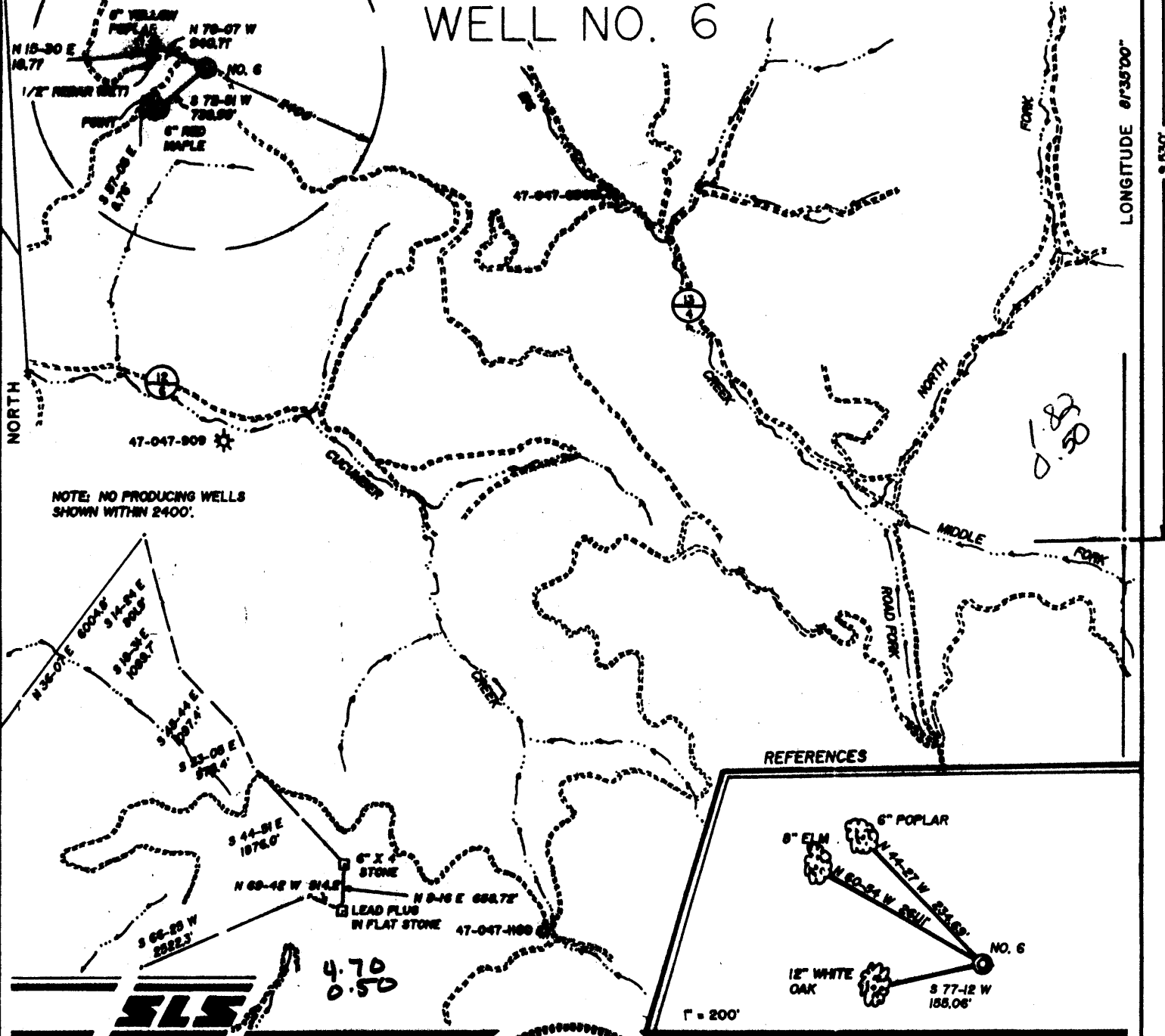
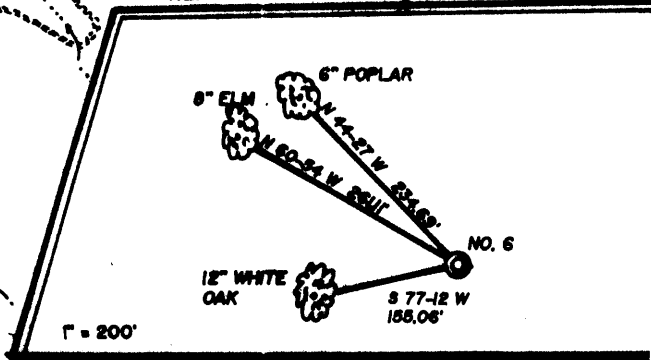


LATITUDE 37°17'30"

# POCAHONTAS LAND COMPANY LEASE PYO 19,500 ACRES± WELL NO. 6

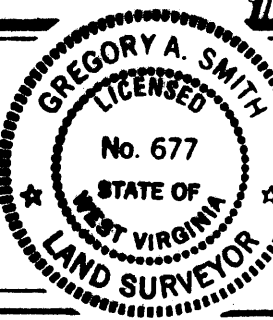


### REFERENCES



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 ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

L.L.S. Gregory A. Smith  
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE AUGUST 12, 19 93  
 OPERATORS WELL NO. POCA NO. 6  
 API WELL NO. 47 - 047 - 1203  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2921 (4-76)  
 PROVEN SOURCE OF ELEVATION TOP OF KNIFE ELEVATION 2532' SCALE 1" = 2000'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



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

LOCATION: ELEVATION 2180' WATERSHED CHUMBER CREEK  
 DISTRICT BIG CREEK COUNTY MCDWELL QUADRANGLE GARY 7.5'

SURFACE OWNER POCAHONTAS LAND COMPANY (DONALD D. SMITH) ACREAGE 899.66 Welch SC  
 ROYALTY OWNER POCAHONTAS LAND COMPANY (DONALD D. SMITH) LEASE ACREAGE 899.66 OF 19,500

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
 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) \_\_\_\_\_ TARGET FORMATION DEVONIAN SHALE  
 ESTIMATED DEPTH 6500'

WELL OPERATOR PHOENIX DIVERSIFIED VENTURES Inc. 4554 DESIGNATED AGENT TOM DUNN SEP 16 1993  
 ADDRESS P.O. BOX 428 BUCKHANNON, WV 26201 ADDRESS P.O. BOX 428 BUCKHANNON, WV 26201

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

Well Operator's Report of Well Work

Farm name: POCAHONTAS LAND CORP. Operator Well No.: POCA LAND # 6

LOCATION: Elevation: 2,180.00 Quadrangle: GARY

District: BIG CREEK County: MCDOWELL  
Latitude: 9530 Feet South of 37 Deg. 37Min. 30 Sec.  
Longitude 210 Feet West of 81 Deg. 35 Min. Sec.

Company: PHOENIX DIVERSIFIED VENTU  
P. O. BOX 428  
BUCKHANNON, WV 26201-0428

Agent: THOMAS B. DUNN

Inspector: OFIE HELMICK  
Permit Issued: 09/15/93  
Well work Commenced: 09/27/93  
Well work Completed: 10/05/93  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary x Cable \_\_\_\_\_ Rig  
Total Depth (feet) 7070'  
Fresh water depths (ft) \_\_\_\_\_  
None  
Salt water depths (ft) 930'  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 225-229

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
11-3/4"	638	638	C.T.S.
8-5/8"	1,424	1,424	C.T.S.
4-1/2"		7,025	585 Sk.

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) see treatme  
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 412 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 1230 psig (surface pressure) after 48 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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.

For: PHOENIX DIVERSIFIED VENTURES, INC.

By: [Signature]

Date: October 15, 1993

FEB 07 1994

1st Stage: Devonian Shale (6949-6461) 1,000 gal 15% HCL, 40 ton CO<sub>2</sub>, 800 Mcf N<sub>2</sub>  
 2nd Stage: Devonian Shale (6312-6125) 750 gal 15% HCL, 40 ton CO<sub>2</sub>, 800 Mcf N<sub>2</sub>  
 3rd Stage: Devonian Shale (5809-4786) 750 gal 15% HCL, 40 ton CO<sub>2</sub>, 800 Mcf N<sub>2</sub>

Sand, Shale	0	225	
Coal	225	229	
Sand, Shale	229	430	
Sand, Shale, Red Rock	430	2053	Damp @ 930'
Sand, Shale	2053	2931	
Big Lime	2931	3699	
Sand, Shale	3699	4325	
Berea	4325	4350	
Shale	4350	4412	
Gordon	4412	4459	
Shale	4459	5727	
Huron Shale	5727	5881	
Shale	5881	6431	
Rhinestreet Shale	6431	7014	
Shale	7014	7070	T. D.