

C.N. INGRAM NO. 1

LATITUDE 39° 22' 30"
39° 25'

V. CUMMINGS

L. COLLETT

1/2" IRON REBAR

S76°02'E
778.79'

2" IRON PIPE

N08°26'E
1369.63'

S39°21'W
1509.01'

R. WALLACE, II

E. DAVIS

NO. 1

R.A. WALLACE, II
167.61 AC.

C. BORINGS

23

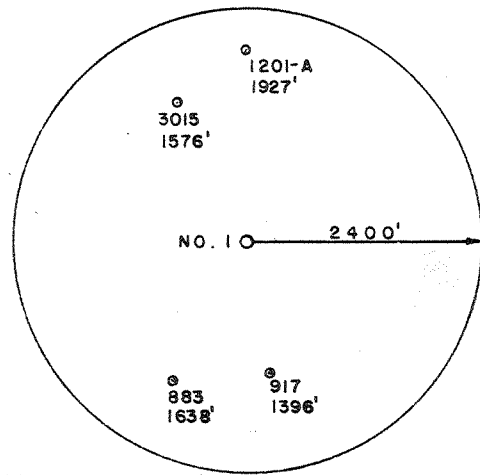
F. HAUGHT

PRATT

O. ASH

B. ASH

H. TERRY



2.88
.355
3.23

3205
0.30W

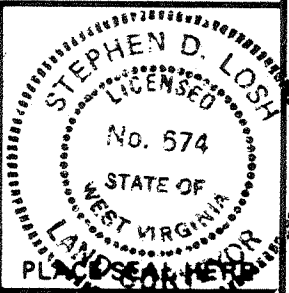
39 22 15
80 35 20

LONGITUDE 80° 35' 00"

NORTH

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1342'

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) Stephen D. Losh
R.P.E. _____ L.L.S. 674



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION



DATE APRIL 29, 1982
OPERATOR'S WELL NO. INGRAM NO. 1
API WELL NO. 47-017-3115
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 1207' WATER SHED ROBINSON FORK
DISTRICT McCLELLAN COUNTY DOODRIDGE
QUADRANGLE SALEM 7.5 min. Centerpoint 15'C
SURFACE OWNER RICHARD A. WALLACE, II ACREAGE 167.61
OIL & GAS ROYALTY OWNER C. N. INGRAM LEASE ACREAGE 90
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 BENSON ESTIMATED DEPTH 5200' 6-6 Smithton-Flint- (99)
WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT Sedalia
ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

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

Devonian Shale 20,000 Lbs. 80/100 Sand
 50,000 Lbs. 20/40 Sand
 500 Bbl. S.L. Fluid

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	5	
Red Rock & Shale			5	15	
Shale			15	21	
Sand & Shale			21	40	
Sand, Shale Red Rock			40	214	Damp at 540'
Sand			214	224	Damp at 883'
Coal			224	227	½" H2/O @ 977'
Sand & Shale			227	235	
Shale & Red Rock			235	540	
Sand & Shale			540	570	
Shale			570	600	
Sand & Shale			600	666	
Sand			666	707	
Sand & Shale			707	852	
Coal			852	860	
Sand & Shale			860	883	
Sand, Shale, Sand			883	1060	
Red Rock & Shale			1060	1130	
Shale & Shale			1130	2030	
Shale & Red Rock			2030	2095	
L. Lime			-2095	2105	
Shale			2105	2125	
Lime			-2125	2195	
Sand			2195	2265	
Sandy Shale			2265	5230	
Sand			5230	5235	
Shale			5235	5365 TD	

(Attach separate sheets as necessary)

James F. Scott
 Well Operator
 By: James F. Scott
 Date: Oct. 5, 1982

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."

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

Benson 20,000 Lbs. 80/100 Sand Perfs 5222-5227
 50,000 Lbs. 20/40 Sand
 500 Bbl. S.L. Fluid

Fifth Sand 10,000 lbs 80/100 Sand Perfs 3097-3102
 25,000 lbs 20/40 Sand
 350 bbl SL Fluid

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	5	
Red Rock & Shale			5	15	
Shale			15	21	
Sand & Shale			21	40	Damp at 540'
Sand, Shale Red Rock			40	214	Damp at 883'
Sand			214	224	
Coal			224	227	½" H2/O @ 977'
Sand & Shale			227	235	
Shale & Red Rock			235	540	
Sand & Shale			540	570	
Shale			570	600	
Sand & Shale			600	666	
Sand			666	707	
Sand & Shale			707	852	
Coal			852	860	
Sand & Shale			860	883	
Sand, Shale, Sand			883	1060	
Red Rock & Shale			1060	1130	
Shale & Shale			1130	2030	
Shale & Red Rock			2030	2095	
L. Lime			2095	2105	
Shale			2105	2125	
Lime (Big Lime)			2125	2195	
Sand			2195	2265	
Sandy Shale			2265	5230	
Sand			5230	5235	
Shale			5235	5365 TD	
<u>Gamma Ray</u>					
5th Sand			3097	3102	
Benson			5222	5227	

(Attach separate sheets as necessary)

James F. Scott
 Well Operator
 By: James F. Scott
 Date: Oct. 5, 1982

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."



Well No. S-394
Farm C.N. Ingram # 1
API # 47-017-3115
Date July 1, 1982

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /

(If "Gas", Production / Underground storage / Deep / Shallow /

LOCATION: Elevation: 1207 Watershed: Robinson Fork
District: McClellan County: Doddridge Quadrangle: Salem 7.5 min.

WELL OPERATOR James F. Scott
Address P.O. Box 112
Salem, WV 26426

DESIGNATED AGENT Darrel Wright
Address P.O. Box 112
Salem, WV 26426

OIL AND GAS
ROYALTY OWNER C.N. Ingram
Address Rt. 1; Salem, WV 26426
Acreage 90

COAL OPERATOR _____
Address _____

FACE OWNER Richard A. Wallace II
Address Rt. 2; Salem, WV 26426
Acreage 167.61

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Willis Tetrick, Jr.
Address Union Nat'l Bank Bldg.
Clarksburg, WV 26301

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Mr. Stephen Casey
Address Rt. 2 Box 232-D
Jane Lew, WV26378
Telephone 884-7470

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

RECEIVED

JUL 2 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the location under a deed / lease / other contract / dated May 1, 1981, the undersigned well operator from C. N. Ingram.

(If said deed, lease, or other contract has been recorded:)

Recorded on May 19, 1982, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in 125 Book at page 106. A permit is requested as follows:

PROPOSED WORK: Drill / 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 receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
3 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

BLANKET BOND

James F. Scott
Well Operator
By: James F. Scott
Its: Owner

(Revised 3-81)

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 Benson

Estimated depth of completed well 5200 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 357 feet; salt, 457 feet.
Approximate coal seam depths: _____
Is coal being mined in this area: Yes / No X /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill-ling		
Conductor	11 3-4					30		Kinds
Fresh water						400'	400'	CTS
Coal								Sizes
Intermed.	8 5-8						900	to surface
Production Tubing	4 1/2						5200	450 sks. Depths set
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 3-9-83

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:

agent for W A I V E R

The undersigned coal operator / owners X / 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 regularions.

Date: 1 July, 1982.

By: Willis G. Tetrick Jr.

Its: Agent.