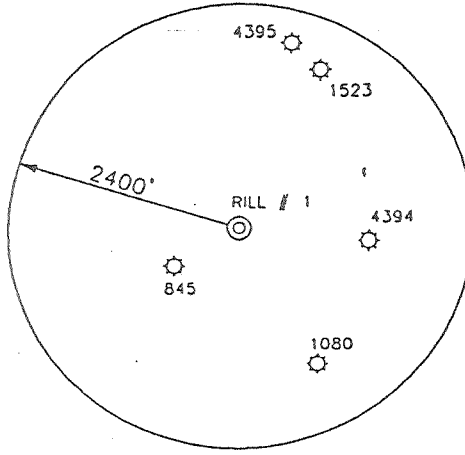
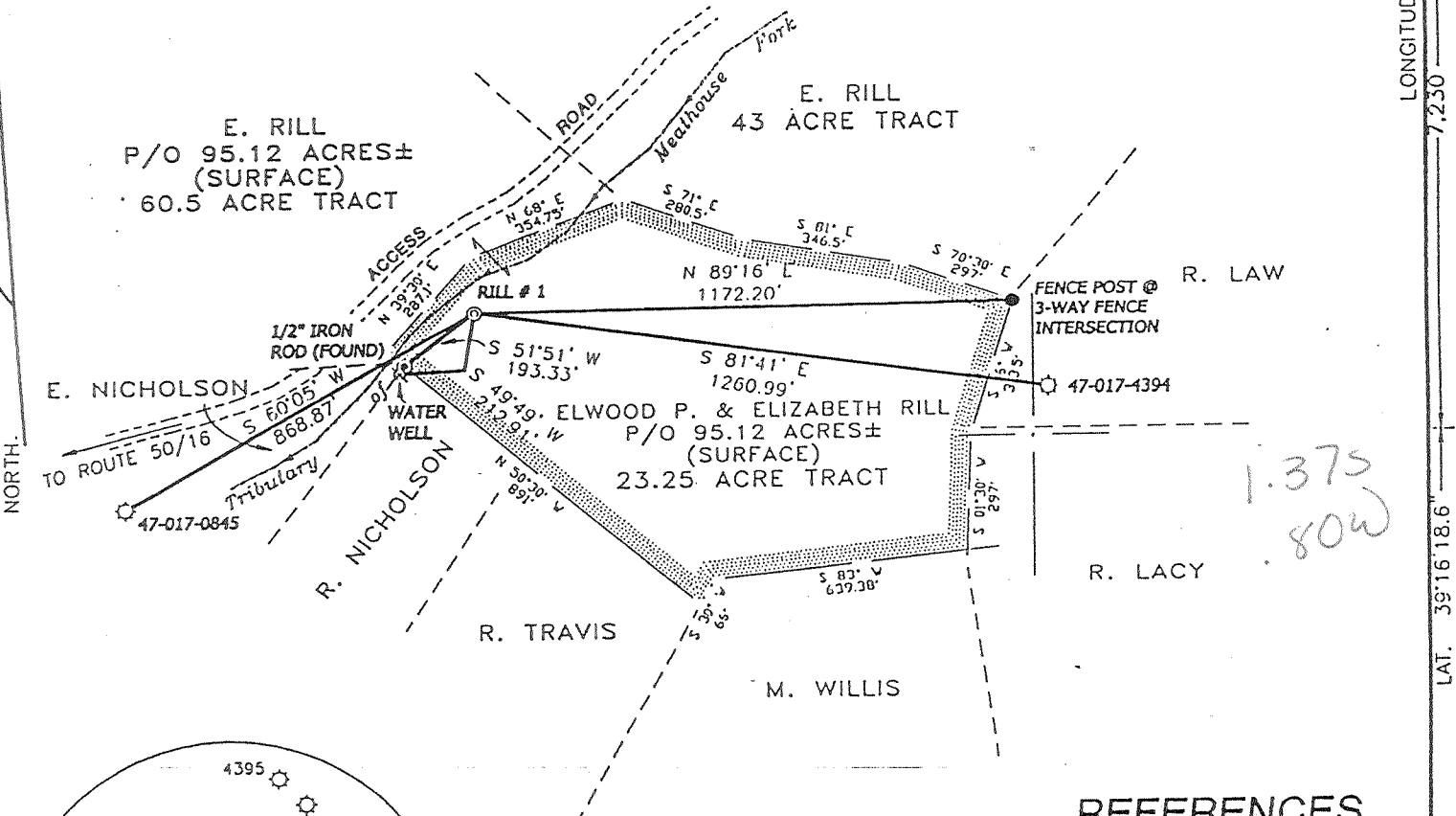


RILL LEASE

23.25 ACRES±

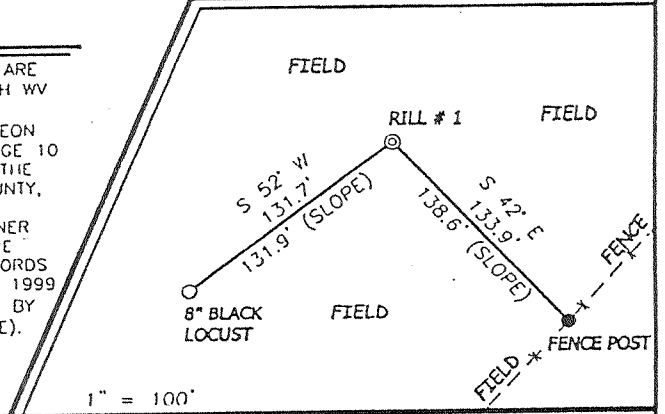
WELL # 1



NOTES ON SURVEY

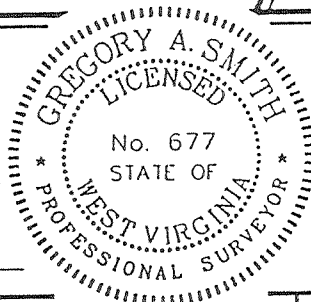
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3. SURFACE OWNERS AND ADJOINER INFORMATION OBTAINED FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN FEBRUARY 1999
4. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

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 ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENERGY.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE FEBRUARY 24, 19 99
 OPERATORS WELL NO. RILL # 1
 API WELL NO. 47-017-04524
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4141P1 (73-3)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1343' SCALE 1" = 400'

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

WELL TYPE : OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
 LOCATION : ELEVATION 955' WATERSHED TRIBUTARY OF MEATHOUSE FORK
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'
 SURFACE OWNER ELWOOD P. & ELIZABETH RILL ACREAGE 95.12
 ROYALTY OWNER RICHARD WILSON LEASE ACREAGE 23.25
 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 ALEXANDER
 ESTIMATED DEPTH 5300'

WELL OPERATOR COBHAM GAS INDUSTRIES, INC. DESIGNATED AGENT RICK UNDERWOOD
 ADDRESS P.O. BOX 1697 CLARKSBURG, WV 26302 ADDRESS P.O. BOX 1697 CLARKSBURG, WV 26302

66 99

AUG 23 1999

LONGITUDE 80°42'30" 7.250'
 LAT. 39°16'18.6"
 COUNTY NAME DODD
 PERMIT 11524

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed ALH

Farm name: RILL, ELWOOD & ELIZABETH Operator Well No.: MOORE #1

LOCATION: Elevation: 955.00 Quadrangle: SMITHBURG

District: NEW MILTON County: DODDRIDGE
Latitude: 7230 Feet South of 39 Deg. 17Min. 30 Sec.
Longitude: 4240 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: COBHAM GAS INDUSTRIES, IN
P. O. BOX 1697
CLARKSBURG, WV 26302-1697

Agent: RICK UNDERWOOD

Inspector: MIKE UNDERWOOD
Permit Issued: 08/18/99
Well work Commenced: 11/29/00
Well work Completed: 12/4/00
Verbal Plugging
Permission granted on:
Rotary X Cable Rig
Total Depth (feet): 5100
Fresh water depths (ft) 50; 290
Salt water depths (ft) None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	30	30'	None
11 3/4	132.6	132.6	To Surface 75skS
8 5/8	1105	1105	To Surface 253skS
4 1/2	5059	5059	1600 Fill 260skS

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 287-290

OPEN FLOW DATA

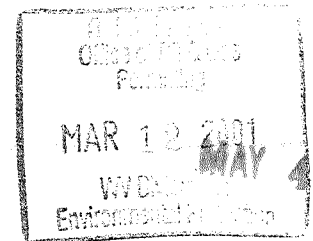
Producing formation Riley Pay zone depth (ft) 4204-4210
Gas: Initial open flow 230 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 760 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 144 Hours
Static rock Pressure 1100 psig (surface pressure) after 120 Hours

Second producing formation Benson/Alexander Pay zone depth (ft) 4660-64:4950-5000
Gas: Initial open flow 230 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 760 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 144 Hours
Static rock Pressure 1100 psig (surface pressure) after 120 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.

*Comingled Production

For: COBHAM GAS INDUSTRIES, INC.
By: [Signature]
Date: 3/8/01



0000 4524

FRACTURING RECORD

)Alexander 4956-93 (20 shots) Foamed Cross Link; 5000lb 80/100; 35,000lb 20/40: 500 gal HCL
)Benson 4660-65 (20 shots) Foamed Cross Link; 5000lb 80/100; 35,000lb 20/40: 500 gal HCL
)Riley 4204-09 (20 shots) Foamed Cross Link; 5000lb 80/100; 35,000 lb 20/40: 500 gal HCL

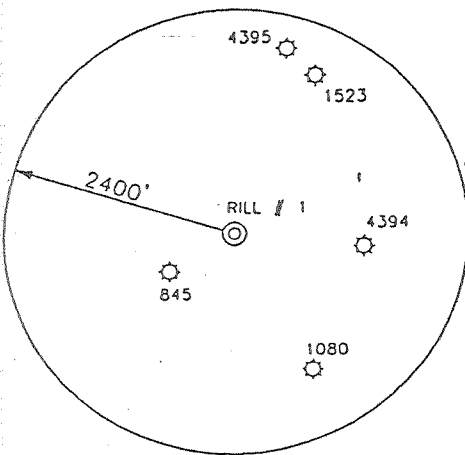
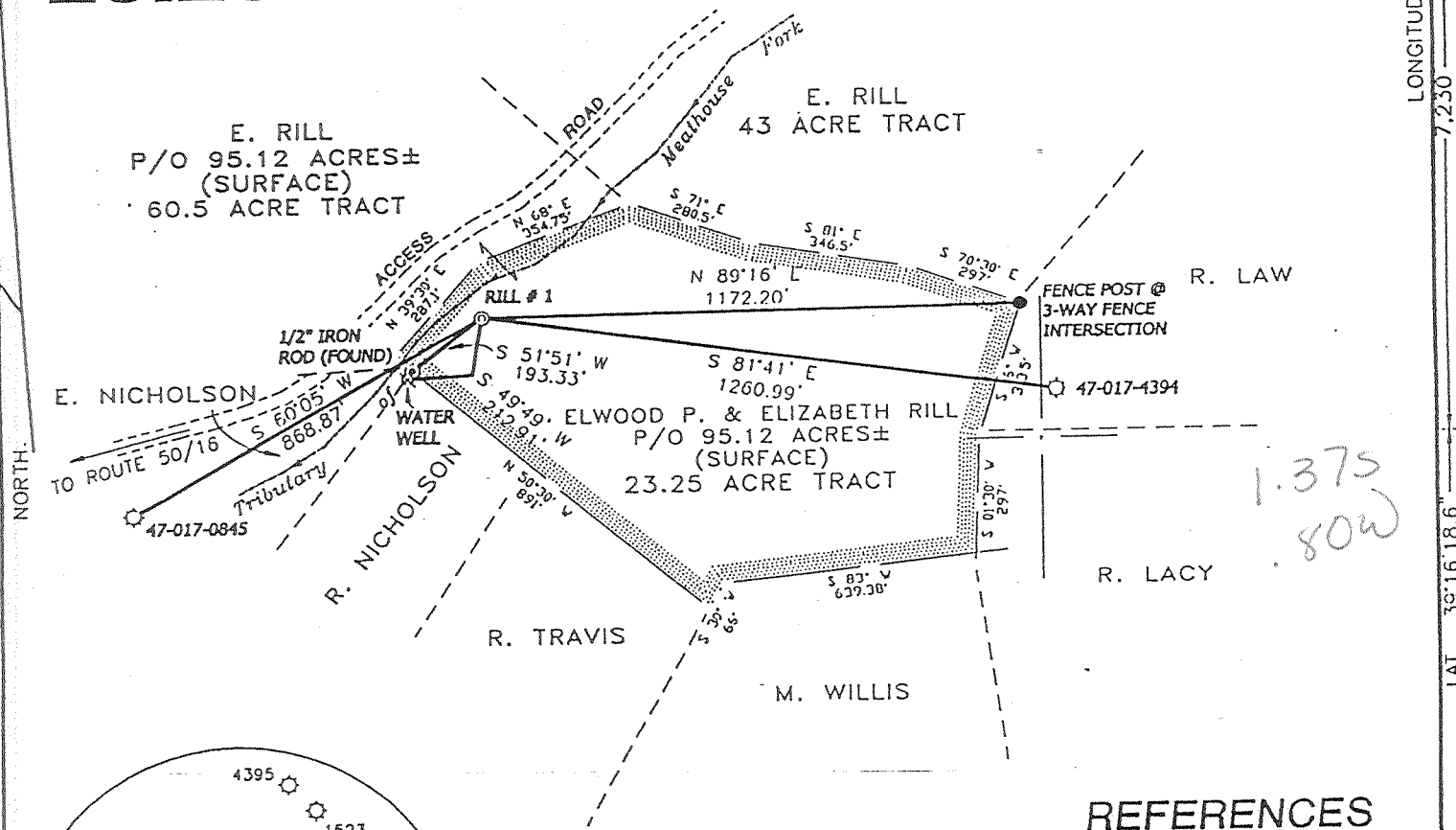
FORMATIONS						
NAME	TOP	BOTTOM	GAS AT	OIL AT	WATER AT (FRESH OR SALT WATER)	SOURCE OF DATA
Sand & Shale	0	90			50' DAMP	Driller's Log
Red Rock	90	111				
Sand	111	206				
Sand & Shale	206	287				
Coal	287	290			1/2" Stream @	
Sand & Shale	290	400			290	
Red Rock	400	452				
Sand & Shale	452	800				
Sand	800	950				
Sand & Shale	950	1560				
Little Lime	1560	1570				Open Hole Log
Shale	1570	1580				
Big Lime	1580	1670				
Big Injun	1670	1770	104mcf	@1765		
Shales	1770	1920				
Weir	1920	2010				
Shale	2010	2135				
Berea	2135	2142				
Shales	2142	2335				
Gordons	2335	2365	Gas check	2408 @	239 mcf	
Shales	2365	3010				
Speechley	3010	3060				
Shales	3060	3750				
Sand	3750	3780				
Shales	3780	4100				
Rileys	4100	4220				
Shales	4220	4660				
Benson	4660	4685	Gas Check	4675 @	239 mcf	
Shales	4685	5000				
TD	5000		Gas Check	TD @	189 mcf	

LONG. 80°43'24.1" 4.240' LATITUDE 39°17'30"

RILL LEASE

23.25 ACRES±

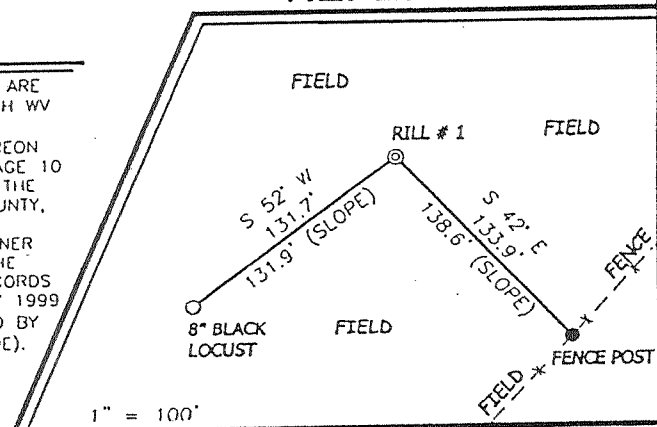
WELL # 1



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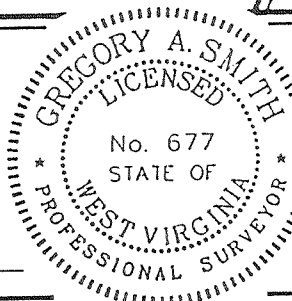
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