



[08-7-]

WELL OPERATOR'S REPORT

OF

DRILLING, TRAIL RIGS AND OR STIMULATING, OR PHYSICAL CHANGE

017 -2862  
State County Permit

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_  
(If "Gas", Production \_\_\_ / Underground storage \_\_\_ / Deep \_\_\_ / Solow X)

LOCATION: Elevation: 1007' Watershed: Greenbrier Creek

District: Greenbrier County: Doddridge Quadrangle: Big Issac 7.5'

WELL OPERATOR James F. Scott DESIGNATED AGENT SAME

Address P.O. Box 112 Address \_\_\_\_\_  
Salem, W. Va. 26426

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

PERMIT ISSUED ON Nov. 3, 19 80 OIL & GAS INSPECTOR FOR THIS WORK:

IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED  
Name Paul Garrett  
Address 321 Beech St.  
Clarksburg, W. VA. 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5505 feet

Depth of completed well, 5505 feet Rotary X / Cable Tools \_\_\_  
40-350

Water strata depth: Fresh, \_\_\_ feet; salt, \_\_\_ feet.  
110-113; 172-176;

Coal seam depths: 345-348; 715-718 Is coal being mined in the area? NO

Work was commenced Nov. 21, 1980, and completed Nov. 26, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	TAPERS
	Size	Grade	Weight per Ft	New	Used	For drilling		
Industrial	11 3-4							Rinds
fresh water								
gal								Sines
industrial	8 5-8		20	X		1027	to surface	
industrial	4 1/2		10 1/2	X		5435	800 sks.	Boths set
								Perforations:
								Top Bottom

AUG - 4 1981

OIL & GAS DIVISION

4965-90 Benson; Alexander, Big Island, Big Stone Creek, 4965-5300

Oil: Initial open flow, \_\_\_ Mf/d  
Final open flow, 1561 Mf/d

Time between initial and final tests, \_\_\_ hours

1960' sig (surface measurement) after 72 hours shut in

(If multiple completions--)

Pay zone depth, \_\_\_\_\_

Oil: Initial open flow, \_\_\_ Mf/d  
Final open flow, \_\_\_ Mf/d

Time between initial and final tests, \_\_\_ hours

1960' sig (surface measurement) after \_\_\_\_\_

AUG 17 1981

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

Big Injun	2106-11	35,000 #	Sand
Benson	4975-87	60,000 #	Sand
Alexander	5353-69	60,000 #	Sand

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	40	
Sand			40	110	1/2" H2/O at 40'
Coal			110	113	
Sand			113	172	
Coal			172	176	1 1/2" H2/O at 350'
Sand			176	300	
Shale			300	345	
Coal			345	348	
Sand & Shale			348	655	
Sand			655	715	
Coal			715	718	
Sand & Shale			718	1523	
Shale			1523	1893	
Red Rock			1893	1924	
Shale			1924	1950	
Little ,Lime			1950	1955	
Big Lime			2030	2110	
Sand & Shale			2110	4965	
Benson			4965	4990	
Shale			4990	5300	
Alexander			5300	5320	
Shale			5320	5340	
and (brown)			5340	5350	
Shale			5350	5500	
Gamma Ray Log					
Big Lime-Big Injun			1980	2170	
Benson			4974	4986	
Alexander			5311	5319	

(Attach separate sheets to complete as necessary)

*James F Scott*  
 Well Operator

By James F. Scott

Its Owner/Operator

REG: 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."

FORM 2  
(Obsolete)

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS

Date: Oct 30 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Name: Eva Caswell  
Well No. S-327

API Well No. 47-017-2862  
State County Permit

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

LOCATION: Elevation: 1007' Watershed: Greenbrier Creek  
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

WELL OPERATOR: Scott Enterprises, Inc. DESIGNATED AGENT: SAME  
Address: P.O. Box 112  
Salem, W. Va. 26426

OIL & GAS ROYALTY OWNER: Eva Caswell COAL OPERATOR  
Address: 440 39th. Street S.E.  
Canton, Ohio 44707

ACREAGE: .9  
SURFACE OWNER: Carl Koch COAL OWNER(S) WITH DECLARATION ON RECORD:  
Address: Box 1961 Name: Consolidation Coal Company  
Alice, Texas 78332 Address: P.O. Box 1314  
Morgantown, W. V. 26505

FIELD CALL (IF MADE) TO:  
Name:  
Address:

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name: Paul Garrett  
Address: 321 Beech St.  
Clarksburg, W. V. 26301

RECEIVED  
NOV 3 1980

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  / other contract  / dated Mar. 21, 1980, to the undersigned well operator from Eva Caswell & Lloyd Caswell

[If said deed, lease, or other contract has been recorded:]  
Recorded on May 2, 1980, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Book 114 at page 673. A permit is requested for all the

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 application they wish to mine 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.

A copy of this Permit Application and the enclosed plat and declaration plan have been filed with the Department of Mines and delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the filing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE PRINT NAME OF ALL  
DE PHYSICIAN OR DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSOLIDATION COMMISSION  
100 WASHINGTON STREET EAST  
CHARLESTON, WV 25301

Scott Enterprises, Inc.  
Well Operator

BLANKET BOND

By: B. Edward Paul  
Geologist

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  
Address Buckhannon, W. Va.

GEOLOGICAL TARGET FORMATION, Alexander

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

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

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

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	1 3-4								Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5-8						825	to surface	
Production	4 1/2						5200	300 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. THIS PERMIT MUST BE POSTED AT THE WELL SITE as noted on the Form IV-2 filed in connection therewith.

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 7-5-81.

*[Signature]*  
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 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 to be done at this location, provided, the well operator has complied with all requirements of the West Virginia Code and the governing regulations.

By       
Its