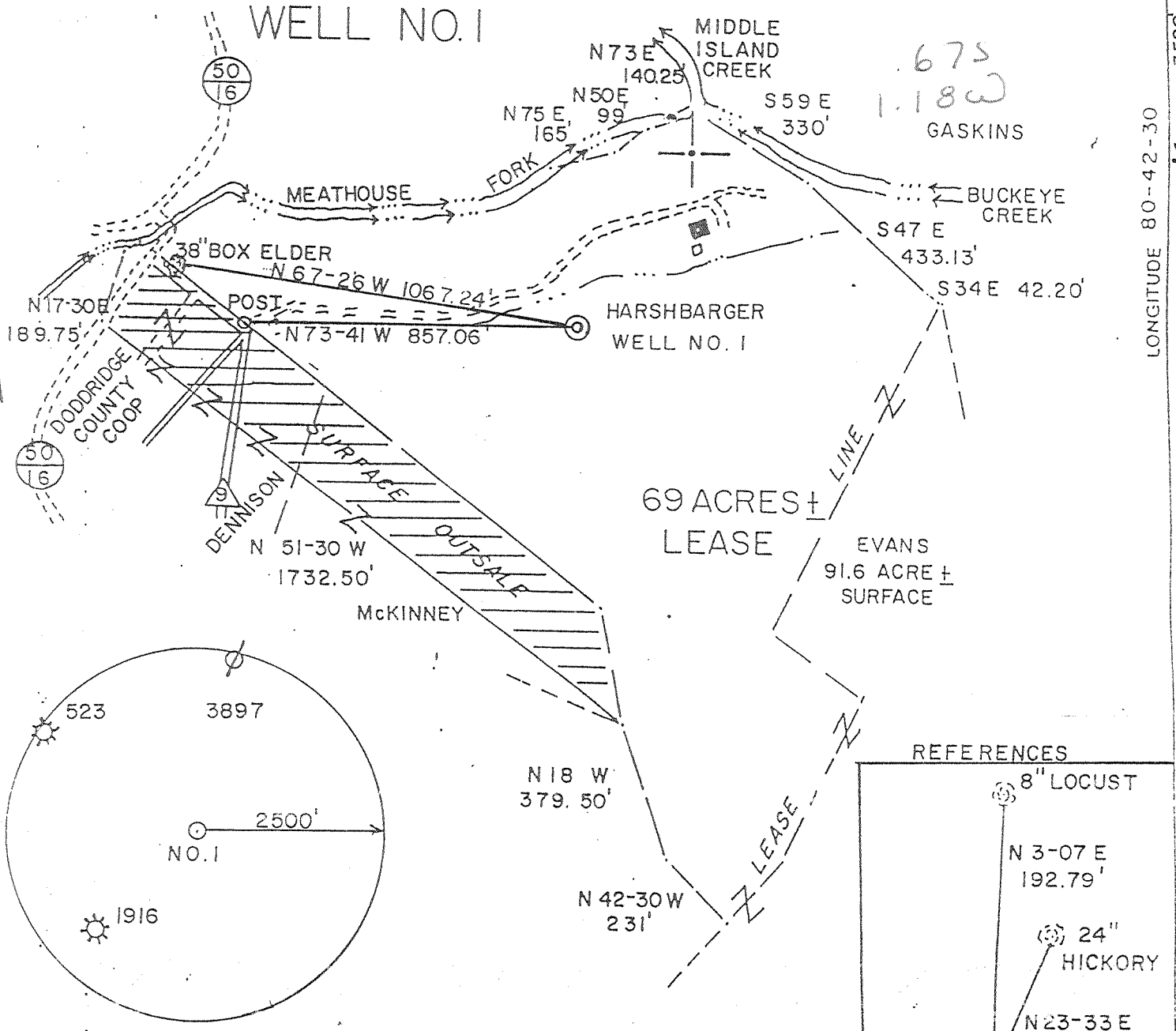


HARSHBARGER LEASE

LATITUDE 39-17-30

LONGITUDE 80-42-30

WELL NO. 1



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 796'

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.

(SIGNED) M. Allen John
 R.P.E. _____ I.L.S. 959

PLACE SEAL HERE

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

DATE FEB. 25, 1999
 OPERATOR'S WELL NO. HARSHBARGER NO. 1
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1000' WATERSHED MEATHOUSE FORK
 DISTRICT WEST UNION COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER CLARENCE D. EVANS & MELLIE M. POWELL ACREAGE/P/O 91.6
 OIL & GAS ROYALTY OWNER NELL JONES HARSHBARGER et al LEASE ACREAGE 69
 LEASE NO. WV 02841

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT JOHN PALETTI
 ADDRESS 501 56th STREET CHARLESTON, WV 25304 ADDRESS P.O. BOX 820 GLENVILLE, WV 26351

JUN 01 1999

COUNTY NAME DODD
 PERMIT 4517

6-6 99

AG

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

Farm name: EVANS & POWELL Operator Well No.: HARSHBARGER #1

LOCATION: Elevation: 1000.00 Quadrangle: SMITHBURG
District: WEST UNION County: DODDRIDGE
Latitude: 3,520 Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 6240 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: EASTERN AMERICAN ENERGY CORPORATION
P O BOX 820
GLENVILLE WV 26351

Agent: JOHN PALETTI

Inspector: MIKE UNDERWOOD

Permit Issued: 05/25/99

Well work commenced: 06/10/00

Well work completed: 06/22/00

Verbal plugging

permission granted on:

Rotary X Cable Rig

Total Depth (feet) 5103'

Fresh water depths (ft) 95'

Salt water depths (ft) NONE

Is coal being mined in area? (Y/N) N

Coal Depths (ft) none

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft.
11-3/4"	25'	25'	Sanded in
8-5/8"	839'	839'	220 sxs
4-1/2"		5066.7'	450 sxs

OPEN FLOW DATA

Producing Formation ALEXANDER Pay zone depth (ft) 5045' - 4976'

Gas: Initial open flow 377 MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 231 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests 72 Hours

Static rock pressure 100 psi (surface pressure) after 72 Hours

2nd Producing Formation BENSON/3RD RILEY zone depth (ft) 4625' - 4517'

3rd Producing Formation RILEY zone depth (ft) 4256.5' - 4244'

4th Producing Formation GORDON zone depth (ft) 2411' - 2386'

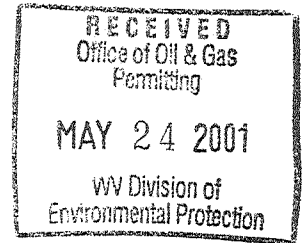
5th Producing Formation BEREA zone depth (ft) 2179' - 2162'

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.

JOHN PALETTI, AGENT

For: EASTERN AMERICAN ENERGY CORPORATION

By: John Paletti/k 81
Date: MAY 22, 2001



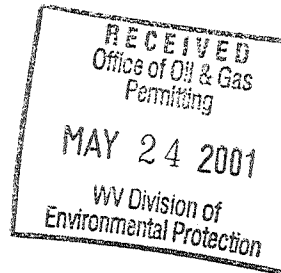
MAY 25 2001

Dodd 4517

HARSHBARGER #1 WR35

FORMATION, COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET	<u>REMARKS</u>
Clay, Fill	0	15	
Sandy Shale	15	155	Damp at 95'
Shale	155	260	
Sand	260	330	
Shale	330	445	
Sandy Shale	445	600	
Green Shale	600	700	
Shale	700	980	
Red Rock	980	1000	
Shale	1000	1135	
Sandy Shale	1135	1200	
Shale	1200	1600	
Sand & Shale	1600	1627	
Blue Mondy	1627	1641	
Big Lime	1641	1718	
Keener	1718	1759	
Big Injun	1759	1811	
Shale	1811	1904	
Weir	1904	2047	
Shale	2047	2165	
Berea	2165	2180	
Shale	2180	2354	
Gordon	2354	2412	
Shale with trace Siltstone	2412	3062	
Warren	3062	3082	
Shale	3082	3100	
Speechley	3100	3190	
Shale with trace Siltstone	3190	4238	
Riley	4238	4293	
Shale with some Siltstone	4293	4607	
Third Riley	4607	4661	
Shale	4661	4709	
Benson	4709	4749	
Shale with trace Siltstone	4749	4965	
Alexander	4965	5061	
Shale	5061	5103	
TD		5103	

Gas checks from 1500' to 4950' were non-measurable.



MAY 25 2001

STAGE ONE: ALEXANDER

16 holes (5045' - 4976')
333-bbl 25# cross link fluid and 35,600# 20/40 sand. Breakdown occurred at 2380 psi.

STAGE TWO: BENSON/3RD RILEY

12 holes (4625' - 4517')
269-bbl 25# cross link fluid and 25,300# 20/40 sand. Breakdown occurred at 2041 psi.

STAGE THREE: RILEY

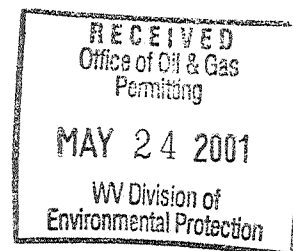
10 holes (4256.5' - 4244')
299-bbl 25# cross link fluid and 30,700# 20/40 sand. Breakdown occurred at 1933 psi.

STAGE FOUR: GORDON

14 holes (2411' - 2386')
257-bbl 25# cross link fluid and 25,500# 20/40 sand. Breakdown occurred at 2700 psi.

STAGE FIVE: BERA

12 holes (2179' - 2162')
253-bbl 25# cross link fluid and 25,600# 20/40 sand. Breakdown occurred at 2565 psi.



MAY 25 2001

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