



6-6'Straight Fork-Bluestone Creek (133)

RECEIVED

15-Aug-96 API # 47- 17-02876 F

State of West Virginia JAN 10 1997 Division of Environmental Protection Section of Oil and Gas

Permitting
Office of Oil & Gas Well Operator's Report of Well Work

Farm name:	LEGGETT,	ELMA	Operator	Well	No.:	STINESPRING	#3

LOCATION: Elevation: 1,040.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 13420 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 4925 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: MERIDIAN EXPLORATION CORP				
PENN CENTER WEST TWO, STE 325 PITTSBURGH, PA 15276-0000	Casing &	Used in	Left	Cement Fill Up
Agent: CT CORP. SYSTEM	Tubing	Drilling	in Well	Cu. Ft.
Inspector: MIKE UNDERWOOD Permit Issued: 08/14/96 Well work Commenced: 8/15/96	Size	30	0	The state of the s
Well work Completed: 9/5/96 Verbal Plugging Permission granted on:	85/e"	1455	1455	CTS
Rotary Cable Rig Total Depth (feet) 5525 Fresh water depths (ft) // 0	41/2	5401	5401	3400
Salt water depths (ft)	2 "		5200'	
Is coal being mined in area (Y/N)? NO Coal Depths (ft): None				

OPEN FLOW DATA

I II ON DELFA		•
	4152	_
Producing formation Riley	Pay zone depth (ft) 4172	•
Gas: Initial open flow 800 MCF/d Oil:]	[nitial open flow - Bb]	
Final open flow 800 MCF/d F	Final open flow Bbl	L/d
Time of open flow between initial ar	nd final tests o Hou	ırs
Static rock Pressure 1100 psig (surface		
	3796	, ', -
Second producing formation Balltown	Pay zone depth (ft) 3816	· •
Gas: Initial open flow 600 MCF/d Oil: 1	[nitial open flow - Bb]	[7ā
Final open flow <u>Goo</u> MCF/d F	Final open flow - Bbl	L/d
Time of open flow between initial ar	nd final tests 0 Hou	ırs
Static rock Pressure 1100 psig (surface	ce pressure) after <u>24 </u> Hou	ırs

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:	MERIDIAN	EXPLORATION	CORP.

By: John Guide John Juries Date: 1/6/97 OPEN FLOW PATA

Producing Formation - Speechley. Pay Zone depth (ft) 3412-3432'
Gas: Initial Open flow 800 mcF/d
Final Open flow 800 mcF/d

Time of open flow between Initial and final tests - 0 hrs Static Rock Pressure - 1100 prig (surface pressure) after 24 hrs

RILEY: Perforations: 4152-4172 45PF

Fracture: 20,600 lbs 20/40 Said X-Link Gel

(0) Zero Nitrogen 250 bbls water

BALLTOWN: Perforations: 3,796'-3,816' 4 SPF

Fracture 17,700 165 20/40 Sand X-Link Gel Treatment:

(c) Zero Nitrogen 250 bols water

SPEECHLEY: Perforations 3412'-3432' 4 SPF

Fracture
Treatment: 19,300 lbs 20/40 Sand X-Link Gel

(6) Zere Vitregen

250 bbls water.



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

BECEIVED

AUG 25 1981

Oil and Gas Division WELL RECORD

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Quadrangle Oxford 7.5

Permit No. 47-017-2876

Rotary X Oil

Cable Gas X

Recycling Comb

Water Flood Storage

Disposal

			DISPOSE	(Kind)
Company Chase Petroleum Address Drawer 369, Glenville, WV 26351 Farm N.H. Leggett, etal Acres 93.7	Casing and Tubing	Used in Drilling	Left ·	Cement fill up Cu. ft. (Sks.)
Well No. Stinespring #3 Elev 1120 Southwest County Doddridge	Size 20-16 Cond			
The surface of tract is owned in fee by N.H. Leggett, et al	13-10" 11 3/4	30	0	
Address Oxford, WV 26414	9 5/8 H 5/8 23#	1454.9	1454.9	CTS
Address Oxford, WV Oxiling Commenced March 20, 1981	5 1/2 4 1/2 10.5#	5/01		
Orilling Completed March 27, 1981 nitial open flow 125,000 cu. ft. 0 bbls.	3	5401	5401	700 Sks
Final production $\frac{180.000}{\text{cu}}$ ft. per day $\frac{0}{1725}$ bbls. Vell open $\frac{10}{1725}$ RP.	Liners Used			
Vell treatment details: Fraced Alexander: 5238-5284: 16 holes:	Attach copy of a	Fluid: 20	0.000 # 8	30 MCF
Fraced Benson; 4780-4968; 15 holes;	479 bbls. Total	Fluid; 20	0,000 # 20 0,000 # 80 0,000 # 20	0/100
Fraced Riley; 4460-4586: 16 holes:	628 bbls. Total	Fluid: 20	0.000 # 80	0/100
indies,		60	1.000 # 20	1/40
	f-ce(Inche),000 # 20 :	

Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Cas or Water Remarks
Cond. Sand Shale & Red Rock Sand & Shale Sand Sand & Shale Black Shale Sand	G.L. 50 62 90 106 127 140	50 62 90 106 127 140 148	,
Shale & Red Rock Sand Sand & Shale Shale Sand & Shale Red Rock & Shale Sand Shale	148 172 185 189 204 219 263 292 300	172 185 189 204 219 263 292 300 313	
Red Rock & Shale Sand & Shale Red Rock & Shale Sand & Shale Shale Sand & Shale Lime Sand & Shale	313 342 372 390 412 428 439 443	342 372 390 412 428 439 443 452	SEP 9 198'

Formation	Color Ha	rd or Soft	Top Feet	Bottom Feet	Oil, Gas or Wa	ter Remarks
Shale	& Red Rock		452	556		
	Shale		556	565	Name of the last o	·
	& Red Rock		565	586		·
	Shale		586	630	De Grand Assess	
Shale	- Diluze	•	630	705	the management of the second o	
Sand			705	713	Service conductors	
Lime			713	717	şanan aviyay	
	& Red Rock		717	948		
Sand			948	950	the second	
Shale	•		950	1190	the second	
Sand			1190	1197	-	
Shale			1197	1212		
Sand	•		1212	1228		
Shale			1228	1238	i ·	
Sand			1238	1245	- violation	
Shale	•		1245	1255	-	A.**
Sand			1255	1260		
Shale			1260	1280		
Sand		•	1280	1286	TT_100000000000000000000000000000000000	
Shale			1286	1289		·
Sand			1289	1318	77 77 77	
Shale			1318	1355		
Sand			1355	1397		
Shale			1397	1420		
Sand			1420	1425		
Shale			1425	1435		•
Sand			1435	1456		
Shale			1456	1462		
Sand	C1-1-		1462	1481		
	Shale	•	1481	1738		
Sand Shale	•		1738	1747		
			1747	1800		
Sand Sand S	Shale	•	1800 1825	1825		
Shale	Share		1877	1877		9
	Shale		1906	1906 1923		**
Shale	JHALE		1923	1964		*
Little	Time		-1964	1978		
Sand &			1978	1984		•-
Sand		1	1984	1997		
Shale			1997	2002		
Big Li	me	;	- 2002	2070		
_	Shale		2070	2075		
Injun			2075	2135		
_	Shale	•	2135	3720		
Shale			3720	4950		
Benson			- 4950	4954		
Sand &	Shale		4954	5145		
Sand			5145	5157		
Sand &	Shale .		5157	5197		
Sand			5197	5208		
Sand &	Shale		5208	5227		
Sand (Alexander)		5227	5300		
Sand &	Shale		5300	5525	TD	•
						-
				Potential		
				· ·		
			0.00	ELECTRICAL PROPERTY AND ADMINISTRATION OF THE PROPE		
		-				

APPROVED Store Dwgs

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017-2876-Fac

Page_1_of.....

STATE OF WEST VIRGINIA

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1 000 07 00 07 0	re removes			1 ('A ''	8 1 N.F		

•			MAKK LEKWI	" APPLICATI	ON	
L) Well	Operator:	MERIDIAN EX	(PLORATION C	ORP. 31805	7 (7)	526
2) Opera	or's Well	. Number:	STINESPRIN	G #3 (1569)		
₩ell (:ype: (a)	Oil_/	or G	as X/	Joseed Expras	08/14/gc
2231	(b)	If Gas:	Producti	on X/ Under	ground Stora	08/14/98
_		•			Sugit	0 W/
Propos	ed Target	Formatio	$n(s): \underline{K(1)}$	ey @ 4150) a Ballton	n@3,800'
			5525		en jaron en	
				pths:	10'	
8) Approx	imate sal	t water d	epths:	No.	ne	promestatischapptassitzindinissitzindiputirijab (principara) (4 das 1 (4 d w s
				No		
10) Does 1	and contai	in coal s	eams tribu	itary to act	ive mine? v	es/ No
ll) Propos	ed Well Wo	ork: Set	Plus. Per	f d Frac 1	eive mine? y Policy @ 415 Drill Plug	o', Perf +
12)						
-IYPE		CASI	NG AND TUB	ING PROGRAM	<u>(</u>	
	i S	PECIFICAT	PIONS	FOOTAGE I	NTERVALS	CEMENT
	Size	Grade	Weight	For	Left in	Fill-up
Conductor	13/4"		PET TE.	drilling 30	well	(cu. ft.)
<u>Fresh Water</u>				30	Juny Miller	o K Mit
Coal				C/Ab	addle of the second	Oller
Intermediate	85/8"		23	1455 M		7
Production	412	-	10.5	5401	1455	CTS
Pubing					54010	3400'
iners			- ij			
ACKERS : Kin	d	NA				
Siz		10 //2				
2/26	Fo	r Divison	-6-0:3			
Thee(s) p	· /V	1		nd das Use	Only	\mathcal{M}
Plat		$\triangle \Delta I$	rk Permit	(Iff pools	amation Fund	WPCP
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4		*					
					(1 / 06		e
Page	1 of	_	1)	Date:	·D-14-20		
	WW2-A		2)	Operator	.6-14-96 's well numbe:		
	87)		2.1	STINESI	PRING #3 (1569) No: 47 - 01	7	1076
-erm	it Copy		3)	Whi Merr	State - Cou	htv - Per	<u> </u>
	. •				State - Con		100 45 15
			STATE OF WES'	T WIRCINIA			
		DEDADMMENT	OF ENERGY D	TVISION OF	OIL AND GAS	^	
		THE STATE STEEL O	US 211211U2/			*	
		NOTICE AND	APPLICATION	FOR A WELL	WORK PERMIT		
			*				
4)	Surface C	wner(s) to	be served:	5) (a) C	coal Operator:		
•	(a) Name	ELMA LEGGETT		Name	NO COA	L	
	Address _	ROUTE I BOX 8	3/	Address			
	CONTRACTOR OF THE PROPERTY OF	WEST UNION, V	√V 26456			h 01	*:05
	(b) Name	ROY LEGGETT			Owner(s) wit		
	Address _	ROUTE 1		Name		Make the second	
	(- \	WEST UNION, W	7 26456	Address			***************************************
				Name			
	AUULESS _						
	Charles and the second						
6)	Inspector	MIKE UNDERW	OOD	(c) Coal	Lessee with	Declarati	on
•	Address _	ROUTE 2 BOX	135	Name			
		SALEM, UV	26426	Address			
	Telephone	e (304) – <u>782</u>	1043			,	-
		(m) 40 mm 6 ft tidle (M) 570 mm 4		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	MANAGE WILLIAM		
		TO THE PERS	SON(S) NAMED A	BUVE TAKE	NOTICE THAT:		
V v	Z l · · · · · · ·	in the lead		r other co	ontinuing cont	ract or	
~~~	. Tucingen	is the leas	d the right to	extract (	oil and gas $OR$		
CONC	Included	is the info	ormation requi	red by Cha	apter 22B, Art	icle 1,	
Sect	ion 8(d)	of the Code	of West Virgi	nia (see m	page 2)	v	
	I certify	y that as re	equired under	Chapter 2	2B of the West	: Virginia	Code
I ha	ve served	copies of	chis notice an	d applicat	tion, a locati	on plat,	and
acco	mpanying o	locuments pa	ages 1 through	on the	ne above named	parties,	by:
	Pers	sonal Servi	ce (Affidavit	attached)			
					eipt attached)		
	Pub.	lication (No	otice of Publi	cation at	tached)		
		ana ana ana ana a					
	I have re	ead and unde	erstand Chapte	r 22B and	38 CSR 11-18,	and I ag	jree
to t	he terms a	and condition	ons of any per	mit issue	d under this a	ipplication	)   .  d ===
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info	rmation,	including t	he possibility	of fine	and imprisonme EXPLORATION CORP	ent.	
CONTRACT.		CIAL SEAL	Well Operator	MERIDIAN	EXPLORATION CORP		
( S. 20	ATOM MOTA	RY PUSLIC 🤾	By:	yohn/	luce	TOHM GOIDS	
FAS:	STATE OF	WEST VIRGINIA A E. RIFFLE	Its:	(7)	R WEST TWO, SULT	E 325	
11/200	AIDA(F) RT. 1	, BOX 271-A ON: W// 25452	Address	PITTSBURGH			
10 200	My Commission E	knines December 26, 2000		(412) 494	110(14		
W.			Telephone	Jeh :			100/
Subs	seribed an	a sworn bef	ore me this 1	≥ day of	June		73 76
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8975 V.J. A.	- 1 3 200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	from M. i.	سندا ۱۱ کسی ا		~1171111		

Carry 18-2 OFFICE OF OIL AND GAS - DEPARTMENT OF MINES Date: November 14, 1980 Name: Stinespring #3 OIL AND GAS WELL PERMIT APPLICATION API No. 47 - 017-2876 State County Perm WELL TYPE: 011 _/ Gas_<u>x</u>_/ (If "Gas", Production X / Underground storage / Deep / Shallow X / LOCATION: Elevation: 1120 Watershed: South Fork of Hughes River District: Southwest County: Doddridge Quadrangle: Oxford 7.5 WELL OPERATOR Chase Petroleum DESIGNATED AGENT Alton Skinner Address PO Box 369 Address PO Box 297 Glenville, WV 26351 Glenville, WV 26351 IL & GAS ROYALTY OWNER N.H. Leggett, et al _____ COAL OPERATOR None Address Oxford, WV 26414 Address Acreage 93.7 COAL OWNER(S) WITH DECLARATION ON RECORD: URFACE OWNER N.H. Leggett Name No Coal Address Oxford, WV 26414 Address NOV 1 7 1980 Acreage 234.5 Name IELD SALE (IF MADE) TO: Address____ OIL & GAS PIVIS'ON Land Company Company ame Uncommitted Address COAL LESSEE WITH DECLARATION ON RECORD: None Name IL AND GAS INSPECTOR TO BE NOTIFIED: Address Paul Garrett ame The undersigned well operator is entitled to operate for oil or gas purposes at the above ocation under a deed __/ lease X / other contract__/dated November 14, 1980, to the dersigned well operator from N.H. Leggett, et al f said deed, lease or other contract has been recorded:) corded on _____, 19__, in the office of the Clerk of the County Commission of ____ ounty, West Virginia, in _____Book ____, at page ____. A permit is requested as follows: PROPOSED WORK: Drill X / Drill Deeper / Redrill / Fracture or stimulate X / Plug off old formation / Perforate new formation / Other physical change in well (specify)____ --planned as shown on the work order on the reverse side hereof. The above named coal operator, coal owner(s), and coal lessee are hereby notified that any jection they wish to make or are required to make by Code § 22-4-3 must be filed with the Dertment of Mines within fifteen (15) days after the receipt of this Application by Department. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal sees on or before the day of the maililg or delivery of this Permit Application to the Departnt of Mines at Charleston, West Virginia. EASE SUBMIT COPIES OF ALL

OPHYSICAL LOGS DIRECTLY TO:

FICE OF OIL AND GAS

15 Washington Street, East

arleston, West Virginia 25311

By:

Chase Petroleum

Well Operator

#### PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

No X
No X
No X
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ERS
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