

6-6

Stanley

1090)

RECEIVED

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Reviewed.

DEPT. OF ENERGY Well Operator's Report of Well Work Recorded

Farm name:

RICE, BOWARD V Operator Well No.: KEYSTONE/REED 2

LOCATION:

Elevation: 1043.00 Quadrangle: WEST UNION

District: CENTRAL

County: DODDRIDGE

Latitude: 12800 Feet South of 39 Deg. 20Min. 0 Sec. Longitude 11730 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: EASTERN AMERICAN ENERGY C

P. O. BOX N

GLENVILLE, WV 26351-0000

Agent: DONALD C. SUPCOE

Inspector: MIKE UNDERWOOD

Permit Issued: 07/29/91 Well work Commenced: 08/27/91

Well work Commenced: Well work Completed:

09/06/91

Verbal Plugging

Permission granted on: N/A

Rotary X Cable Rig
Total Depth (feet) 5450'

Fresh water depths (ft) 82', 450'

Salt water depths (ft) 1485

Is coal being mined in area (Y/N)? N Coal Depths (ft): 95-98:

Casing	Used in	Left	Cement	
Tubing	Drilling	in Well	Fill Up Cu. Ft.	
Size	TO THE PARTY WHITE STATE			
8-5/8"	1124	1124	CTS	
4-1/2"		5267	384	
1-1/2"		5099		
Processor occurrence of the contraction of the cont				

OPEN FLOW DATA

5159 -Producing formation Alexander/Riley Pay zone depth (ft) 4459

Gas: Initial open flow 421 MCF/d Oil: Initial open flow N/A Bbl/d Final open flow 353 MCF/d Final open flow N/A Bbl/d Fina

Time of open flow between initial and final tests 6 Hou:s

Static rock Pressure 750 psig (surface pressure) after 24

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

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: EASTERN AMERICAN ENERGY CORP.

By: Ronald L. Rech, Regional Drilling Manager Date: February 24, 1992

Hou:s

Alexander - (20 holes from 5159-5146) Fraced w/70 quality foam, 30 lbs. gel/1000 gals, 45,000 lbs. 16/30 sand, 500 gals. 15% HCI acid and 582,500 SCF of $\rm N_2$

Riley - (20 holes from 4487-4459) Fraced w/70 quality foam, 30 lbs. gel/1000 gals., 33,000 lbs. 20/40 sand, 500 gals. 15% HCI acid and 513,000 SCF of $\rm N_2$

WELL LOG

		•	
			REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh
,			and salt water, coal, oil and gas
Redrock and Clay	. 0	42	
Sand and Shale	42	59	- Average of the second
Sand and Shale Sand	i i		Damp @ 82'
Coal	59	95	Coal
	95 98	98 .	1/4" stream water @ 95'
Sand and Shale		125	1/4 Stream water & 95
Redrock	1.25	130	
Sand and Shale	130	204	1/2" stream water @ 450'
Sand, Shale and Redrock	204	700	1/2 Stredit water 6 450.
Redrock and Shale	700.	897	
Sand	897	923	
Sand and Shale	923	1370	
Sand	1370	1440	
Sand and Shale	1440	1770	Damp @ 1485'
Maxton	1770	1832	Oil odor @ 1834'
Shale	1832	1840	
Little Lime	1840	1860	
Pencil Cave	1860	1882	
Big Lime	1882	1940	. ,
Big Injun	1940	2020	,
Shale	2020	2200	*
Weir	2200	2312	
Shale	2312	2388	
Berea	2388	. 2392	•
Sand and Shale	2392	3300	
Warren	3300	3351	2725
Sand and Shale .	3351	4452	3725! - no show
Riley	4452	4490	3916' - 10/10 - 1" w/w (33mc
Sand and Shale	4490	4860	4234' - 10/10 - 1" w/w (33mc
Benson	4860	4864	4773' - 10/10 - 1" w/w (33mc:
Sand and Shale	4864	5100	4899' - 10/10 - 1" w/w (33mc
Alexander	5100	5182	5245' - 10/10 - 1" w/w (33mc
Shale	5182	5450	TD - 10/10 - 1" w/w (33mcf)
TD > 424		5450	DC - 10/10 - 1" w/w (33mcf)
·			
E.	. 4		
p.	. 1	1	

RECEIVED

FORM WW-2B

Ree(s) paid:

JUL 11 1991

DEPT. OF ENGRGY STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL

0/7-3900 Issued 07/29/91 Page 3 of 8 Expres 07/29/93 AND GAS

WELL WORK PERMIT APPLICATION

1)	Well Ope	erator:_	Eastern A	merican Ene	rgy Corporatio	on 14980 ((1) 670	
2)	Operator	r's Well	Number:_	Keystone/Ree	ed #2 WVDODC	002802 3) E	levation: 104	3
4)	Well typ	oe: (a)	Oil_/	or Ga	s XX/			
		(b)	If Gas:	Productio Dee	n <u>XX</u> / Underg P/	round Storac		
5)	Proposed Target Formation(s): Alexander							
6)	Proposed Total Depth: 5350' feet							
7)	Approxim	nate fres	h water s	strata dep	ths: 123', 3	83', 978'		
8)	Approxim	nate salt	.water de	pths:	1463'			
9)	Approxim	nate coal	seam dep	oths:	79"-82"			
10)) Does land contain coal seams tributary to active mine? Yes/ No_XX/							
11)								
12)								
			CASIN	G AND TUBI	NG PROGRAM			
TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT								
e.		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)	
Condu	ctor	11-3/4"	F-25	32.0	180'	يام	C.T.S.	
resh	Water	8-5/8"	F-25	20.0	1120'	(チ) [・] 1120'	C.T.S. 38CSR18-11.3	
<u>coal</u>							38CSR18-11.2	2
nter	mediate		.					
rodu	ction	4-1/2"	J-55	10.5	5265'	5265'	38CSR18-11.1	
<u>'ubin</u>	g		No. CO., CO. AND THE WOOD OF LIVE AN ADMINISTRATION OF THE WOOD OF					
iner	iners							
ACKERS : Kind								
Sizes								

For Divison of Oil and Gas Use Only

Reclamation, Fund

Form	-1 of <u>8</u> WW2-A 87)	JUL 11 1991	2) Operator Keystone 3) API Well		
		NOTICE AND APPLICAT	TION FOR A WELL	WORK PERMIT	
	(a) Name Address (b) Name Address	wner(s) to be served Edward V. Rice 1264 Harriets Bluff Woodbine, GA 31569	i: 5) (a) C	oal Operator: one Owner(s) with Declaration one	
	(C) Name				
	Address		Name Address		
6)	Addrace	Mike Underwood Rt. 2, Box 135 Salem WV 26426	(c) Coal	Lessee with Declaration	
	Telephone	Salem, WV 26426 (304)- 782-1043	Address		
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR XXX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2) I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 8 on the above named parties, by: Personal Service (Affidavit attached) XXX Certified Mail (Postmarked postal receipt attached) Publication (Notice of Publication attached)					
famil attac respo is tr	Te terms and I certify liar with the character and the consible for the court and the	under penalty of lambde information submit that based on my cobtaining the information submit that based on my cobtaining the information submit that there are significantly and complete. Well Oper By:	permit issued we that I have nitted on this inquiry of the example of the permit permi	38 CSR 11-18, and I agree under this application. personally examined and am application form and all se individuals immediately ieve that the information ties for submitting false and imprisonment. MERICAN ENERGY CORPORATION John M. Paletti	
			Designated Agent		
		Address _	501 56th Street Charleston, WV	25304	
		Telephone	(304) 925-61		
Subsc	ribed and	sworn before me thi		July , 19 91	
My cc	luct ommission e	are the first 2. 1	993	Notary Public	
				The state of the s	