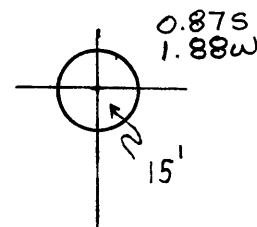


LATITUDE 39°25'00"



R. L. BOGESS
46a

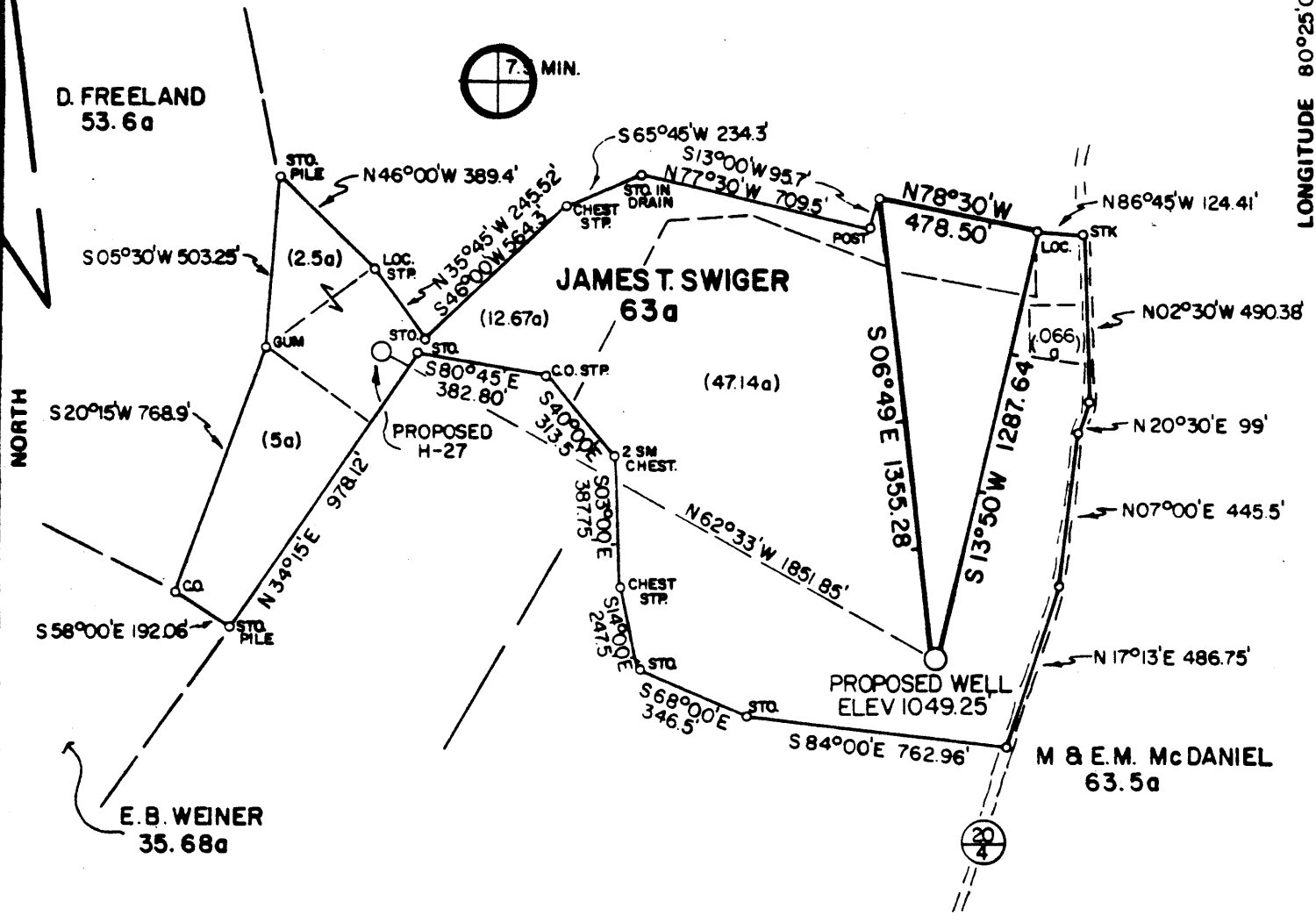
D. FREELAND
53.6a



JAMES T. SWIGER
63a

M & E. M. Mc DANIEL
63.5a

E. B. WEINER
35.68a

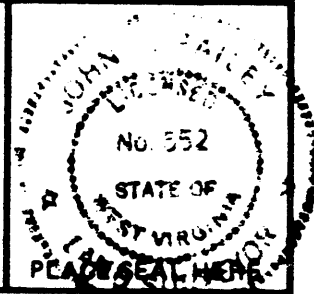


NOTE:
NO WELLS WITHIN 2400'

PREPARED BY MOUNTAIN STATE ENVIROMENTAL SERVICE

FILE NO. MSES 82
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION JCT. RT. 20 & LAUREL RUN ELEV. 933

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) John S. Bailey
R.P.E. _____ L.L.S. 052



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE JULY 28 1982
OPERATOR'S WELL NO. H-28
API WELL NO. 47-033-2869
STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1049.25 WATER SHED LAUREL RUN
DISTRICT SARDIS COUNTY HARRISON
QUADRANGLE WALLACE 75 (1978) Clarksburg 15' WC
SURFACE OWNER PAUL & IRIS DENNISON ACREAGE 47.14
OIL & GAS ROYALTY OWNER JAMES T. SWIGER et al LEASE ACREAGE 63
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 ___ 6-6 Brown-Lumberport (104)
TARGET FORMATION BENSON ESTIMATED DEPTH 5000'
WELL OPERATOR C & P OIL & GAS CO., INC. DESIGNATED AGENT GUY E. MORRIS JR.
ADDRESS 437 HOLDEN AVE. ADDRESS 437 HOLDEN AVE.
CLARKSBURG, W.V., 26301 CLARKSBURG, W.V. 26301



IV-35
(Rev 8-81)

Date June 6, 1983

Operator's _____

Well No. H-28

Farm Swiger #1

API No. 47 - 033 - 2869

State of West Virginia
Department of Mines
Oil and Gas Division

RECEIVED
JUN - 9 1983

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas x / Liquid Injection ___ / Waste Disposal ___ / Oil & GAS DIVISION
(If "Gas," Production x / Underground Storage ___ / Deep D DEEP LOW CF MINES)

LOCATION: Elevation: 1049 Watershed Laurel Run

District: Sardis County Harrison Quadrangle Wallace

COMPANY C & P Oil & Gas Company, Inc.

ADDRESS 437 Holden Ave. Clarksburg, WV 26301

DESIGNATED AGENT Guy E. Morris, Jr.

ADDRESS 437 Holden Ave. Clarksburg, WV 26301

SURFACE OWNER Paul & Iris Dennison

ADDRESS Rt. 1, Box 338, Wallace WV 26448

MINERAL RIGHTS OWNER James T. Swiger, et al

ADDRESS 720 National Ave. Winchester, Va 22601

OIL AND GAS INSPECTOR FOR THIS WORK Stephen

Casey ADDRESS Rt. 2, Box 232 D, Jane Lew

PERMIT ISSUED _____

DRILLING COMMENCED May 12, 1983

DRILLING COMPLETED May 19, 1983

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8		1124	310 Sks To Surface
7			
5 1/2			
4 1/2		3850	510 Sks. (1550=3850)
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5115 feet

Depth of completed well 5416 feet Rotary x / Cable Tools _____

Water strata depth: Fresh 40, 75 feet; Salt 500 feet

Coal seam depths: 12, 495, 605 Is coal being mined in the area? Yes

OPEN FLOW DATA

Producing formation Balltown-Speechly Pay zone depth 3431-3753 feet

Gas: Initial open flow smell Mcf/d Oil: Initial open flow -- Bbl/d

Final open flow 400 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 750 psig (surface measurement) after 96 hours shut in

(If applicable due to multiple completion--)

Second producing formation 4th Sand-Gordon Pay zone depth 2414-2623 feet

Gas: Initial open flow smell Mcf/d Oil: Initial open flow -- Bbl/d

Final open flow 400 Mcf/d Oil: Final open flow show Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 750 psig (surface measurement) after 96 hours shut in

(Continue on reverse side)

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

FRAC (6-1-83) 2 Stage

			<u>BRKD</u>	<u>BBLs</u>	<u>SAND</u>	<u>RATE</u>	<u>AV.PSI</u>	<u>ISIP</u>
<u>Ball Speechly</u>	<u>(3427-3749)</u>	12	3100	490	57,500#	29	2813	1400#
<u>4th Gordon</u>	<u>(2409-2618)</u>	24	2550	593	45,500#	27	3022	2400#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill		Br s	0	5	Water @ 40', 1" stream
Sand & Shale		Br s	5	17	Water @ 75', 4" stream
Coal		Bl s	12	14	Water @ 500', 1" stream
Sand		Wh H	14	40	Hole damp @ 1390
Sand & Shale		Br M	40	53	
Sand		WH H	53	265	Coal @ 12, 495, 605
Shales		Gr s	265	495	
Coal ^{SEW}		Bl s	495	505	
Sandy Sill		Br M	505	605	
Coal (NT)		Bl S	605	620	
Shales		Rd & Gr S	620	840	
Sand		Wh H	840	953	
Shales		Rd & Gr S	953	1585	
Sand		Wh H	1585	1645	
Shale		Gr S	1645	1775	
Big Lime		Gr H	1775	1815	
Sand		Wh h	1815	1925	
Shales		Gr s	1925	2410	
Sand		Wh H	2410	2720	
Shales		Gr S	2720	2625	
Siltstone		Br M	2625	2780	
Shales		Gr s	3780	4865	
Benson		Br M	4865	4885	
Shale		Gr S	4885	5416	
Total Depth				<u>5416</u>	OK @ T.D.

(Attach separate sheets as necessary)

C & P OIL & GAS COMPANY, INC.

Well Operator

By: Pete Perre

Date: June 7, 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."

JUN 13 94

FORM WW-28

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

19352

- 1) Well Operator: KAISCOTT Inc 26730 655
2) Operator's Well Number: K-13 3) Elevation: 1049
4) Well type: (a) Oil / or Gas
(b) If Gas: Production / Underground Storage Deep / Shallow
5) Proposed Target Formation(s): BIG INJUN 371
6) Proposed Total Depth: feet
7) Approximate fresh water strata depths: 40, 75
8) Approximate salt water depths: 500 1390
9) Approximate coal seam depths: 12, 495, 605
10) Does land contain coal seams tributary to active mine? Yes / No
11) Proposed Well Work: FRAC NEW ZONE
12) Set temporary Plug and Abandon Remove Plug complete with Cement Original Production

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade), FOOTAGE INTERVALS (Weight per ft., For drilling, Left in well), CEMENT (Fill-up cu. ft.). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS : Kind Sizes Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP Plat WW-9 WW-2B Bond Agent (Type)

1328/20

RECEIVED
WV Division of Environmental Protection
JUN 1 3 94

- 1) Date: 5/31/94
- 2) Operator's well number
K-13
- 3) API Well No: 47 - 033 - 2869-FRAC
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Paul Dennis
Address Rt 1, Box 338
Wallace, WV 26448
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 6) Inspector Tim Bennett
Address Weston, WV
Telephone (304)- _____

- 5) (a) Coal Operator:
 - Name No Declaration on
Address Record
 - (b) Coal Owner(s) with Declaration
 - Name _____
Address N/A
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
 - Name N/A
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
_____ Personal Service (Affidavit attached)
_____ Certified Mail (Postmarked postal receipt attached)
_____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator KRISOTT INC
By: E. Powell
Its: President
Address Rt 1, Box 319
Clarksburg, WV 26301
Telephone 622-2085

Subscribed and sworn before me this 10th day of June, 1994

W. R. [Signature] Notary Public
My commission expires 06/03/01



1) Date: November 22, 19 82
 2) Operator's Well No. C & P H-28
 3) API Well No. 47-033 State County Permit

DRILLING CONTRACTOR: _____

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil _____ / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: _____ Watershed: _____
 District: _____ County: _____ Quadrangle: _____
- 6) WELL OPERATOR _____ Address _____
- 7) OIL & GAS ROYALTY OWNER _____ Address _____
 Acreage _____
- 8) SURFACE OWNER Paul _____ Address _____
 Acreage _____
- 9) FIELD SALE (IF MADE) TO: _____ Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED Name _____ Address _____
- 11) DESIGNATED AGENT _____ Address _____
- 12) COAL OPERATOR _____ Address _____
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD: Name _____ Address _____
 Name _____ Address _____
- 14) COAL LESSEE WITH DECLARATION ON RECORD: Name _____ Address _____
- 15) PROPOSED WORK: Drill _____ / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, _____
- 17) Estimated depth of completed well, _____ feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No _____

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

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

Notary: _____
 My Commission Expires _____

Signed: _____
 Its: _____

OFFICE USE ONLY
DRILLING PERMIT

Date

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
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Administrator, Office of Oil and Gas