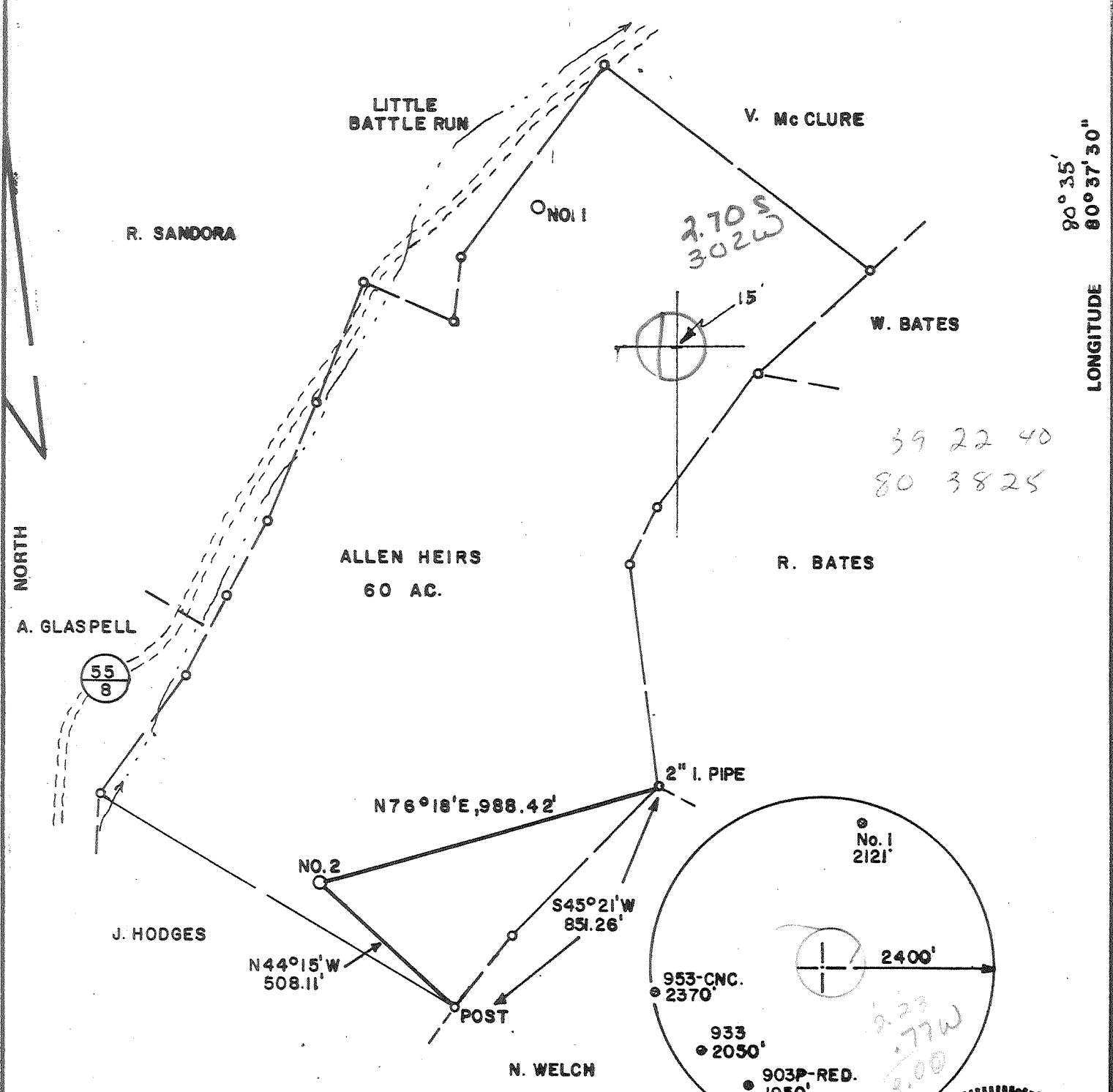


M.S. 7/13/82

LATITUDE 39°25'00"



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

STEPHEN D. LOSH  
 LICENSED  
 No. 674  
 STATE OF WEST VIRGINIA  
 LAND SURVEYOR  
 PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JUNE 28, 1982  
 OPERATOR'S WELL NO. ALLEN HEIRS NO. 2  
 API WELL NO. S-426  
 47 - 017 - 3118  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1126' WATER SHED LITTLE BATTLE RUN  
 DISTRICT McCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE CENTER POINT 7.5 min. 15C  
 SURFACE OWNER REV. JOSEPH H. HODGES ACREAGE 90  
 OIL & GAS ROYALTY OWNER ISRAEL W. ALLEN HEIRS LEASE ACREAGE 60  
 LEASE NO. \_\_\_\_\_  
 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 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 26 1982  
 6-6 Smithton-Flint  
 Sedalia (99)

RECEIVED



IV-35  
(Rev 8-81)

OCT 27 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Date Oct. 26, 1982  
Operator's  
Well No. S-426  
Farm Allen Heirs # 2  
API No. 47- 017 - 3118

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: 1126 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 Darrel Wright  
ADDRESS P.O. Box 112; Salem, WV 26426  
SURFACE OWNER The Most Reverend Joseph H. Hodges, Bishop  
ADDRESS Roman Catholic Diocese Wheeling, WV 26003  
MINERAL RIGHTS OWNER E.W. Allen etal  
ADDRESS 518 South 5th St, Clarksburg, WV 26301  
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"	30		
9 5/8			
8 5/8		1700	to surface
7			
5 1/2			
4 1/2		5264	650 sks
3			
2			
Liners used			

PERMIT ISSUED July 12, 1982  
DRILLING COMMENCED Oct. 1, 1982  
DRILLING COMPLETED Oct. 8, 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 5350 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 150 feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 285-289 Is coal being mined in the area? NO

OPEN FLOW DATA  
Producing formation Benson Pay zone depth 5217-5221 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 808 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 1650 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)

NOV 8 1982

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

Devonian Shale                      80/100 Sand                      10,000#  
                                                  40/80 Sand                      40,000#  
                                                  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 & Soil			0	45	
Sand			45	72	
Shale			72	150	½" H2/O @ 150'
Sand			150	180	
Sand & Shale, Sand			180	315	
Shale			315	384	
Sand & Shale, Sand			384	550	
Sand			550	666	
Sand & Shale			666	949	
Shale & Red Rock			949	1460	
Sandy Shale			1460	1500	
Sand			1500	1530	
Sand & Shale			1530	1595	
Sand			1595	1690	
Sand & Shale			1690	1855	
Sand			1855	1892	
Sand & Shale			1892	1945	
Red Rock & Shale			1945	2015	
Little Lime			2015	2030	
Shale			2030	2050	
Lime			2050	2115	
Sand & Lime			2115	2142	
Sand			2142	2147	
Sand & Shale			2147	2165	
Sand			2165	2190	
Sand & Shale			2190	2835	
Sand			2835	2855	
Shale			2855	5190	
Benson			5190	5195	
Shale			5195	5350TD	

(Attach separate sheets as necessary)

James F. Scott

Well Operator

By:

*James F. Scott*

Date: October 26, 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 ... encountered in the drilling of a well."



Well No. S-426  
Farm Allen Heirs # 2  
API # 47-017-3118  
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: 1126 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 E. W. Allen et al  
Address 518 South 5th St.  
Clarksburg, WV 26301  
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 E. W. Allen et al  
Address 518 South 5th Street  
Clarksburg, WV 26301  
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

RECEIVED  
JUL 13 1982

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. 13, 1982, to the undersigned well operator from E. W. Allen & Edna B. Allen, his wife.

(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 898. 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

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; Alexander

Estimated depth of completed well 5500 feet. Rotary X / Cable tools    /  
Approximate water strata depths: Fresh, 276 feet; salt, 376 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	Left in Well		
Conductor	11 3/4					30			Kinds
Fresh water						300'	300'	CS	
Coal									Sizes
Intermed.	8 5/8						800	to surface	
Production tubing	4 1/2						5500	350 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 3-15-83.  
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: 6/29, 19 82

[Signature]

By: \_\_\_\_\_  
Its: Royalty Owner