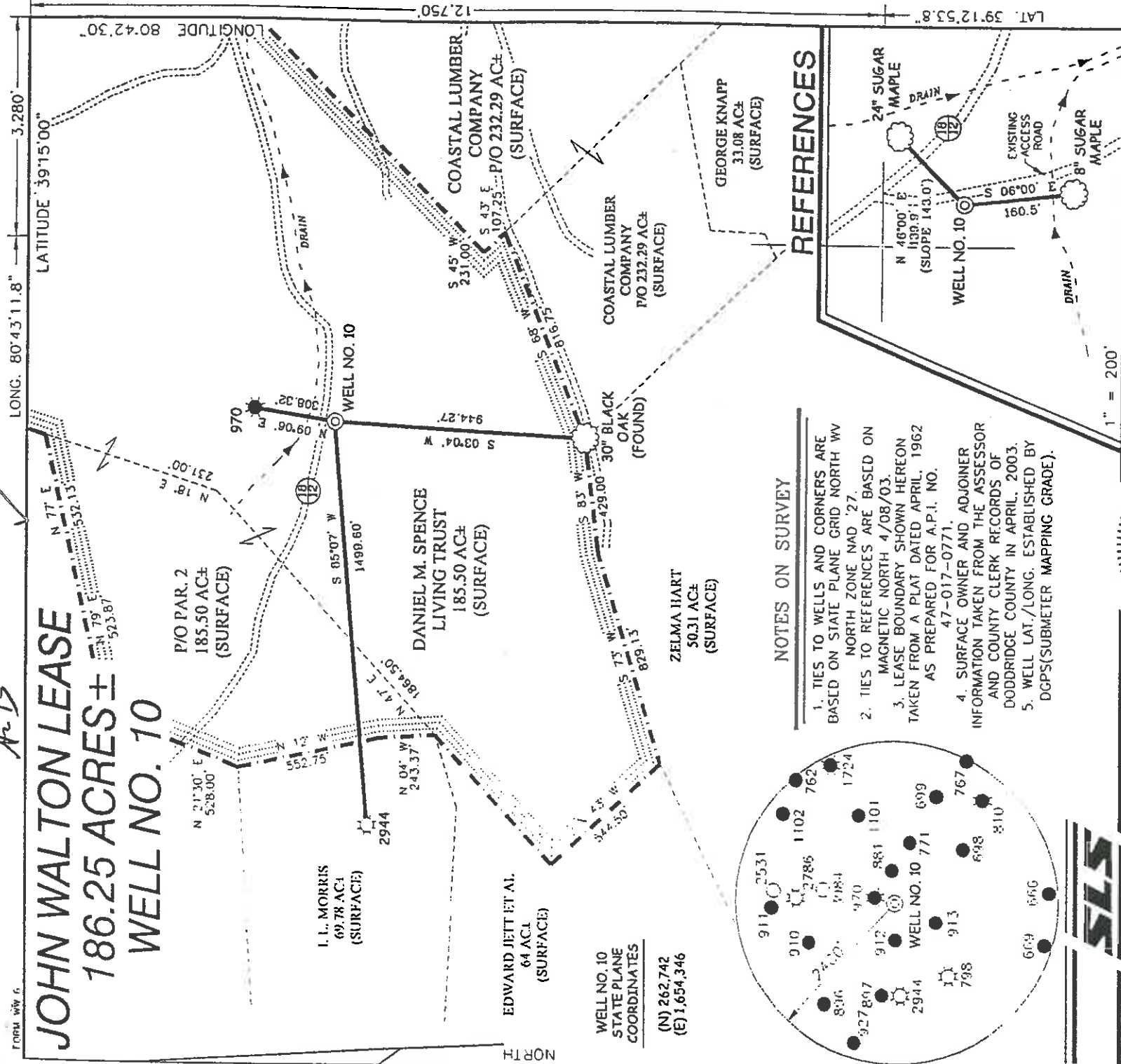


Apr 15

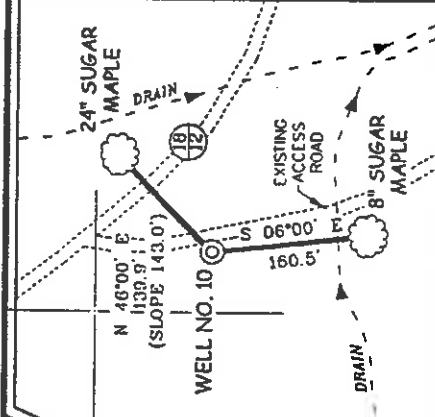
JOHN WALTON LEASE 186.25 ACRES ± WELL NO. 10



NOTES ON SURVEY

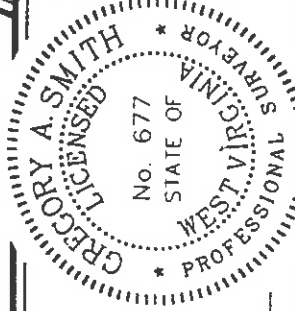
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 4/08/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED APRIL, 1962 AS PREPARED FOR A.P.I. NO. 47-017-0771.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN APRIL, 2003.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



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 PROVIDED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. *Gregory A. Smith*
677 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR



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

DATE APRIL 22, 20 03
OPERATORS WELL NO. 10
API WELL NO. 47-017-04731
COUNTY PERMIT

MINIMUM DESIRE OF ACCURACY 1 / 200 FILE NO. 5219P10 (140-5B)
PROVEN SOURCE OF ELEVATION BENCHMARK ELEVATION = 844' SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE : OIL GAS LIQUID WASTE INJECTION DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1,032' WATERSHED TRIBUTARY OF TOMS FORK

DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'

SURFACE OWNER DANIEL M. SPENCE LIVING TRUST ACREAGE 185.5±

ROYALTY OWNER MAPS PHILLIPS HEIRS, ET AL LEASE ACREAGE 186.25± LEASE NO. _____

PROPOSED WORK DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5,900'

WELL OPERATOR J. J. DEEM DESIGNATED AGENT FRANK DEEM
ADDRESS 5518 2ND AVE., VIENNA, WV 26105

COUNTY NAME DODD PERMIT 4731

(Per-REG 13A)

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

AP

Well Operator's Report of Well Work

Farm name: JOHN WALTON Operator Well No.: 10

LOCATION: Elevation: 1032' Quadrangle: NEW MILTON

District: NEW MILTON County: DODDRIDGE
Latitude: 12,750 Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 3,280 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: J. FRANK DEEM

Address:	<u>5518 2nd AVE.</u>	Casing & Tubing	<u>8-5/8"</u>	Used in drilling	<u>1062'</u>	Left in well	<u>1062'</u>	Cement fill up Cu. Ft.	<u>329</u>
Agent:	<u>VIENNA, WV 26105</u>								
Inspector:	<u>J. FRANK DEEM</u>		<u>4-1/2"</u>			<u>5362'</u>		<u>619</u>	
Date Permit Issued:	<u>MIKE UNDERWOOD</u>								
Date Well Work Commenced:	<u>12-01-03</u>								
Date Well Work Completed:	<u>12-06-03</u>								
Verbal Plugging:									
Date Permission granted on:									
Rotary X Cable Rig									
Total Depth (feet):	<u>5460'</u>								
Fresh Water Depth (ft.):	<u>50'</u>								
Salt Water Depth (ft.):	<u>NR</u>								
Is coal being mined in area (N/Y)?	<u>NO</u>								
Coal Depths (ft.):	<u>NONE</u>								

OPEN FLOW DATA
ALEXANDER
ELK
BENSON

Producing formation RILEY Pay zone depth (ft) 4655'-4811'
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 844 MCF/d Final open flow SHOW Bbl/d
Time of open flow between initial and final tests 6 Hours Days
Static rock Pressure 1640 psig (surface pressure) after 16 Hours

Second producing formation BALLTOWN Pay zone depth (ft) 4002'-4450'
Gas: Initial open flow WARREN MCF/d Oil: Initial open flow 3260'-3344' Bbl/d
Final open flow MCF/d Final open flow MCF/d Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

ALL FORMATIONS CO-MINGLED
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: J. FRANK DEEM
By: [Signature]
Date: 12/21/03

D000 4731
FEB 17 2004

TREATMENT:

- STAGE #1 - ALEXANDER & ELK; (5030'-5255') 16 HOLES; 60,000 # 20/40 SAND, 500 GA, & 816 BBLs 60 QUALITY FOAM
- #2 - BENSON & RILEY: (4658'-4903') 14 HOLES; 30,000 # 20/40 SAND, 750 GA & 526 BBLs 60 QUALITY FOAM
- #3 - RILEY & BALLTOWN: (4002'-4447') 14 HOLES; 5,000 # 80/100 & 25,000 20/40 SAND, 1,000 GA & 615 BBLs 60 QUALITY FOAM
- #4 - WARREN: (3266'-3384') 13 HOLES; 5,000 # 80/100 & 40,000 # 20/40 SAND, 750 GA & 681 BBLs 60 QUALITY FOAM

FORMATIONS:

	DIRT	WATER 50' - 1 1/2"	GAS TEST:
SD	0'-50'		1904' SHOW
SD	50'-74'		2154' SHOW
RR	74'-80'		3308' SHOW
SD	80'-115'		3650' SHOW
SD/SH	115'-143'		4459' 8 MCF
SD	143'-186'		4925' 8 MCF
RR/SH	186'-200'		5205' 8 MCF
SD	200'-229'		5460' 6 MCF
W. SD	229'-235'		
SD	235'-294'		
SD/SH	294'-310'		
SD	310'-330'		
SD/SH	330'-750'		
SH/RR	750'-812'		
SD/SH	812'-1343'		
SD	1343'-1490'		
SD/SH	1490'-1622'		
SD	1622'-1680'		
LIME/SD	1680'-1694'		
SD/SH	1694'-1840'		
LIMEY SD	1840'-1858'		
L. LIME	1858'-1964'		
B. LIME	1964'		
INJUN	2070'		
SD/SH	2070'-3040'		
SD	3040'-3120'		
SD/SH	3120'-3155'		
SD	3155'-3300'		
BRN SD	3300'-3340'		
SH/SD	3340'-3470'		
BR SD	3470'-3485'		
SD/SH	3485'-3700'		
BRN SD	3700'-3740'		
SD/SH	3740'-4800'		
LT BRN SD	4800'-4830'		
SD/SH	4830'-4850'		
BRN SD	4850'-4870'		
SD/SH	4870'-4900'		
BENSON	4900'-4910'		
SD/SH	4910'-5020'		
BRN SD	5020'-5040'		
SD/SH	5040'-5150'		
BRN SD	5150'-5170'		
SD/SH	5170'-5180'		
ALEX	5180'-5260'		
SD/SH	5260'-5460'		RTD