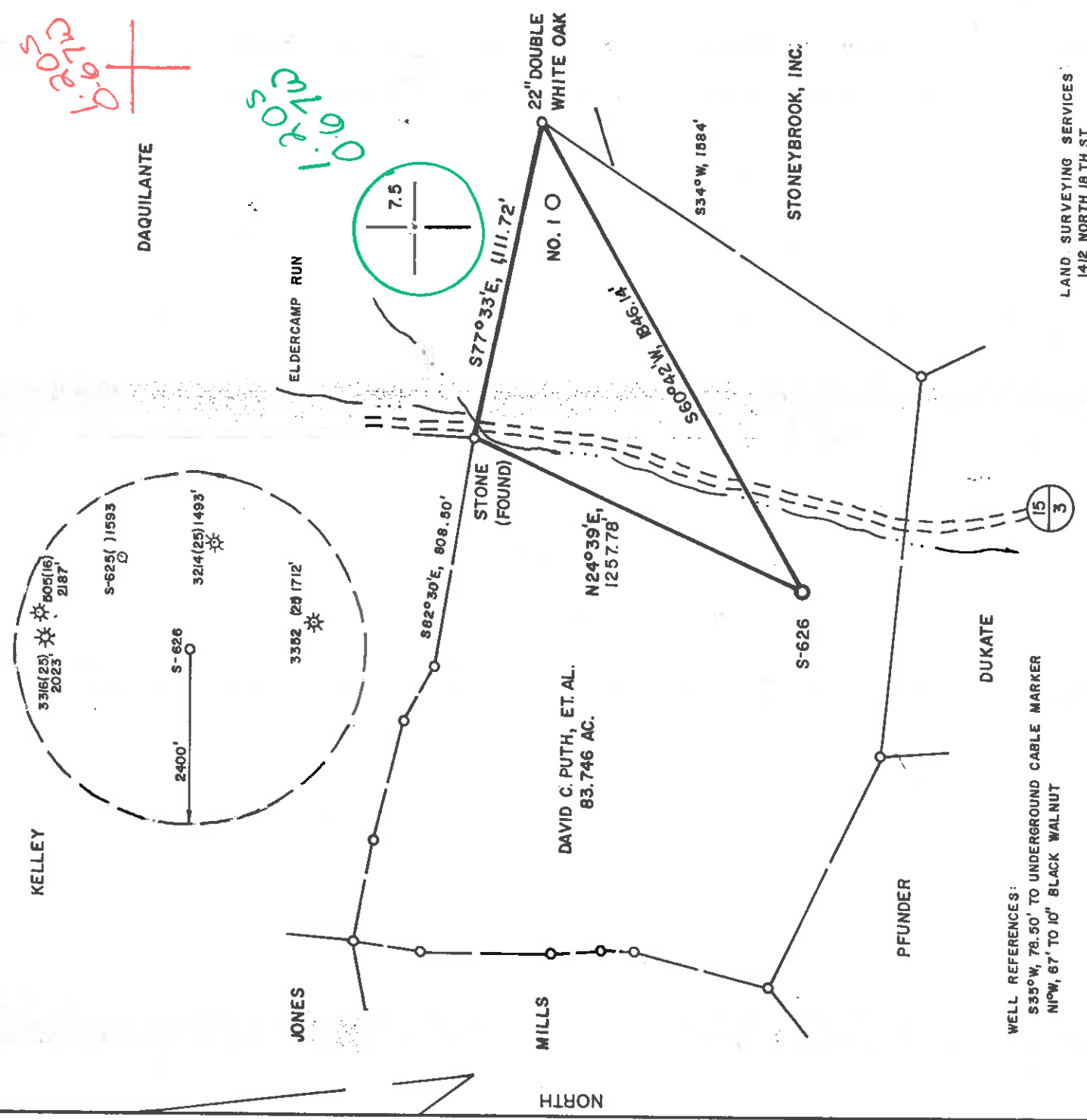


27.B 7/30/86

3510' LATITUDE 39° 15' 00" LONGITUDE 80° 35' 00" 6380



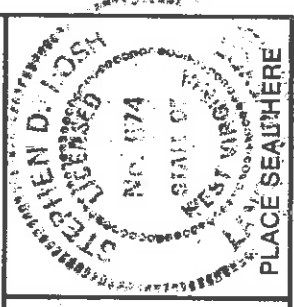
WELL REFERENCES:
 S35° W, 78.50' TO UNDERGROUND CABLE MARKER
 N0° W, 87' TO 10' BLACK WALNUT

LAND SURVEYING SERVICES
 1412 NORTH 18 TH ST.
 CLARKSBURG, WV 26301
 PHONE: 304-623-1214

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INT. 710' SE. OF LOC. AT ELEV. 918'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 ENERGY.
 (SIGNED) *Stephen D. Losh*
 R.P.E. _____ L.L.S. NO. 674
 _____ STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE JULY 23, 19 86
 OPERATOR'S WELL NO. S-626
 API WELL NO. PUTH NO. 2

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL PERMIT
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 930' WATER SHED ELDERCAMP RUN
 DISTRICT GREENBRIER 4 COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC 252 123 AC. Vachis
 SURFACE OWNER DAVID C. PUTH, ET AL. ACREAGE 83.746
 OIL & GAS ROYALTY OWNER PENNZOIL - WHITE LEASE NO. 1721 LEASE ACREAGE 83.746

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 5400'
 WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P. O. BOX 112 714 ADDRESS P. O. BOX 112
 SALEM, WV 26426 SALEM, WV 26426

COUNTY NAME

PERMIT

47-017-3510

AUG 18 1986

W. L. Zinnia (145)

IV-35
REV 8-81) NOV 03 1986



RECEIVED
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia

Date October 29, 1986
Operator's
Well No. S-626
Farm David Puth #2
API No. 47 - 017 - 3510

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 /)

LOCATION: Elevation: 930 Watershed Elder Camp Run.

District: Greenbrier County Doddridge Quadrangle Big Isaac

COMPANY Scott Oil Company

ADDRESS P. O. Box 112, Salem, WV 26426

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112, Salem, WV 26426

SURFACE OWNER Catherine Smith & David Puth

ADDRESS 8611 Brandt Place, Bethesda Md.

GENERAL RIGHTS OWNER Pennzoil Company

ADDRESS P. O. Box 1588, Parkersburg, WV

OIL AND GAS INSPECTOR FOR THIS WORK Mike

Underwood ADDRESS Rt. 2, Salem, WV

PERMIT ISSUED 8/14/86

DRILLING COMMENCED 10/7/86

DRILLING COMPLETED 10/12/86

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
IN

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		765	to surface
7			
5 1/2			
4 1/2		5333	400 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson, Alexander Depth feet

Depth of completed well 5304 feet Rotary x / Cable Tools

Water strata depth: Fresh 25, 101 feet; Salt feet

Coal seam depths: 177-180 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Benson, Alexander Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow 531 Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure 1720 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

NOV 10 1986

(Continue on reverse side)

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

Benson 4867-4874 Sand 80/100 100 sks
 20/40 400 sks
 Alexander 5065-5242 Sand 80/100 100 sks
 20/40 400 sks

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all and salt water, coal, oil etc
F111			0	10	
Shale			10	25	
Sand			25	50	
Sand/shale			50	117	
Sand			117	177	
Coal			177	180	
Red Rock/Shale			180	200	
Sand			200	240	
Sand & Shale			240	286	
Shale			286	290	
Shale/Red Rock			290	365	
Sand			365	589	
Sand/Shale			589	1123	
Sand			1123	1238	
Sand/shale			1238	1886	
Lime			1886	1898	
Shale			1898	1926	
Big Lime			1926	2087	
Sand/Shale			2087	2150	
Sand/Sand			2105	2223	
Sand/shale			2223	4890	
Sand			4890	4905	
Sand/Shale			4905	5304 TD	
Gamma Ray ✓					
Big Lime/Big Injun			1920	2073	
Gordon Stray			2570	2586	
Gordon			2656	2698	
5th Sand			2792	2798	
Benson			4866	4875	
Alexander			5062	5250	

(Attach separate sheets as necessary)

Scott Oil Company
 Well Operator
 By: David Wright
 Date: 10/30/86

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
 well, encountered in the drilling of a well."

