



1.405
0.10
0.03W

15'

LONGITUDE 80° 55' 00" W

7350'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1' IN 200'
 PROVEN SOURCE OF ELEVATION BM-ROAD FORK
ELEV. = 963'
BIG ISAAC 7 1/2' TOPO

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) Douglas P. Moats
 R.P.E. 7002 L.L.S. _____

PLACE SEAL HERE

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



DATE APRIL 22, 19 81
 OPERATOR'S WELL NO. S-350
 API WELL NO. 47-017-3000
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS.") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1148' WATER SHED BUCKEYE CREEK
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE Vadis 15' NC
 SURFACE OWNER RANCIL MARKS ACREAGE 15[±]
 OIL & GAS ROYALTY OWNER BILL BOND LEASE ACREAGE 15[±]
 LEASE NO. 393

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 Alexander 3, Riley 3-5, 50 ESTIMATED DEPTH 2.5250 4.4100 6.2400
 WELL OPERATOR SCOTT OIL & GAS DESIGNATED AGENT ROGER ZINN
 ADDRESS P.O. Box 112 ADDRESS P.O. Box 112
SALEM, W.V. 26426 SALEM, W.V. 26426

H. T. HALL 6-6 Meathouse Fork-Bristol (146) MAY 21 1981

[08-78]

WELL OPERATOR'S REPORT

Operator's Name: James F. Scott
Well No.: S-350

OF DRILLING, FRACURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No.: 47-- 017 -300
State County: Perry

WELL TYPE: Oil Gas Liquid Injection
(If "Gas", Production Underground storage Shallow

LOCATION: Elevation: 1148
District: Greenbrier
Watershed: Buckeye Creek
County: Doddridge

WELL OPERATOR: James F. Scott
Address: P.O. Box 112
Salem, W. Va. 26426

DESIGNATED AGENT: James F. Scott
Address: P.O. Box 112
Salem, W. Va. 26426

RECEIVED
OIL AND GAS DIVISION
DEPARTMENT OF MINES
5-1981

PERMITTED WORK: Drill Convert Drill deeper Re-drill Fracture or stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) _____

PERMIT ISSUED ON: May 4, 1981

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

OIL & GAS INSPECTOR FOR THIS WORK:
Name: Stephen Casey
Address: Rt. 2 Box 232-D
Jane Lew, W. Va.

GEOLOGICAL TARGET FORMATION: Alexander
Depth of completed well, 5569 feet
Water strata depth: Fresh, 170 feet; Rotary Cable Tools
Coal seam depths: 230-233; 321-325 salt, _____ feet.
Work was commenced Aug. 10, 1981, and completed Aug. 16, 1981. Is coal being mined in the area? NO

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	REMARKS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11 3/4							
Fresh water						30'		
Coal								Rinds
Intermediate	8 5/8		20#	X				Sizes
Production	4 1/2		10/5#	X			879	
Tubing							5497	Depth set.
Liners								Performance:
								Top Bottom

OPEN FLOW DATA

Producing formation: 5047-5060 Benson; 5332-5432 Alexander; 4038-64 Balltown; 3644-56 Speechley. Pay zone depth _____ ft.

Gas: Initial open flow, _____ Mcf/d
Final open flow, 1,508 Mcf/d
Time of open flow between initial and final tests, _____ hours

Oil: Initial open flow, _____ bbl/d
Final open flow, _____ bbl/d

Static rock pressure, 1675 psig (surface measurement) after 72 hours shut in

[If applicable due to multiple completion--]

Second producing formation _____ Pay zone depth _____ ft.

Gas: Initial open flow, _____ Mcf/d
Final open flow, _____ Mcf/d
Time of open flow between initial and final tests, _____ hours

Oil: Initial open flow, _____ bbl/d
Final open flow, _____ bbl/d

Static rock pressure, _____ psig (surface measurement) after _____ hours shut in

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

Alexander :	Perfs	5384-88	5409-11	5472-74	12 holes
Benson:	Perfs	5048-68	14 holes		
Balltown:	Perfs	4038-41;	4048-4054;	4060-62	12 holes
Speechley	Perfs	3644-47;	3651-55;	12 holes	

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Clay & Fill			0	10	
Shale & R. Rock			10	50	
Sand & Shale			50	230	1/2" H2/O at 170'
Coal			230	233	
Sand & Shale			233	321	
Coal			321	325	
Sand & Shale			325	380	
Sand			380	460	
Sand & Shale			460	565	
Sand			565	650	
Sandy Shale			650	750	
R. Rock			750	810	
Sand & Shale			810	1180	
Shale			1180	1285	
Sand & Shale			1285	1560	
Sand			1560	1720	
Shale & Lime			1720	2055	
B. Lime & Injun			2090	2250	
Sand & Shale			2250	2935	
Shale			2935	3220	
Sand & Shale			3220	5035	
Benson			5035	5050	
Sand & Shale			5050	5390	
Alexander			5390	5420	
Shale			5420	5569 TD	
Gamma Ray Log					
Big Lime-Big Injun			2100	2256	
Speechley			3644	3656	
Balltown			4038	4064	
Benson			5047	5060	
Alexander			5382	5432	

(Attach separate sheets to complete as necessary)

Well Operator _____

By _____

Its _____

NOTE: Regulation 2.01(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."

(Revised 3-81)



Well No. S-350
Farm Bill Bond
API # 47-017-3000
Date Apr. 30, 1981

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

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas X /

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

LOCATION: Elevation: 1148 Watershed: Buckeye Creek
District: Greenbrier County: Doddridge Quadrangle:

WELL OPERATOR Scott Enterprises
Address P.O. Box 112
Salem, W. Va. 26426

DESIGNATED AGENT
Address

OIL AND GAS
ROYALTY OWNER Bill Bond
Address 302 N. Jefferson Ave.
Clearwater, Fla. 33515
Acreage 15

COAL OPERATOR
Address

SURFACE OWNER Rancil Marks
Address 4 Transverse Ave.
Baltimore, Md. 21220
Acreage 15

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Same as Oil & Gas
Address

FIELD SALE (IF MADE) TO:
NAME
Address

NAME
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Stephen Casey
Address Rt. 2 Box 232-D
Jane Lew, W. Va. 26378
Telephone 884-7470

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

RECEIVED
MAY - 4 1981

OIL & GAS DIVISION
DEPT. OF MINES

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 Mar. 27, 1981, to the undersigned well operator from Richard Bond and Shirley Bond.

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

Recorded on Apr. 7, 1981, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in 120 Book at page 46. 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 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 GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Scott Enterprises
Well Operator

By: S. Edward Arnold

BLANKET BOND Its: Geologist

(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) S. W. Jack Drilling Co.

Address Buckhannon, W. V.

GEOLOGICAL TARGET FORMATION Alexander; Benson; Riley
Balltown; 5th Sand; Injun

Estimated depth of completed well 5500 feet. Rotary X / Cable tools /

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

Approximate coal seam depths:

Is coal being mined in this area: Yes 7 / No /

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								
Coal								Sizes
Intermed.	8 5-8						800	to surface
Production	4 1/2						5500	400 sks. 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, of the W. Va. Code, the location is hereby approved

for Drilling. This permit shall expire if operations have not commenced by 1-7-82

Field Burdett
Deputy Director - Oil & Gas Division

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:

W A I V E R

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 regularions.

Date: , 19 .

By:

Its:

G. Swt.