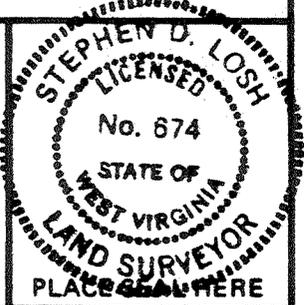


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. - 1305'

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 JUNE 28, 1982
 OPERATOR'S WELL NO. ALLEN HEIRS NO. 1
 API WELL NO. 5-396
47 - 017 - 3119
 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 884' WATER SHED LITTLE BATTLE RUN
 DISTRICT McCLELLAN COUNTY DODDRIDGE
 QUADRANGLE CENTER POINT 7.5 min. 415' C
 SURFACE OWNER REV. JOSEPH H. HODGES ACREAGE 98
 OIL & GAS ROYALTY OWNER PEARLEY E. ALLEN HEIRS LEASE ACREAGE 60
 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/ALEXANDER ESTIMATED DEPTH 5500'
 WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 SALEM, WV 26426

JUL 28 1982
6-6
Smithton-Flinty
Sedalia (99)

IV-35
(Rev 8-81)



Date Oct. 11, 1982
Operator's Well No. S-396
Farm Allen Heirs # 1
API No. 47 - 017 - 3119

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /
(If "Gas" Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 884 Watershed Little Battle Run
District: McClellan County Doddridge Quadrangle Center Point 7.5'

COMPANY James F. Scott
ADDRESS P.O. Box 112; Salem, WV 26426
DESIGNATED AGENT James F. Scott
ADDRESS P.O. Box 112; Salem, WV 26426
SURFACE OWNER The Most Reverend Joseph H. Hodges
Roman Catholic Diocese
ADDRESS Wheeling, WV 26003
MINERAL RIGHTS OWNER Maxine Allen et al
ADDRESS 1500 Bonaventure Road Greensboro, N.C. 27408
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey
ADDRESS Rt. 2, Box 232-D, Jane Lew, WV 26378

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		1547	to surface
7			
5 1/2			
4 1/2		5057	350 sks.
3			
2			
Liners used			

RECEIVED
OCT 13 1982
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

PERMIT ISSUED July 12, 1982
DRILLING COMMENCED Sept. 21, 1982
DRILLING COMPLETED Sept. 30, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Benson; Alexander Depth 5500 feet
Depth of completed well 5130 feet Rotary X / Cable Tools
Water strata depth: Fresh 25; 185 feet; Salt feet
Coal seam depths: NONE Is coal being mined in the area? NO

OPEN-FLOW DATA
Producing formation Benson Pay zone depth 4980 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d
Final open flow 400 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1725 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse side)

OCT 23 1982

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

Devonian Shale 10,000# 80/100 Sand
 40,000# 40/80 Sand
 550 BBls. 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
Fill			0	30	
Sand & Shale			30	75	½" H2/O @ 25'
Shale			75	195	
Sand			195	380	½" H2/O @ 185'
Sand & Shale			380	504	
Sand			504	518	
Sand & Shale			518	615	
Sand, Shale, Red Rock			615	1060	
Sand & Shale			1060	1170	
Sand			1170	1225	
Sand & Shale			1225	1250	
Shale			1250	1290	
Sand			1290	1310	
Sand & Shale			1310	1400	
Sand			1400	1560	
Sand & Shale			1560	1730	
Red Rock; Sand; Shale			1730	1800	
Little Lime			-1800	1815	
Shale & Red Rock			1815	1836	
Lime			-1836	1900	
Sand & Lime			1900	1910	
Sand & Shale			1910	1935	
Sand			1935	2009	
Sand & Shale			2009	2068	
Shale			2068	2168	
Shale			2168	2970	
Sand			2970	3010	
Sand & Shale			3010	4965	
Sand			4965	4975	
Shale	Benson		4975	5130 TD	

(Attach separate sheets as necessary)

James F. Scott
Well Operator

By: James F. Scott
Date: October 11, 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-396
Farm Allen Heirs # 1
API # 47 - 017 - 3119
Date July 9, 1982

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: 884 Watershed: Little Battle Run
District: McClellan County: Doddridge Quadrangle: Center Point 7.5'

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 Maxine Allen et al
Address 1500 Bonaventure Road
Greensboro, N.C. 27408
Acreage 60

COAL OPERATOR
Address

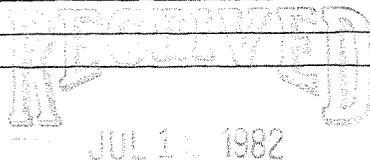
SURFACE OWNER The Most Reverend Joseph H. Hodges
Address Bishop - Roman Catholic Diocese
Wheeling, WV 26003
Acreage 98

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Maxine Allen
Address 1500 Bonaventure Road
Greensboro, N.C. 27408
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME
Address

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



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 Apr. 2, 1982, to the undersigned well operator from Maxine Allen.

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

Recorded on May 3, 1982, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in 124 Book at page 856. 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

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

BLANKET BOND

(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; Alexander

Estimated depth of completed well 5500 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, 84 feet; salt, 134 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						120'	120'	CTS
Coal								Sizes
Intermed.	8 5/8						600	to surface
Production	4 1/2						5500	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 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 3-15-83 .

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:

W A I V E R

The undersigned coal operator / owner 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: 6-22, 1982 .

[Signature]

By: _____

Its: _____