WELL REFERENCES:		LATITUDE	39-32-30
N77-00W, 122' TO FENCE POST		;	SCALED COOR
N30-00W, 154' TO FENCE POST	FIELD		3,205' SOUTH
	. 2 00'		2,555' WEST
	1452.00'		I
DESANTIS	8000,00, M	\z	1115.5
TREATED / /		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	NAD 27:
STAKE	`	X 22°00'00" II	39-31-58.27 79-45-32.53
STAKE 2.117 AC.		\	
	• • • • • • • • • • • • • • • • • • • •	2137.42	集 - ジ
			λ.Ο
	Po.		FIELD
E Political	JAMES T. SYPOLT	· · · · · · · · · · · · · · · · · · ·	, w. *
NORTH E	76.133 AC.	\B_1	
		/32/	<u>.</u> B
		\	M. RECORDI
	No.		18
DESANTIS			
\ .		7058	CLAR
	1 1 26		₩
NOTE NO WEEK C	The state of the s	1452.00'	
NOTE: NO WELLS WITHIN 2,400 FEET.	48°53 111 N 68°0	0'00" E	CLARY
NOTE: THIS LOCATION WAS SURVE TO THE SAME POSITION AS THE 12/	96	NAD 1	27 WV NORTH :
SURVEY WHICH WAS PERMITTED A 041-077-00312.	CORNER POST CLARY	,	= 376,291.96'
(+) DENOTES LOCATION OF WELL ON UNITE		DE JA	1,926,938.17'
FILE NUMBER:			And the second and any
DRAWING NUMBER: <u>DEP7058.PCS</u> SCALE: 1" = 400'	I THE UNDERSIGNED, HEREBY CERTIFY THAT THE TO THE BEST OF MY KNOWLEDGE AND BELLEF A INFORMATION REQUIRED BY LAW AND THE REG	AND SHOWS ALL THE JULATIONS ISSUED AND	S. C. W.
MINIMUM DEGREE OF ACCURACY:1 IN 2500	PRESCRIBED BY THE DEPARTMENT OF ENERGY.	,	± stephen t Losti
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 05/08/01	()	\mathcal{I}_{i}	NO. 674
SUBMETER SYSTEM	(SIGNED) STEPHEN D. LOSH, P.	S. #674	Kd Salum Mires W.
STATE OF WEST VIRGINIA	LAND SURVEYING SERVICES	DATE: MAY 09	PLACE SEAL H 9, 2001
DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS FORM WW-6 #10 McJunkin road	21 CEDAR LANE, BRIDGEPORT, WV 26330 PIIONE: 304-842-2018 OR 842-5762	OPERATORS WELL NO.:	
NITRO, WV 25143-2506		API WELL NO. 47 — 077 —	00227
WELL TYPE:OIL GAS X LIQUID INJEGATE (IF "GAS") PRODUCTION X S	CTION WASTE DISPOSAL TORAGE DEEP SHALLOW X	STATE COUNTY	PERMIT
LOCATION: ELEVATION 1958.41' WATE	RSHED BULL RUN		0 312?
DISTRICT VALLEY QUADRANGLE MA	ASONTOWN COUNTY	PRESTON LEASE NUMBER	65651
SURFACE OWNERJAMES T. SY	POLT	ACREACE	76 13
	ELSIE F. DESANTIS HEIRS	LEASE ACREAGE_	248.00
PROPOSED WORK: DRILL X CONVERT PERFORATE NEW FORMAT	DRILL DEEPER REDRILL FRACTURE ION OTHER PHYSICAL CHANGE (SPECIF	OR STIMULATEPLUG O	FF OLD FORMATION
TANIE CHARLE HAVE LORINGE	CERTHIUD (UI DUIT	.,	

Rev (5-01)

DATE: 12/20/2002 API#: 47 077 00327

State of West Virginia Department of Environmental Protection Office of Oil and Gas

Well Operator's Report of Well Work

District: Valley	Com	nty: Preston		
Latitude: 3,205 Feet South of 39 Deg.	32 Min 30	nty. <u>Flesion</u>		
Longitude 2,555 Feet West of 79 Deg. 45			•	
			•	
Company: Dominion Exploration & Production, Inc		1	l r ce e un	la em
	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248				
Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Randal Mick				
Date Permit Issued: 06/10/2002				
Date Well Work Commenced: 11/15/2002	9 5/8"	421	42'	Sand In
Date Well Work Completed: 12/02/2002				
Verbal Plugging: N/A	7"	929'	929'	135 sks
Date Permission granted on: N/A				
Rotary X Cable Rig	4 1/2"	3867'	2867 '	275 sks
Total Depth (feet): 3900'				A STATE OF THE PARTY OF THE PAR
Fresh Water Depth (ft.): N/A				
			O mpara Eyes	The second
Salt Water Depth (ft.): N/A				
			JAN	5 0003
Is coal being mined in area (N/Y)? N			20113 "	
Coal Depths (ft.): N/A			WV D:	the standing of
OPEN FLOW DATA			Environm	011
Riley Producing formation Balltown	D	14- (G)	3656-367	0.1
				2'
	initial open ti	t v wor	3DI/Q	
Gas: Initial open flow Odor MCF/d Oil:	-		1 1 / 1	
Final open flow 219 MCF/d F	inal open flow	/ <u> </u>		
Final open flow 219 MCF/d F Time of open flow between initial and i	inal open flow	7 0 B	rs	
Final open flow 219 MCF/d F	inal open flow	7 0 B	rs	
Final open flow 219 MCF/d F Time of open flow between initial and to Static rock Pressure 920 psig (surface	inal open flow final testsee pressure) af	/ 0 B 12 Hour ter 12 Ho	rs urs	
Final open flow 219 MCF/d F Time of open flow between initial and to Static rock Pressure 920 psig (surface) Second producing formation Speechle	inal open flow final tests_ ee pressure) af	0 B 12 Hour ter 12 Ho ne depth (ft) 2	rs urs <u>784-2</u> 793	
Final open flow 219 MCF/d F Time of open flow between initial and f Static rock Pressure 920 psig (surface Second producing formation Speechle Gas: Initial open flow * MCF/d Oil:	inal open flow final tests ee pressure) af y Pay zoo Initial open fl	0 B 12 Hour ter 12 Ho ne depth (ft) 2 low * 1	rs urs <u>784-2</u> 793' 3b1/d	
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WELL 7058

12/02/2002 PERFED, GEL FRACED AS FOLLOWS:

12/03/2002

Fill

LTD

RILEY - 3656'-3670' (19 HOLES), BD 1910#, AVG RATE 16, AVG PRES 1654#, 386 BBL, 25,100# SAND, ISIP 1450#

BALLTOWN - 2970'-3012' (22 HOLES), BD 2100#, AVG RATE 16, AVG PRES

1676#, 406 BBL, 30,000# SAND

ISIP 1260#

SPEECHLEY - 2784'-2793' (20 HOLES), BD 2500#, AVG RATE 16, AVG PRES

40

39061

1703#, 305 BBL, 16,000# SAND,

0

ISIP 1420#

1 111	U		40	
Shale	40		50	
Shale	50		80	
Shale	80		110	
	110		140	
Shale	140		170	
Shale	170		200	
Shale	200		230	
Shale/Sand	230		260	
Sand	260		290	
Sand	290		320	
Sand/Shale	320		350	
Sand	350		380	
Sand	410		440	
Sand/Shale	560		590	
Sand/Shale/RR	680		710	
RR	710		740	
Shale/RR	740		770	
Lime/R Shale	830		848	
FORMATION TOPS				
Big Lime	484		1022	
Big Injun	1022		1062	
Weir	1113		1256	
Gantz	1349		1366	
50 Foot/30 Foot			1573	
4th Sand	1936		1955	
Bayard Group	2155		2229	
Speechley Group			2844	
Balltown Group	2960		3020	
Riley	3650	•	3676	