

Company Seven Seven Col Co.

Address Box 873, CHARLESTON, W. Ua.

Farm Manuel Box

Tract Acres 1562 Lease No. 1-11-47-2008

Well (Farm) No. B-26 Serial No. GW1590

Elevation (Spirit Level) 996.48

Quadrangle West Union - SE

County Dodo Elog District Nest Union

Engineer Wandle & More

Engineer's Registration No. 2113

File No. Drawing No. 10-15-66

Date 23 Sept 66 Scale 1=400'

WELL LOCATION MAP

- 4- Denotes location of well on United States Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.
- Denotes one inch spaces on border line of original tracing.

Sand

Slate

Red Rock

Slate



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

Rotary		
Spudder	Ex	
Cable Tools		
C4	 1	

Quadrangle West Union #7

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		There will be to			
OAT	C V	wen Dry hole			
	OR CERT A	ven			
		/KINDO			

Permit No. Dodd-1412	WELL	RECORD		Oil or G	as Well Dry hole
Company Cities Service Oil Company Address Box 873, Charleston, W. Va. 2	25323	Casing and Tubing	Used in Drilling	Left in Well	Packers
Farm Lewis Maxwell Acres		Size			
Location (waters)		16			Kind of Packer
Well No."B"#26, GW-1590 Elev.		₁₃ 3/8'' 48#		pulled	none
District West Union County Doddrid		103A''32#	1	pulled	Size of
The surface of tract is owned in fee by G. A. Pierce		81/4 ¹¹ Z4#	10081	pulled	
Strand & Norton St. Address OxFord, M				A CONTRACTOR OF THE CONTRACTOR	Depth set
Mineral rights are owned bMrs. Grace M. Gaylo					
410 Kemmerer Rd. Address State Colle		412119.5#	19621	5521	
Drilling commenced 10-15-66				I	Perf. top
Drilling completed 11-12-66					Perf. bottom
Date Shot not shot From To	1	Liners Used			Perf. top
	1				Perf. bottom
With			cementing record		1 011. 00000
Open Flow /10ths Water in					No. FtDate
/10ths Merc. in				and the second of the second o	
Volume show		Amount of ceme	ent used (bags)	everse si	de
Rock Pressure lbs.		Name of Service	e Co	_ 445	FEET 60 INCHES
Oilbbls					
WELL ACIDIZED (DETAILS) not acidized			* * * * * * * * * * * * * * * * * * * *		
WELL FRACTURED (DETAILS) See reverse	side	*************			***************************************
Fresh Water Feet Producing Sand Big Injun					
Formation Color Soft	Тор	Bottom	Oil, Gas or Water	Depth.	Remarks
Soil	0	10			
Red Rock	10	78			
Lime	78	130			Mark district
	130	150			
	150	181			
	181	206			
	206	230			
	230	298			
Hard Sand	298	345			
Slate and Shells	345	355			
Hard Lime	355	395	i filozoficki etter gala Kalendari		10 h Leeston
Slate and Spells	395	445			
Coal .	445	450			Car vest
Lime	450	475			same se alla
Slate and Shells	475	575			
Red Rock	575	587	provide a fire	A DE MARKE	A Alberta A
Slate and Shells	587	603		1	
Red Rock	603	640			
Slate and Shells	640	692		2989	71819202
Lime	692	720		18/2/10	4 (2)
Red Rock	720	750	Property of the Company of the Compa	12	DEC 11 66
Slate and Shells	750	777			CENTED S
				a a summer	A

787

797

854

900

750 777

787

797

854

	Formation	Color	Hard or Soft	Top /	Bottom	Oil, Gas or Water	Depth Found	Remarks
€	Sand			900	950		ma.CO.Diversion	
4	Slate and She	IIs		950	988			
, ¢	Sand		**************************************	988	1010			
	Slate and She	IIs	yz 44-	1010	1100		dynamical	
	Lime	. St. Galle	Cary manufacture of the Cary m	1100	1130	:	STR. C.	
	Sand	4111414		1130	1190	: 1		
	Slate and She	IIs		1190	1400			
	Sand			1400	1430			
	Slate	i Principal	et section	1430	1670		Mark Service	
	Sand		water j	1670	1697			
	Slate .		A Marine Control of the Control of t	1697	1727		ik v sakováli v	
	Lime			-1727	1749			
	Pencil Cave			1740	1751			€mente vekniñ Man
	Sand			1751	1760			
	Slate Break	. Andiayi		1760	1765		r - Gregorija ile ingalija uz	
	Big Lime			1765	1840 € 18	(4.4)		
	Big Injun CA	LE BILLEW)		1840	1908		e tr _e transfer and	
	Slate			1908.	1958		endro TAIN (L. 1844). Both March (L. 1884).	
				L.	TOPOL D	rillers' T.D.	in the second of	
	Total depth-	grad mades votate sicilis article total areas occur medi	e desse come come esta come come come come come come come come	and make deep pass and and and and and		hlumberger	Mese	The Breek T
				and an execution	1890,	Trounder Ser	w.cao.	
	Plugged bac	k total der	oth .		1040.	a la company		
	Completely	plugged ar	nd abandoned	1 12-8-00				
		l grand	n mai satur ya y			1.44		
	Electric Lo	s show:		1842	1924	Gas	19081	show
*84	Big Injun	da we condi		1044	1767	Cas	2700	
	ALTERNATION (A. AND							
	CASING RE	AOKT -	LION HOW ET	AN P Cando	casing at 7	g - did not c	ement. Pul	led.
	10-15-66	Det 13-	. 1/0 ZOW TI-	Torace	Jan 8 20 -			
	20 20 66	C-+ 10	1/411 27 754	H-40 B-Gr	ade casino	at 298'-did n	ot cement. E	ulled later
	10-20-66	ger IV-	- 3/= 36.131	12-10 2-01				
	10-29-66	Sat 8-1	5 /8" 74# T-5	5 Grade B-0	asing at 1.	008' - did no	cement - p	ulled
	10-29-00	Det 0-3				No a sure of an art		e de la companya de La companya de la co
	11-14-66	Set an	dcemented	4-1/2" 9.5#	J-55 new o	casing at 1962	with 135	acks regula
	11-14-00	- comen	t with 2% Ca	Ibium Chlor	ide and fric	tion reducer	Pumped I	Wo pprs. was
		and 35	Whis of wa	ter ahead of	cement. H	ole circulated	while cem	enting. Inser
		at 195	5 Centralia	zers at 1955	1 1860 and	1 1797 . Pull	ed all but 5!	2' when plu
			The second second second	tal and the second of the			Harris Royal Control	
	11-12-66	Ran So	hlumberger	Gamma Ray	Caliper, I	Density, Induc	tion and Te	mperature L
						80		
	11-16-66	Ran G	amma Ray	Correlation :	Log, Collar	Location Log	and Cemer	t Bond Log.
		Corre	Talted Ings an	d perforated	d Big Injun	Sand 1898-19	02', 1908-1	912) and
		1918-1	1922' with 4	shots/foot -	total of 27	holes. Swabl	oed and bail	ed hole down
			w of gas.					
				144.				
	11-17-66	Fract	ired the Big	Injun Sand	-			
	entired entirector management and produce the second secon							
	Pumped 50	gallons i	mud acid and	1 1,000 gallo	ns regular	15% acid int	Big Injun	Sand at 1900
	Fallamad m	: A 34 NOT	1# 20-40 san	dlin 31,000	gallons of g	celled water.	Maximum ti	eating press
	3200#_aver	ade 2521#	Immed S.	.Il pressure	: 1700#。.AU	R 34.4 bbls/r	nın. Droppe	ed 14 beri pa
	1/7 +	en two atmo	ant and ares	sure increas	sed from 27	'25# to 3200#.	, Dropped b	peri balls 3
	mar then te	eltment w	with no incre	ase in press	ure. Used	119, 273 ft. o	finitrogen o	T 150 It.
	Put radio a	.ctive mat	erial in duri	ng treatmen	t. 830 bbls.	, fluid used d	uring treati	ment.
		NATION CONTRACTOR OF THE PARTY		1 1/2	1.00			
			S	ed additional	Information	on on attached	sneet	
		. 8	4			Í	1	g

	Date	3	19
			_
APPROVE)		, Ow
	By	13 4 A 3 5 B	
	day of commencement of the second	(Title)	

6	Formation	Color	Hard or Soft	Top /-A	Bottom	Oil, Gas or Water	Depth Found	Romarks
	Ado	litional in	ormation or	Lewis Max	well "B" #2	5		economica negli inni de per in dice de conserva de conserva de conserva de conserva de conserva de conserva de
	Set cast iron	plug at l	890° and shu	t off Big Inj	un Perforat	ion 1898-197	21. Perfora	ted upper
	section of B Bailed hole						ior a total	pi 34 noies.
			_			ACCUPATION AND ACCUPA		
	11-22-66 Fr	actured B	ig Injun Znd	time (Upper	Section	a de la composito de la compos		
	Pumped 500	gallons m	ud acid and	1500 gallon	regular l	% acid into	Big Injun S	and. Broke
	down format Fractured w	ion at 280 ith 40,000	# 20-40 san	d in 33,500	gallons of g	elled water.	Maximum	reating
	pressure 31 AIR 33.8 bb	00#. Aver	ge treating	pressure28	#0#. Immed	. Shut in pro	essure 1650	₩.
	from 2650#	to 3100#.	Dropped 7 p	erf balls 3/	way thru t	reatment an	d pressure	ncreased
	from 2950#					treatment.		ctive
	material in	nuring cre	atment. Ose	d 725 bbis.	or man am	ing treatme		CONTRACTOR
	Gas gauging	10 MCFD	after fracti	ring.			re-re-re-re-re-re-re-re-re-re-re-re-re-r	A CONTRACTOR AND A CONT
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Plugged and	abandone	12-8-66.	Security of the Control of the Contr			illinia de de la constanta de	
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				Management Company of the Company of				
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		Office services of the service of th	epin-degline o menutine productive productiv	Strep Chascoloming again				
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				as Cultimonia Caracteristica Caracte	Control of the Contro			
			The same of the sa	Reference of the Control of the Cont	or constitution of			de anticolor de la constanta d
					i de la companie de l			New Property Company
				Out to the second			AST 18192	
				S. C.			Cho W	13
			A	Distance Control Control			DEC 1561	l le le
							RECEIVE West Virgin	1 4/2
			ACT CONTRACTOR OF THE CONTRACT			J.	Dept. of Mine	ł. D
		REAL PROPERTY OF THE PROPERTY				er manifest of the control of the co	WS3339	
							National Company of the Company of t	STATE OF THE PROPERTY OF THE P

Date December 16 19 6

APPROVED Cities Service Oil Company , Own