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I NO212 ET AL	
Michon 18 J. J. GRAHAM 128 OC. 16 Ch. Oak	
N3'06 E 2032.8)
Elev: 1073	
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Joseph Stoffe Co. 3. 5. L. H. Straley	-
Are	
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New Location	
Drill Deeper Abandonment	
Abalidoliment	
Company AMERICAN MUTUAL OIL CO. STATE OF WEST VIRGIN	11.6
Address 380 Trave Center Bido 1640 Court Pl. Denver 2. Colo DEPARTMENT OF MINES	
OIL AND GAS DIVISIO	N
Tract Acres /28 Lease No	
Well (Farm) No. One Serial No. WELL LOCATION	MAP
779	
Lievation (Opinit Level)	
Quadrangle <u>Vadis</u> + Denotes location of well on Unit	
County <u>Daddridge</u> District <u>Cove</u> Topographic Maps, scale 1 to 62	
Engineer itude and longitude lines being re by border lines as shown.	presentea
Engineer's Registration No. 1227	anda - 11 -
	orger line
File NoDrawing No Denotes one inch spaces on b of original tracing.	

TRACING CLOTH T.M.

6-6 142



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION 7

Quadrangle	Wadis
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Permit No. DOD-779

WELL RECORD

Oil or Gas Well 0 & G

						o v.	(KIND)
Company American	rican Mut O Court P			Casing and	Used in	Left in	Packers
		t al	Acres 128	Tubing	Drilling	Well	rackers
Location (waters			Acres	Size			
Well No.			Elev. 1074	-			
		_County_Dodo		13			Kind of Packer
		·	n		480 1	none	Ci-
		Address Troy		81/4	19921	11	Size of
Mineral rights a				65/8			Depth set
Ora Doaks	1/2	Address West	Union	5 3/16			Depth sec
				- 78-4-1		22161	Perf. top
							Perf. bottom
Date ShotN	10 Fron	n	`o	Liners Used	None		Perf. top
With							-
		3	Inch				Perf. bottom
	_/10ths Merc.	in	Inch		. 1		
Volume			Cu. Ft.				No. Ft. 2216! Dat
			hrs	100 sks.	Cement 7	0 bbls	HALLIBURTON
Oil		************************************	bbls., 1st 24 hrs	COAL WAS E	NCOUNTERED	e _{AT} none	of cement FEETINCHES
WELL ACIDIZE	EDNo		•		TINC	HES	FEETINCHE
		·		FEE	TINC	HES	FEETINCHES
WELL FRACTU	W/50	000 # San	d & 1200	B Wtr.			
Formation		Hard or			oil, Gas		<u>t</u>
	Color	Soft	Тор	Bottom	or Water	Depth	Remarks
Shale			0	7	-		
Gray Shal Red Rock	е		7	20		,	1
6 Red Roc!			20 5 7	5 7	Fresh wat	er at 20	ft (13PD)
Light Gra			65	65 7 5	·		
Red Rock			75	117			
Red Rock			117	125			
Dark Gray	Sand		125	143			
Red and G	ray Shale		143	152			
Lime	rey Dilate		152 162	162 175	A	4	
Red and G	ray Shale		175	179			
Red and G			179	194	•		
Lime	01-1		194	200			
Red and G	can Suare		200	207			
Gray Shale	3		20 7 220	220		1	
Red and G			237	237 26 7			
Red Rock			267	275			
Slate			275	300			
Slate		i i d	300	31.5		-50507s	Trans.
Red Rock Gray Shale			315	365		I ANTERIOR	12
Sand	f		36 5 388	388		Red . W	793
Slate	. +- 1		400	400 416	1	AUG I	(8)
Red Rock			416	445	f:	7	NAP EN.
Sand			445	460		FECE	irainis &
Blue Shale			460	490	l'à	To Distro	Mines &
Sand Red Rock			500	525	•	180 min 1	
LUCK LUCK			525	54.5		188076	12.32°

(over)

•			(7) Pa	ge -2-
<u>Formation</u>	Top	Bottom	PERMIT NO. DOD-779	
Blue Shale Sand	54 5 5 65	565 5 7 5		
Blue Sandy Shale Sand Slate	575 582 615	582 6 15 642		
Red Rock Gray Sand Blue Shale	642 665 700	665 700 702		
Shale Gray Sand Sand Shale	702 1010 1055 1225	1010 1055 1225 1245		1
Sand Shale Sand	1245 1260 1377	1260 1377 1400		
Gray Shale Shale	1400 1448 1508	1448 1508 1519	sh, dk gy to blk mic some brn sh	. •
	1519 1521	1521 1528	as above, hard mic, no brn sh as above mic with brn sh; tr of ss wht v ti; v fn gr, glauc	;
	1528 1535 - 1	1535 .5 4 2	as above 60% sh dk gy mic some red & grn; ss as above calc	
	1542 1548	1548 1552	as above carc as above 95% ss, wht fn gy, v ti mic calc some lt. gy, 5% sh as above	
	1552	1564	90% ss as above; 10% sh; red brn grn blk	
	1564 1569	1569 1575	as above ss, fn gr, friable glauc, mic ang sort calc, some sh	poor,
	1575 1583	1582 1590	as above sh lt. gy soft mic, some red & grn sltst, lt, gy mic	
	1590 1598	1598 1605	sh dk gy to blk, brn sh very hard as above some red sh soft & clayey some grn	
	1605 1615 1622	1615 1622 1628	as above as above	ā
	1628	1635	sh, dk gy to blk, tan mic, some re some claystone as above	: a,
2021222	1635 1646 1650	1646 1650 1656	as above as above mostly blk as above, more red sh	
16 18 2	1656 1665	1665 1673	as above sh as above with some intbd sltst gy mic	lt
TIVED CENTRAL AND	1673 1679 1687	1679 1687 1695	as above as above, no sltst as above	
of Innia	1695	1705	sh, dk gy to blk mic pyrite little	red sh



Formation	Top	Bottom	
	1705 1714	1714 1723	sh, as above, more red sh tr to ss, pyrite 70% sh, blk, 30% sand, wht to lt gray friable, glauc, fn to med gr, mic calc
	1723 1730 1738 1750 1758	1730 1738 1750 1758 1762	ang, poor sorting 80% sand as above, 20% sh, gy & red sand as above, some sh, as above as above sh, gy very hard some intbd sltst 90% sand wht fn to med gr glauc ang poor
ن	1762 1775 1782 1792	1775 1782 1792 1801	sorting, calc, 10% sh red and gr sand as above, some sh sand, as above, little sh sh, gy, very hard pyrite mic, some red sh send, wht to lt gy, mic, calc, fn to med gr ang poor sorting
	1801 1806-1 1812	1806 L812 1825	85% sand as above, 15% sh, red & gy pyrite as above ss, v fn gr, to fn, v ti, lt gy, glauc
	1825 1834 1845 1850 1858	1834 1845 1850 1858 1865	mic poor sorting ang as above, some brn sh soft sh gy pyrite, some grn & red sh calc sh gy pyrite calc, 40% sh red, soft 70% red sh pyrite calc, 30% gy sh pyrite 40% red sh; 30% gy sh, 30% ss fn gr v ti
	1865 1873 1879 1890 1897	1873 1879 1890 1897	calc ang lt gy 80% red sh, 20% gy sh calc sh 70% gy, 30% red var mic calc 80% red sh. 20% gy sh calc. sh red & gy calc some grn sh., some Ls tan
	1900 1910 1916- 1926 1936	1900 1910 1916 1926 1936	as above sh gy calc some red sh, tr of grn sh & Ls Ls. dk brn, some lt. brn, some xl as above 70% Ls. as above; 30% sh var. red & gy calc.
• •	1945 1953 1960 1965 1971 1980 1987	1945 1953 1960 1965 1971 1980 1987	sh gy. hard calc. some ls. 60% ss. fn. gr. wht v. ti; 40% sh gy Ls. lt to dk. brn. sug, xl, some sh. gy calc Ls. lt. to dk. brn sug, xl. pyrite Ls. tan, sug. xl pyrite Ls, as above Ls as above Ls as above
102021222	1992 2001 2010 2020 2026	2001 2010 2020 2026 2030	Ls as above, some sh red blk tr grn calc pyrite Ls tan to dk brn sug xl no sh Ls as above Ls as above 50% ss., wht fn gr v ti calc well sort,
AUG	2030	2037	30% Ls as above, 20% sh red & grn & gy pyrite sand fn to med gr fair rounding calc.
Not in incos (S)	2037 2043 2049 2059 2068 2075	2043 2049 2059 2068 2075 2081	good flour, some sh. red & grn gy; some Ls as above as above as above, no Ls pyrite as above as above as above



Top	Bottom	
2081	2085	60% Ls tan sug xl pyrite slightly dolo
		excell flour 40% sh gy soft
2085	2090	Ls as above excellent flour
2090	2096	Ls dk brn some grn sh sug xl
2096	2102	as above
2102	2108	as above
2108	2120	sh lt gry mic some ss wht to lt gy fn gr
2120	2128	70% sh as above; 30% sltst green sh gy
		mic pyr
2128	2135	as above
2135	2140	as above
2140	2148	sh lt gy some lt brn sh pyr mic tr of ss
2148	2153	as above; no ss
2153	2161	as above
2161	2168	as above
2168	2172	as, It gy fn gr friable mic fair sorting
2172	-2180	as above, little sh gy
2180	2185	asabove, little sh gy & red
2185	2190	as above, pyr no sh
2190	2201	as above
2201	2204	as above, no pyr
2204	2210	as above
2210	2220	as above, tr of Ls
2220	2228	60% ss as above, 40% sltst., gy mic

