN PREPARED BY Tim Bennett
ADDRESS 737 Karl Street
Weston, WV 26452
PHONE NO. 304 269-3215

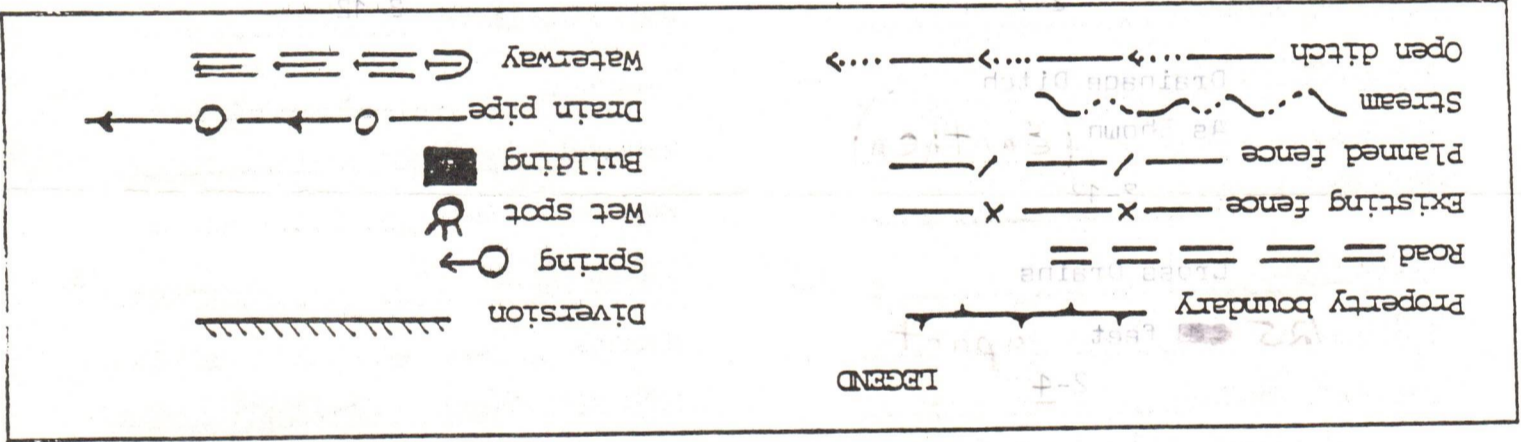
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Salem 7 1/2 Minute



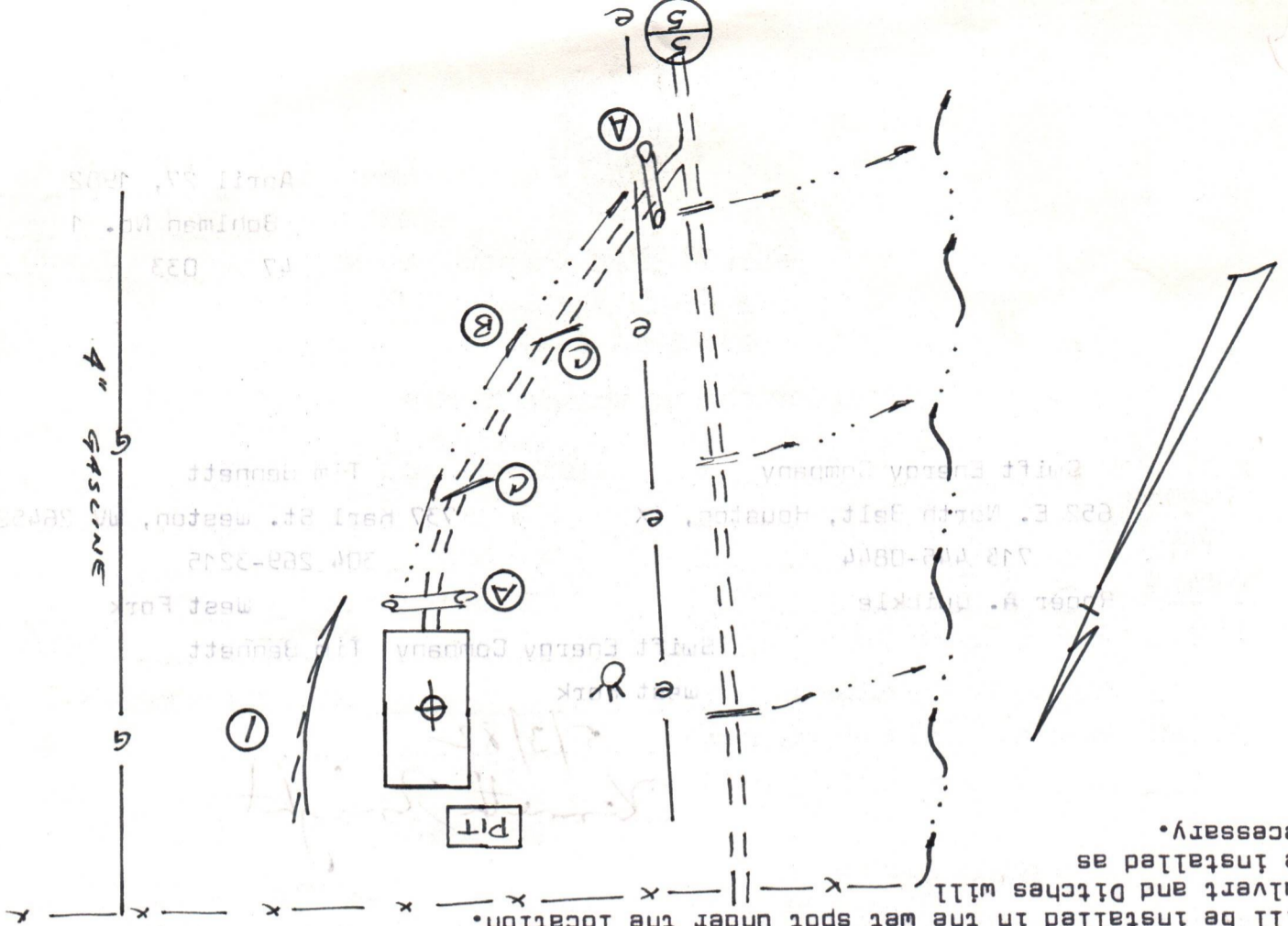
WELL SITE PLAN

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

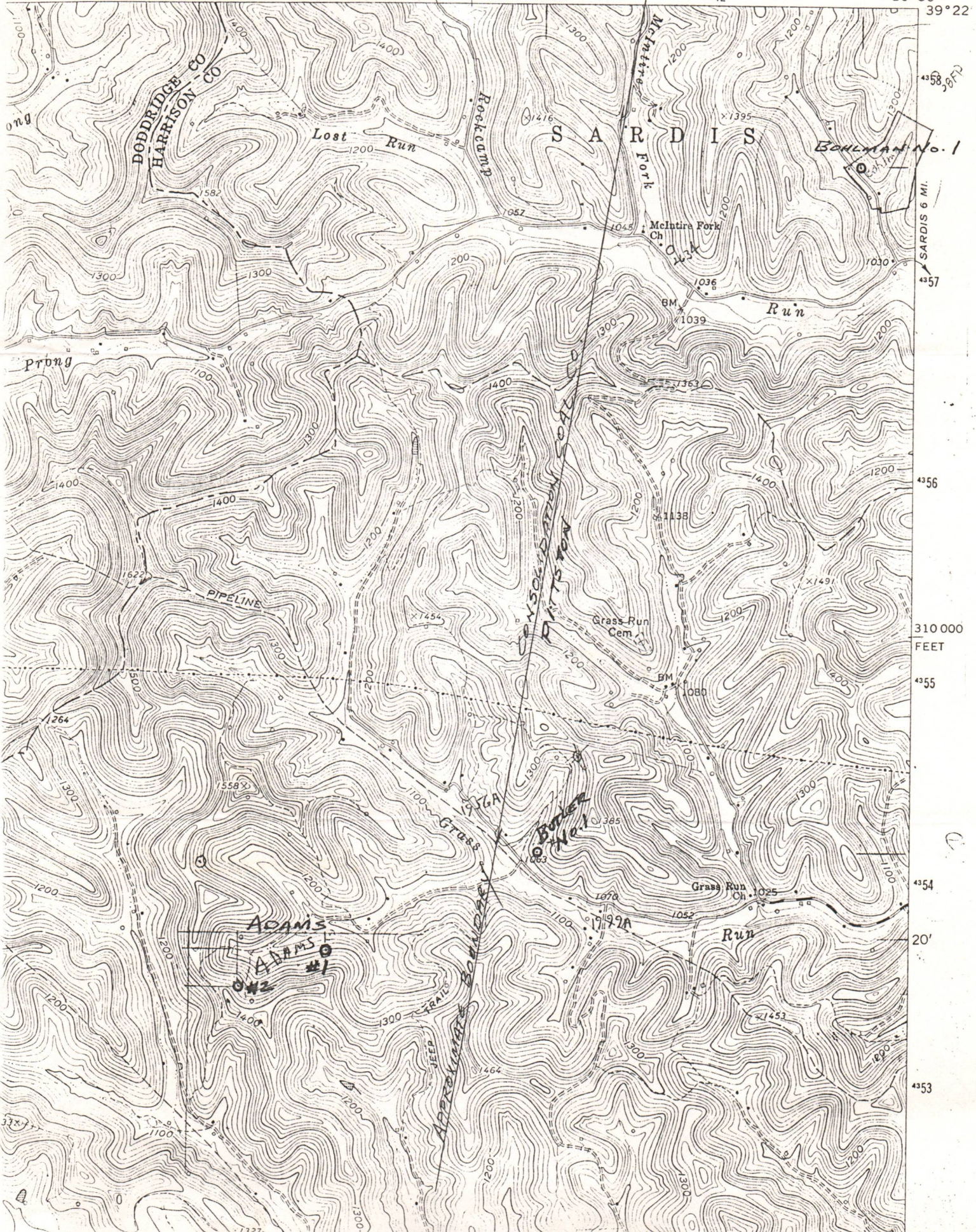


SWIFT ENERGY COMPANY - BOHLMAN NUMBER 1

Location is in edge of woods in an old pasture. Perforated pipe will be installed in the wet spot under the location. Culvert and Ditches will be installed as necessary.



39 32'30" 40 FOLSOM 8 MI. RINEHART 6 MI. 1 710 000 FEET 42 80°30' 39°22'



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OIL AND GAS DIVISION
DEPARTMENT OF MINES



DAVIS ASSOCIATES

308 PROFESSIONAL BUILDING
CLARKSBURG, WV 26301
PHONE: (304) 623-5371

April 28, 1982

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

West Virginia Department of Mines
Office of Oil and Gas
1615 Washington Street, East
Charleston, WV 25311

Re: Adams No. 1 Well - Swift Energy Company
Adams No. 2 Well - Swift Energy Company
Butler No. 1 Well - Swift Energy Company
Bohlman No. 1 Well - Swift Energy Company

CERTIFIED MAIL - RETURN RECEIPT REQUESTED P27 2400505

Dear Sirs:

Transmitted herewith are Forms IV-2 (Oil and Gas Permit Application), IV-6 (Well Plat), IV-9 (Construction and Reclamation Plan), filing fees, and other supportive data for the subject operator's permit application.

If you need additional information for your approval, please advise.

Please return approved permit to Davis Associates at the above address.

Respectfully submitted,

Richard B. Davis
Richard B. Davis, PE

DAVID
BENTLEY

April 22, 1985

West Virginia Department of Mines
Office of Oil and Gas
1615 Washington Street, East
Charleston, WV 25311

Re: Adams No. 1 Well - Gulf Energy Company
Adams No. 2 Well - Gulf Energy Company
Baker No. 1 Well - Gulf Energy Company
Robison No. 1 Well - Gulf Energy Company

CCITT ELM MAIL - RETURN RECEIPT REQUESTED PLS 240000

Dear Sirs:

Transmitted herewith are Forms IV-5 (Oil and Gas Permit Application), IV-6 (Well Plan), IV-8 (Construction and Permitting Plan), Filing Fees, and other appropriate forms for the subject operations permit application.

If you need additional information for your approval, please advise.

Please return approved permit to Davis located at the above address.

Respectfully submitted,

Richard H. Davis, PE



DAVIS ASSOCIATES

308 PROFESSIONAL BUILDING
CLARKSBURG, WV 26301
PHONE: (304) 623-5371

April 28, 1982

RECEIVED

MAY 12 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Roger A. Quickle
c/o Cheryl Gayloader
43 N. Doan Avenue
Painesville, OH 44077

Re: Bohlman No. 1 Well - Roger A. Quickle Farm - 25 Acres
Sardis District - Harrison County

CERTIFIED MAIL - RETURN RECEIPT REQUESTED P27 2400503

Dear Mr. Quickle:

Please be advised that the Swift Energy Company has made application to the West Virginia Department of Mines for a drilling permit on the subject farm for which you are the record surface owner. Swift Energy Company derived its right to drill this property by obtaining a lease from the oil and gas royalty owner.

For your information we are enclosing a copy of the well plat and the Construction and Reclamation Plan showing the location of the well and the access road across the property.

If you have any questions or if we can be of any help to you in this regard, please advise.

Respectfully submitted,

Richard B. Davis
Richard B. Davis, PE
for: Swift Energy Company



DAVIS ASSOCIATES

308 PROFESSIONAL BUILDING
CLARKSBURG, WV 26301
PHONE: (304) 623-5371

April 28, 1982

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MAY 12 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Mr. Willis G. Tetrick
Union National Center
Clarksburg, WV 26301

Dear Bud:

Transmitted herewith are four (4) more wells proposed by Swift Energy Company on properties under which you are the record Coal owner. I have also included the well plats and a copy of the USGS sheet showing the locations.

If you approve, please sign the release on the back of the application and I will pick them up at your office.

Thank you much for your kind cooperation.

Very truly yours,

Richard B. Davis

Richard B. Davis, PE
for: Swift Energy Company

COPY

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

RECEIVED
JUL 24 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Permit number: 47- 33-2795
Company: SWIFT ENERGY COMPANY
Date: 27-Jun-85
Date issued: 5/18/82

County: HARRISON
Farm: BOHLMAN
Well no.: 1
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please
cancel this well work permit.

Signed: _____

Steve Casey

Date: _____

7-19-85

RECEIVED
JUL 24 1952

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS
NOTICE OF EXPIRED PERMIT

County: HARRISON
Face: BOHMAN
Well no. 11
Date expired: 5-19-52

Permit number: 33-2795
Company: SWIFT ENERGY COMPANY
Date: 27-Jun-52
Date issued: 5/18/52

Inspected the above well and found no well work done. Please
cancel this well permit.

Signed: *[Signature]*
Date: 5-19-52



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

ARCH A. MOORE, JR.
 Governor

August 5, 1985

Swift Energy Company
 P. O. Box 2201
 Clarksburg, West Virginia 26301

In Re: Permit No: 47-033-2795
 Farm: Roger A. Quickle
 Well No: 1
 District: Sardis
 County: Harrison
 Issued: 5-18-82

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

 The well designated by the above captioned permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

 Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

XXXX PERMIT CANCELLED - NEVER DRILLED

Very truly yours,

Theodore M. Streit

TMS/ nw

308 PROFESSIONAL BUILDING
CHARLESBORO, WV 25801
PHONE: 304-283-8371

DAVIS
ASSOCIATES



April 25, 1982

Mr. William W. T. Hall - P.O. Box 41, Black's Farm - 25801
Davis Station - Harrison County

RECEIVED MAIL - RETURN RECEIPT REQUESTED P27 5/1/82

Dear Mr. Hall:

Please be advised that the Davis Energy Company has made application to the West Virginia Department of Mines for a drilling permit on the site on which you are the owner of oil and gas rights. The Davis Energy Company has the right to drill for oil and gas by obtaining a release of your lease agreement with the landowner.

For your information, we are enclosing a copy of the well plan and the Leasehold and Reclamation Plan showing the location of the well and the access road across the property.

If you have any questions or if we can be of any assistance to you in this regard, please advise.

Respectfully,

Richard B. Davis, Jr.
for Davis Energy Company



DAVIS ASSOCIATES

308 PROFESSIONAL BUILDING
CLARKSBURG, WV 26301
PHONE: (304) 623-5371

May 14, 1982

Mr. Earlie Delaney
Badger Coal Company
P. O. Box 456
Philippi, WV 26416

Re: Swift Energy Company
Bohlman Well No. 1 - Sardis District - Harrison County
Butler Well No. 1 - Tenmile District - Harrison County

CERTIFIED MAIL - RETURN RECEIPT REQUESTED - P272400512

Dear Mr. Delaney:

Please be advised that Swift Energy Company has submitted an application to the West Virginia Department of Mines, Oil and Gas Office, for a gas well drilling permit on the subject farms under which The Pittston Company has the coal leased. The agent for the coal owner, Willis G. Tetric has been notified of this application and has signed the waiver for the owners.

I previously notified Consolidation Coal Company about these wells in error, and they informed me that these two wells were on property under which you have the coal leased.

You are hereby notified that any objection you 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 of receipt of the application by the Department of Mines.

Department of Mines
Office of Oil and Gas
1615 Washington Street, East
Charleston, WV 25311

RECEIVED

MAY 17 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Respectfully submitted,

Richard B. Davis
Richard B. Davis, PE
for: Swift Energy Company

xerox: Department of Mines
Swift Energy Company
file

MINERAL DEVELOPMENT ENGINEERING



DAVIS ASSOCIATES

308 PROFESSIONAL BUILDING
CLARKSBURG, WV 26301
PHONE: (304) 623-5371

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MAY 17 1982

May 14, 1982

OIL AND GAS DIVISION
WEST VIRGINIA DEPARTMENT OF MINES

West Virginia Department of Mines
Office of Oil and Gas
1615 Washington Street, East
Charleston, WV 25311

Re: Swift Energy Company
Bohlman Well No. 1 - Sardis District - Harrison County
Butler Well No. 1 - Tenmile District - Harrison County
Well Permit Applications

CERTIFIED MAIL - RETURN RECEIPT REQUESTED - P272400513

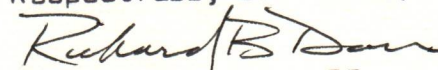
Dear Sirs:

Reference is made to the above captioned Well Permit Applications for Swift Energy Company which you received on May 12, 1982. Please note that the Coal Lessee named is Consolidation Coal Company, however, I was advised by Consol that the Bohlman and Butler Well locations were on coal leases belonging to the Pittston Company. (See attached copy of USGS sheet)

Therefore, I have notified Badger Coal Company, a subsidiary of Pittston, of the pending applications to drill gas wells on these properties. (Copy enclosed)

Please accept this letter as an addendum to the above referenced Well Permit Applications with my apology for any inconvenience this may cause you. If you need additional information for your approval, please advise.

Respectfully submitted,


Richard B. Davis, PE

Encl.
xerox: Swift Energy Company
file

MINERAL DEVELOPMENT ENGINEERING

West Virginia Department of Mines
Office of Oil and Gas
1015 Washington Street, East
Charleston, WV 25301

Re: Swift Energy Company
Johnston Well No. 1 and No. 2 - Harrison County
Butler Well No. 1 - Lincoln County
Well Permit Application

CERTIFIED MAIL - RETURN RECEIPT REQUESTED - 85740000

Dear Sirs:

Reference is made to the above captioned well permit applications for Swift Energy Company which you received on May 15, 1981. Please note that the Coal Lease named in Section One of the application, however, I was advised by Counsel that the Mine and Butler Well locations were on coal lease belonging to the Hittston Company. (An attached copy of this letter)

Therefore, I have notified Hittston Coal Company, a subsidiary of Hittston, of the pending application for this gas well on three copies. (2 to Hittston)

Please accept this letter as an addendum to the above referenced well permit application with my apology for any inconvenience this may cause you. If you need additional information for your records, please advise.

Respectfully submitted,

Richard L. Davis, Jr.

Encl.
Swift Energy Company
File

P27 2400512

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		Badger Coal Company	
STREET AND NO.		P. O. Box 456	
P.O. STATE AND ZIP CODE		Phillippi, WV 26416	
POSTAGE		\$ 37	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	75 c	
	SPECIAL DELIVERY	60 c	
	RESTRICTED DELIVERY	c	
	OPTIONAL SERVICES	c	
	RETURN RECEIPT SERVICE	c	
	SHOW TO WHOM DATE AND ADDRESS OF DELIVERY	c	
	SHOW TO WHOM DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c	
TOTAL POSTAGE AND FEES		\$ 1.72	
POSTMARK		CLARKSBURG, WV MAY 14 1982 USPS	

PS Form 3800, Apr. 1976

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MAY 17 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



State of West Virginia

Department of Mines

Charleston 25305
April 11, 1984

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

Swift Energy Company
P. O. Box 2201
Clarksburg, West Virginia 26301

In Re: Permit No. 033-2795
Farm: Roger A. Quickle
Well No: Bohlman #1
District: Sardis
County: Harrison
Issued 5-18-82

Gentlemen:

Please send an original and two copies of the completion drilling record for the above described well location. This record must be submitted before we can request the district inspector to make a "Final Inspection".

Administrative Regulations - Rule 16.02 Filing of Well Record and Related Forms.
(a) Within 90 days after the completion of permitted work, three copies of Form IV-35, "Well Operator's Report of Drilling, Fracturing and/or Stimulating or Physical Change", containing the geological information required by Code 22-4-8b in the form specified shall be filed with the Administrator, Office of Oil & Gas-Dept. Mines.

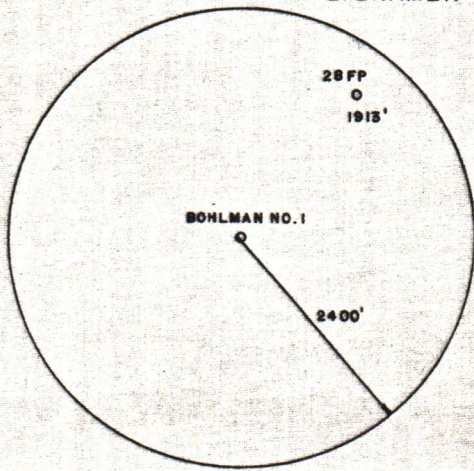
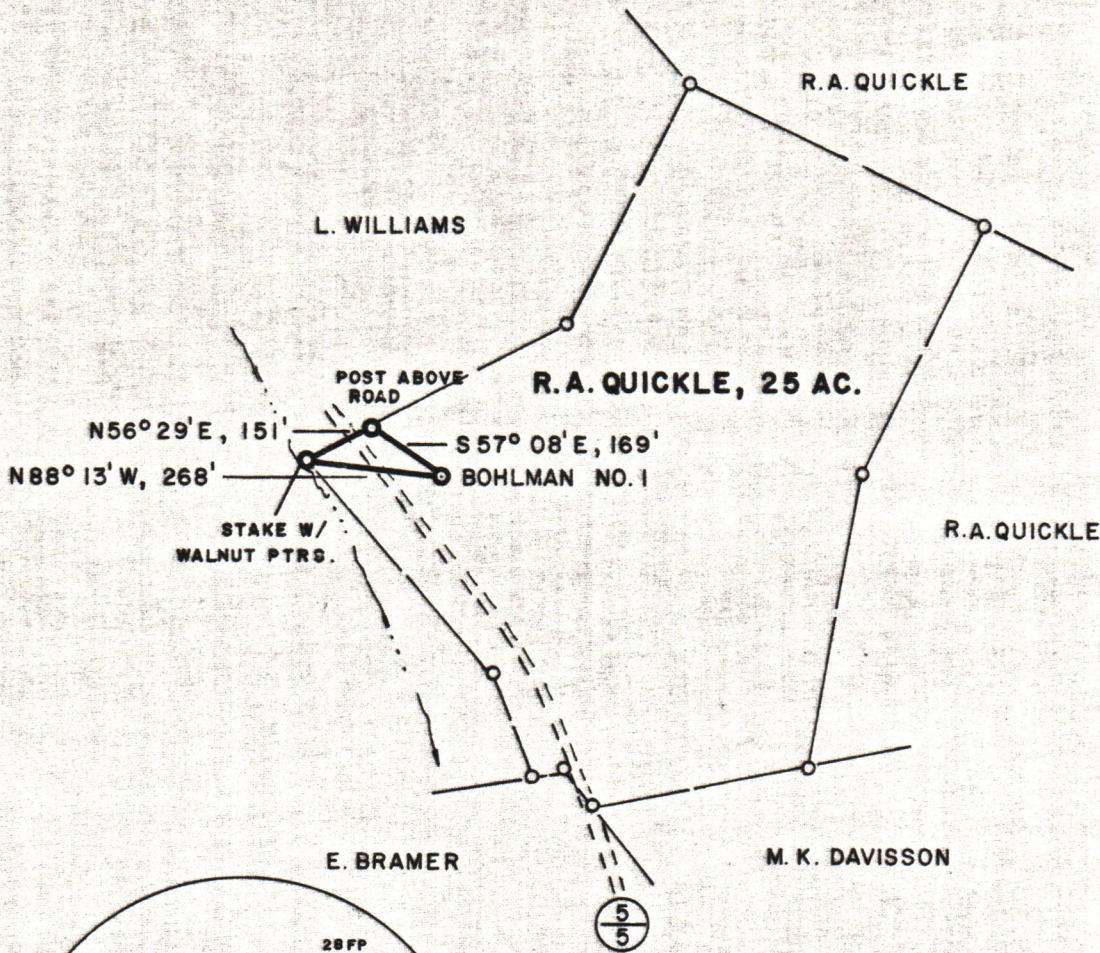
Sincerely,

Theodore M. Streit
Administrator-Oil & Gas

IF WELL WAS NOT DRILLED, PLEASE ADVISE.

LATITUDE 39° 22' 30"
39° 25'

BOHLMAN WELL NO. 1

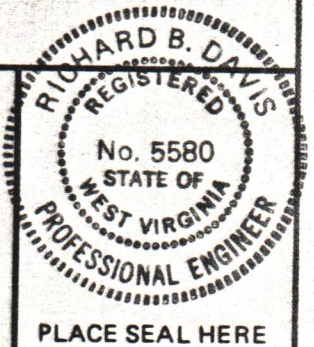


LONGITUDE 80° 30' 00"

NORTH

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 400'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION INTERSECTION RT. 5 & 5/5 EL. 1030

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) Richard B. Davis
R.P.E. 5580 L.S.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE APRIL 22, 1982
OPERATOR'S WELL NO. BOHLMAN NO. 1
API WELL NO. 47-033-2795
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1095 WATER SHED WOLFE PEN RUN
DISTRICT SARDIS COUNTY HARRISON
QUADRANGLE SALEM 7.5 MINUTE

SURFACE OWNER ROGER A. QUICKLE ACREAGE 25
OIL & GAS ROYALTY OWNER MAMIE SMITH LEASE ACREAGE 43.67
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 DEVONIAN SHALE ESTIMATED DEPTH 5200'
WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
ADDRESS 652 E. NORTH BELT HOUSTON, TEXAS 77060 ADDRESS 737 KARL ST. WESTON, WV 26452

M. S. 5/14/82

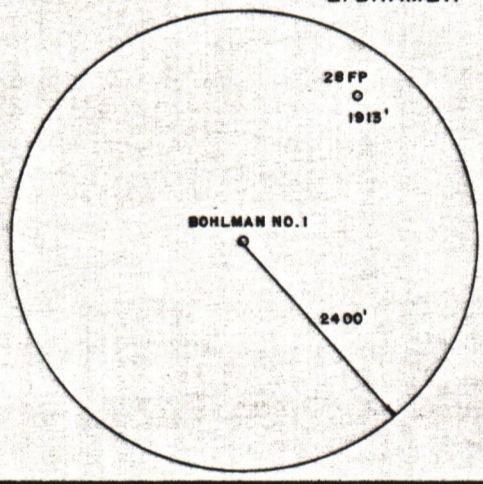
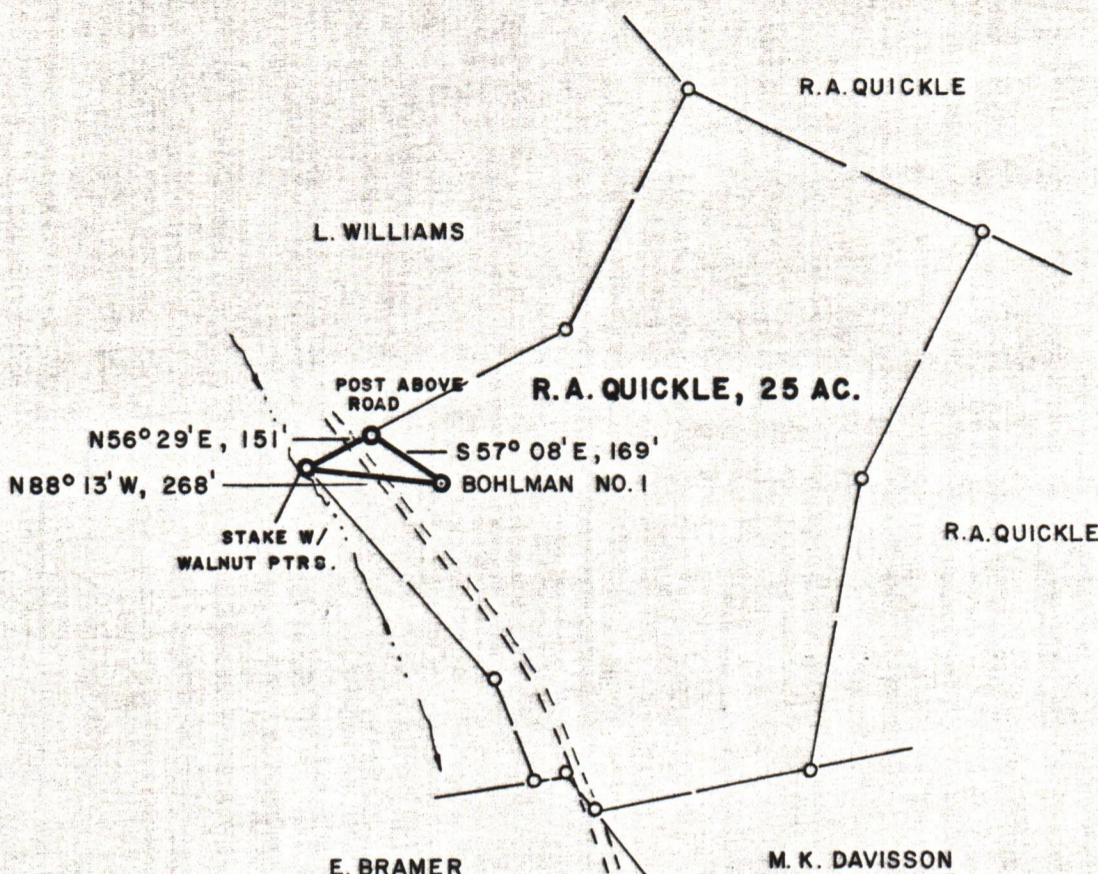
LATITUDE 39° 22' 30"
39° 25'

BOHLMAN WELL NO. 1

2600'

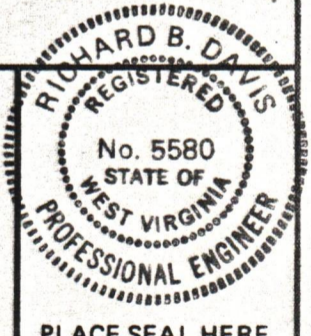
LONGITUDE 80° 30' 00"

NORTH



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION INTERSECTION RT. 8
 5 & 5/5 EL. 1030

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) *Richard B. Davis*
 R.P.E. 5580 L.S.



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE APRIL 22, 1982
 OPERATOR'S WELL NO. BOHLMAN NO. 1
 API WELL NO. 47-033-2795
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1095 WATER SHED WOLFE PEN RUN
 DISTRICT SARDIS COUNTY HARRISON
 QUADRANGLE SALEM 7.5 MINUTE
 SURFACE OWNER ROGER A. QUICKLE ACREAGE 25
 OIL & GAS ROYALTY OWNER MAMIE SMITH LEASE ACREAGE 43.67
 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 DEVONIAN SHALE ESTIMATED DEPTH 5200'
 WELL OPERATOR SWIFT ENERGY COMPANY DESIGNATED AGENT TIM BENNETT
 ADDRESS 652 E. NORTH BELT HOUSTON, TEXAS 77060 ADDRESS 737 KARL ST. WESTON, WV 26452