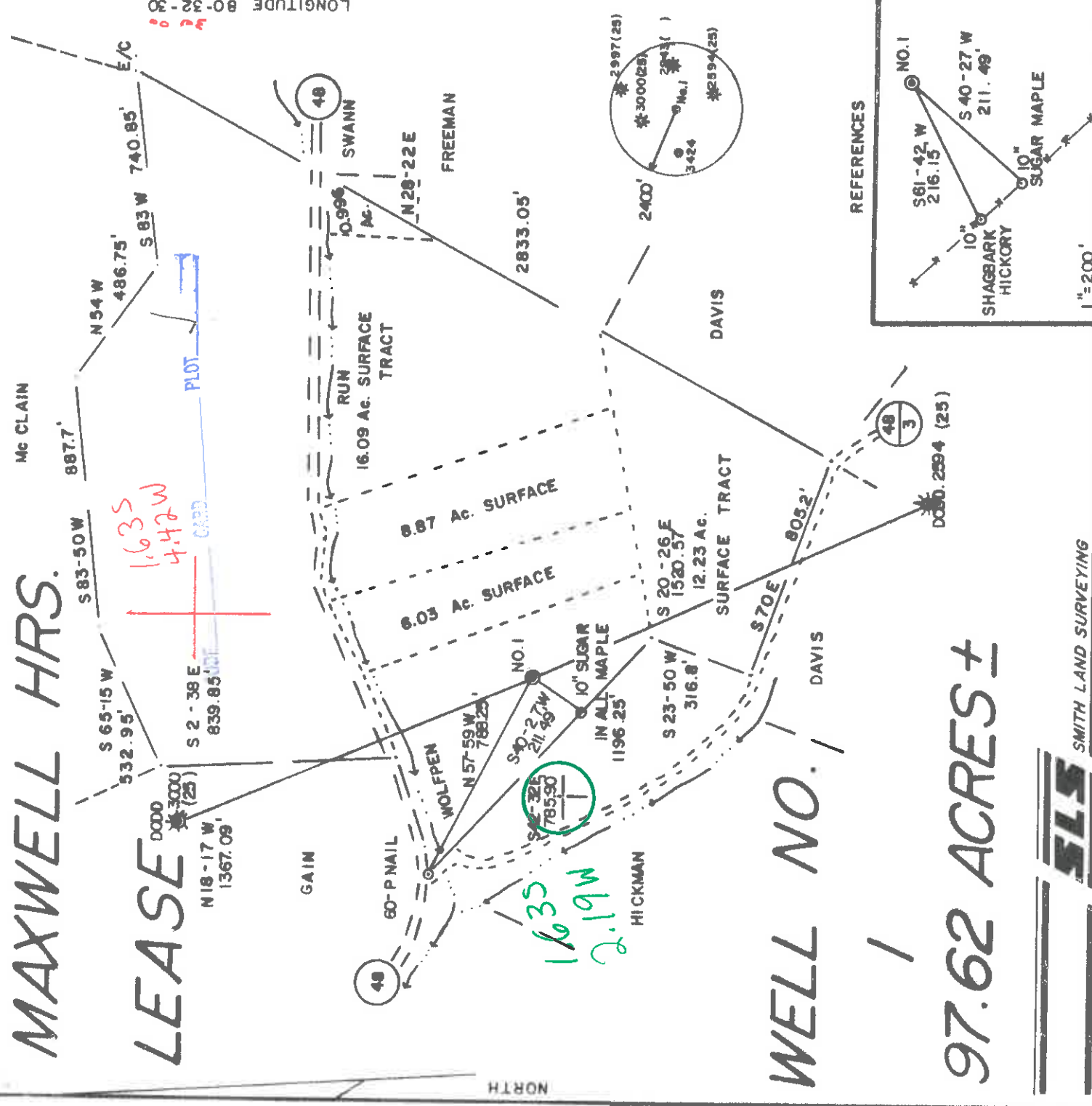


MAXWELL HRS.

LEASE

LATITUDE 39-15-00

LONGITUDE 80-32-30



WELL NO. 1
 97.62 ACRES ±

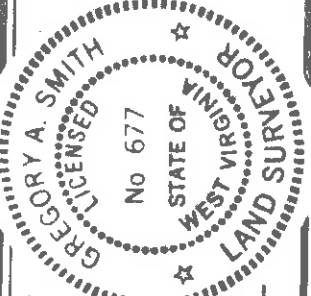


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

DATE APRIL 17, 1985
 OPERATORS WELL NO. 1
 API WELL NO. 47-017-3461
 STATE COUNTY PERMIT

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.

L.L.S. Gregory A. Smith
 677



MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCT OF ROADS ELEV.: 932'
 FILE NO. 18-13 M.P.
 SCALE 1"=500'

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 1082' WATERSHED WOLF PEN RUN
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 SURFACE OWNER OLE MYKEL & CAROLYN A. MOORE
 OIL & GAS ROYALTY OWNER MAXWELL HRS.
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF
 OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

WELL OPERATOR ANYIL OIL CO. INC. 648 DESIGNATED AGENT JUSTIN HENDERSON
 ADDRESS P.O. BOX 2566, CLARKSBURG WY 26304
 COUNTY NAME PERMIT

ADDRESS P.O. BOX 2566, CLARKSBURG, W.V. 26304
 (146)



WR-35 FEB 13 1985

Date 12/3/85
Operator's Well No. #1 Maxwell
Farm Swann
DEPARTMENT OF ENERGY
Oil and Gas Division
API No 47 - 017 - 3461

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

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

LOCATION: Elevation: 1082 Watershed Wolfe Penn Run
District: Greenbrier County Doddridge Quadrangle Big Isaac

COMPANY Anvil Oil Co., Inc.
ADDRESS P.O. Box 2566, Clarksburg, WV 26301
DESIGNATED AGENT Justin L. Henderson
ADDRESS 253 Carr Ave., Clarksburg, WV 26301
SURFACE OWNER Kevin Swann
ADDRESS Rt. 3, Box 101, Salem, WV 26426
MINERAL RIGHTS OWNER Franklin Maxwell Heirs
ADDRESS Robert L. Holland, West Union, WV 26456
OIL AND GAS INSPECTOR FOR THIS WORK Mike
Underwood ADDRESS
PERMIT ISSUED 8/8/85
DRILLING COMMENCED 11/16/85
DRILLING COMPLETED 11/21/85
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size	Used in Drilling in Well	Left in Well	Cement fill up Cu. ft.
20-16 Cord.			
13-10"	39.9	39.9	
9 5/8			
8 5/8	823.2	823.2	210 sks
7			
5 1/2			
4 1/2	5540	5540	365 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth feet
Depth of completed well 5540 feet Rotary X / Cable Tools
Water strata depth: Fresh 113' feet; Salt feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA
Producing formation Alexander, Riley, Benson & Speer
Alex: 5290-5354
Benson: 4952-4962
Gas: Initial open flow show Mcf/d Oil: Initial open flow 3404-4458 Bbl/d
Final open flow 1461 Mcf/d Final open flow show Bbl/d

Time of open flow between initial and final tests hours
Static rock pressure 1725 psig (surface measurement) after 96 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)

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

Alexander: perf. 5290-5354 -15 holes; frac using 260 bbl H2O, 14,000# 80-100 50,000# 20-40 sand, 400 gal acid, 735,000 scf N2
 Benson: perf 4952-4962, 18 holes, frac using 220 bbls H2O, 60,000# 20-40 sand 500 gal acid, 572,000 scf N2
 Balltown, Speechley, Riley: perf 3404-4458, 21 holes, frac using 200 bbls H2O, 40,000# 20-40 sand, 1000 gal acid, 375,000 scf N2

8 1/2" → Riley

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
sand	gray	hard	0	28	
redrock	red	soft	28	40	
sand & shale	gray	hard	40	95	
coal	black	soft	95	98	
shale	gray	med	98	230	
redrock	red	soft	230	260	
shale	gray	hard	260	290	
redrock	red	soft	290	310	
shale	gray	soft	310	340	
redrock	red	soft	340	373	
shale	gray	soft	373	500	
redrock	red	med	500	530	
shale/sand	gray	soft	530	1961	
redrock	red	med	1961	2020	
sand/shale	gray	hard	2020	2136	
littlelime	white	hard	2136	2206	
Biglime	white	hard	2206	2136	
Biginjun	gray	med	2136	4944	gas @ 2744
sand/shale	gray	med	2206	4944	gas @ 4777
Benson	gray	med	4948	4968	gas @ 5099
sand/shale	gray	med	4948	4968	
Benson	gray	med	4968	5284	
shale/sand	gray	med	5288	5284	
Alexander	gray	med	5288	5362	
shale	gray	soft	5362	5555	
			5555		

Top Down 2456'

T.D.

(Attach separate sheets as necessary)

Anvil Oil Co., Inc.
Well Operator

By: 
Date: _____ President

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 all, encountered in the drilling of a well."

