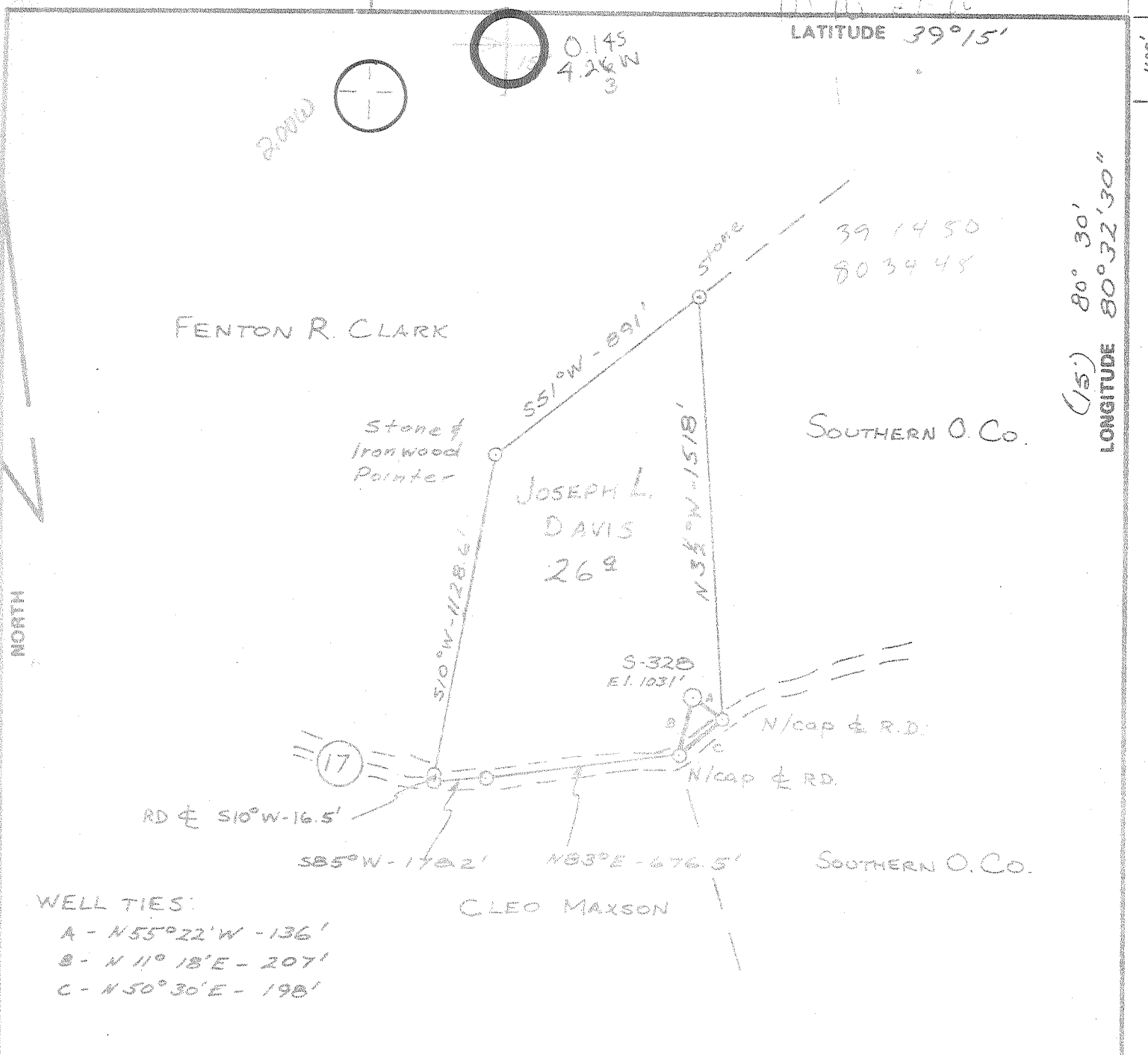


0.145  
4.26 W  
3



WELL TIES:  
 A - N55°22'W - 136'  
 B - N 11° 18'E - 207'  
 C - N50°30'E - 198'

CLEO MAXSON

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1" IN 200'  
 PROVEN SOURCE OF ELEVATION 1012' U.E.  
BIG ISAAC TOPO-7 1/2'

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 OCTOBER 21, 1980  
 OPERATOR'S WELL NO. S-328  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 2857  
 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 1031' WATER SHED GREEN BRIER CREEK  
 DISTRICT GREENBRIER COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC - 7 1/2' ; VADIS - 15' NE  
 SURFACE OWNER JOSEPH L. DAVIS ACREAGE 26 1/2  
 OIL & GAS ROYALTY OWNER JOSEPH L. DAVIS LEASE ACREAGE 26 1/2  
 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 ALEXANDER ESTIMATED DEPTH 5,200'  
 WELL OPERATOR SCOTT OIL & GAS DESIGNATED AGENT JAMES F. SCOTT  
 ADDRESS P.O. BOX 112 SALEM W.V. 26426 ADDRESS P.O. BOX 112 SALEM W.V. 26426  
6-6 MEATHOUSE FR - BRISTOL

NOV 17 1980

Joe Davis  
S-328

017-2857

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

LOCATION: Elevation: 1013' Watershed: Greenbrier Creek  
District: Greenbrier County: Doddridge Quadrangle: Big Isaac 7.5'

WELL OPERATOR James F. Scott DESIGNATED AGENT SAME  
Address: P.O. Box 112 Address: \_\_\_\_\_  
Salem, W. Va. 26426

RESERVED

PERMITTED WORK: Drill X / Convert \_\_\_ / Drill deeper \_\_\_ / Address: \_\_\_\_\_  
Plug off old formation \_\_\_ / Perforate new formation \_\_\_  
Other physical change in well (specify) \_\_\_\_\_  
OIL & GAS DIVISION  
DEPT. OF MINES

JAN - 2 1981

PERMIT ISSUED ON Oct. 24, 1980 OIL & GAS INSPECTOR FOR THIS WORK:  
Name Paul Garrett  
Address 321 Beech St.  
Clarksburg, W.Va. 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth: 5459 feet  
Depth of completed well, 5459 feet Rotary X / Cable Tools \_\_\_  
Water strata depth: Fresh, 70 feet; salt, 1520 feet.  
120-123; 175-179;  
Coal seam depths: 241-244; 720-725 Is coal being mined in the area? No  
Work was commenced Oct. 30, 1980, and completed Nov. 6, 1980

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		
5" Brass	11 3/4							Hands
Fresh water								
Steel								Sizes
8" 5-8		20#	X			825	to surface	
4 1/2"		10.5#	X			5390	225 sks.	Depth set
								Perforations:

RESERVED  
JAN - 2 1981

OIL & GAS DIVISION  
DEPT. OF MINES  
5320-4990

Alexander, Benson  
1900  
2000  
72

JAN 26 1981

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

Alexander Perfs: 5311--5327 (10 Holes)  
15,000# 80/100  
45,000# 20/100

Benson Perfs: 4984--4994 (12 Holes)  
20,000# 80/100  
40,000# 20/40

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Red Rock & Shale			0	40	
Sand			40	120	½" H2/O 70'
Coal			120	123	
Sand			123	175	1" H2/O at 1520'
Coal			175	179	
Sand			179	241	
Coal			241	244	
Sand			244	265	
Red Rock & Shale			265	377	
Sand			377	527	
Sand & Shale			527	650	
Sand			650	720	
Coal			720	725	
Sand			725	885	
Shale			885	899	
Sand & Shale			899	1070	
Shale			1070	1520	
Sand & Shale			1520	1650	
Shale & Red Rock			1650	1990	
B. Lime			1990	2170	
Sand & Shale			2170	4980	10M
Benson			4980	5000	
Shale			5000	5320	
Alexander			5320	5372	
Gamma Ray Log					
Benson			4983	5003	
Alexander			5320	5372	

TDS459

(Attach separate sheets to complete as necessary)

Well Operator \_\_\_\_\_  
By \_\_\_\_\_  
Date \_\_\_\_\_

This well log provides a  
detailed record of all formations,  
including coal, encountered in the  
drilling of a well.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date: Oct. 20 1980

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. S-328  
API Well No. 47 - 017 - 2857  
State County Permit

WELL TYPE: Oil  / Gas  /  
(If "Gas", Production  / Underground storage  / Deep  / Shallow  )  
LOCATION: Elevation: 1013 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 Address \_\_\_\_\_  
Salem, W. Va. 26426

OIL & GAS ROYALTY OWNER Joe Davis et al COAL OPERATOR \_\_\_\_\_  
Address P.O. Box 17 Address \_\_\_\_\_  
Salem, W. Va. 26426

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Consolidation Coal Co.  
Address P.O. Box 1314  
Morgantown, W. Va. 26505

FIELD SALE (IF MADE) TO:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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

**RECEIVED**  
OCT 24 1980

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the \_\_\_\_\_  
under a deed  / lease  / other contract  / dated Aug. 7, 1980, to the  
undersigned well operator from Joe Davis and Karen Sue Davis  
[If said deed, lease, or other contract has been recorded:]

Recorded in Oct. 17, 1980, in the office of the Clerk of the County Commission of Doddridge  
County, West Virginia, in Lease Book 117 at page 447. 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 the receipt of this Application by the Department.

Two copies of this Permit Application and the enclosed plat and reclamation plan have been mailed  
\_\_\_\_\_ or delivered by hand to the above named coal operator, coal owner(s), and coal lessee  
on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at  
Charleston, West Virginia.

PLEASE CHECK COPIES OF ALL  
PHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSOLIDATION COMMISSION  
100 WASHINGTON STREET EAST  
CHARLESTON, WV 25301  
PHONE NO: 336-1300

BLANKET BOND

Scott Enterprises, Inc.  
Well Operator  
By [Signature]  
Inc

[08-78]

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		
Conductor	11 3/4							Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8					700	to surface	
Production	4 1/2					5200	700 Skts or	Depths set
Tubing							as reqd. by	
Liners							rule 15.01	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 when the permit is submitted as part of the work for which a permit is sought and is noted as such 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 6-27-81.

*J. E. Murray*  
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 location, the well location has been added to the mine map. The undersigned has no objection to 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 regulations.

\_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_