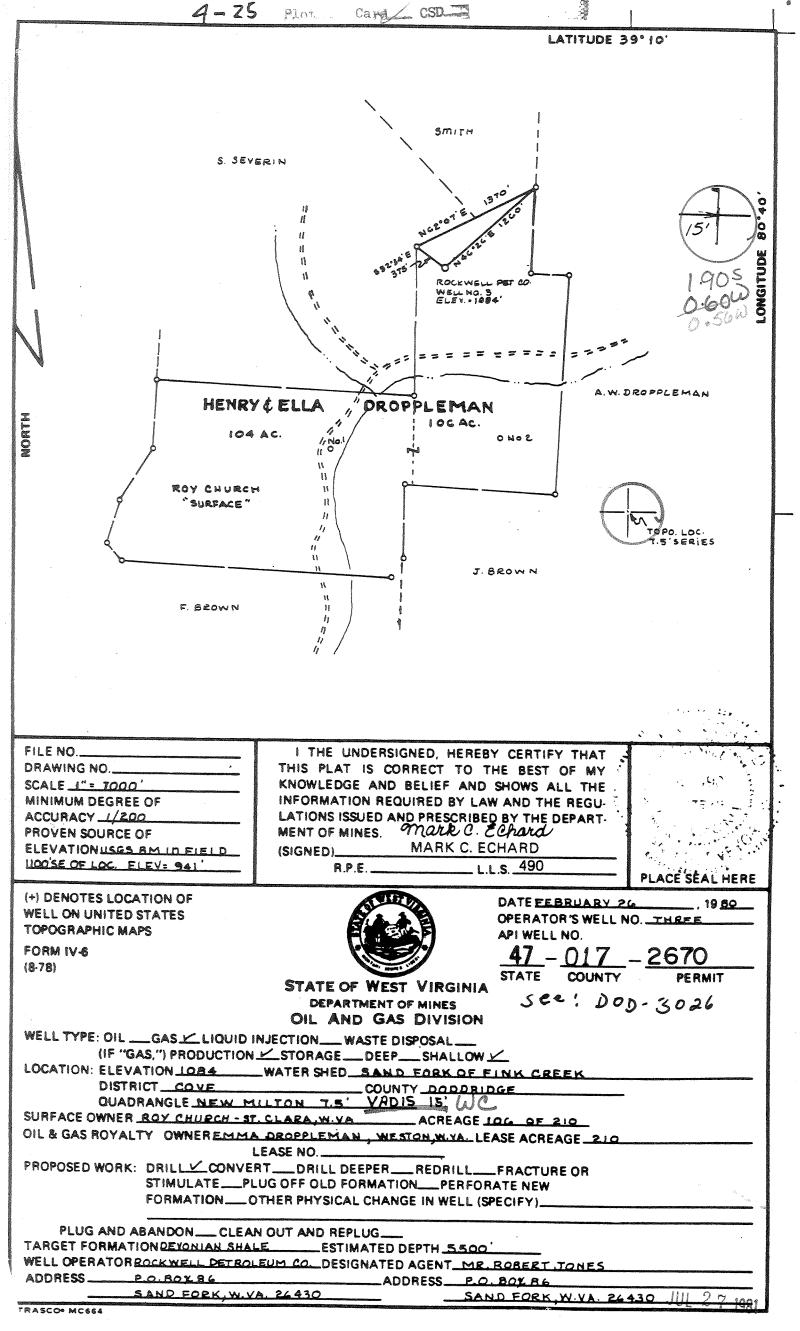
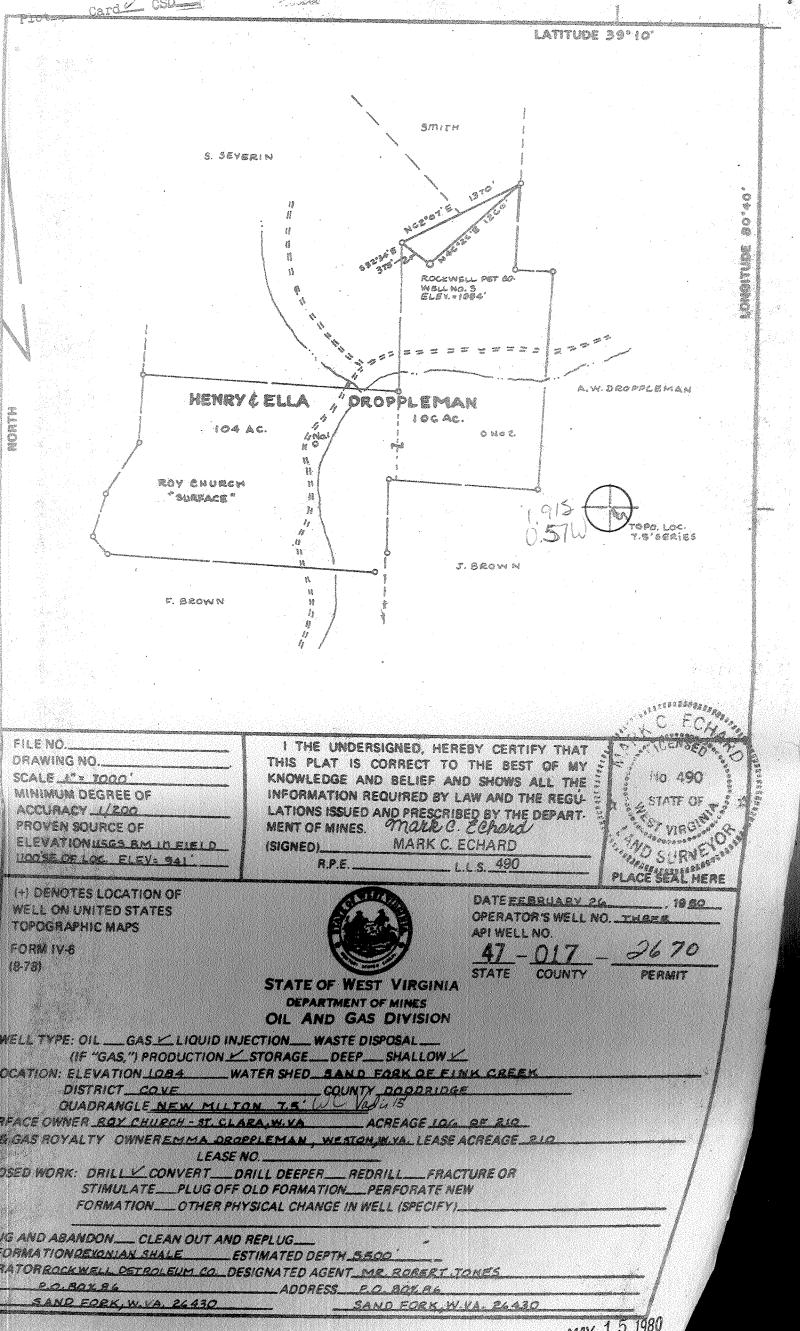


6-6 New Milton South (307)





__, :9<u>81</u> STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION Operator's Well No. <u>Droppleman #3</u> WELL OPERATOR'S REPORT API Wel No. AUG 2 BRIGHING, FRACTURING AND/OR STIMULATING, IN SHYSICAL CHANGE ELL TYPE: OLL FAR DIVISION / Liquid Injection / Waste Disposal / (If "Gas", Production X / Underground storage / Deep X / Shallow / Elevation: 1050 Watershed: Sand Fork of Fink Creek : NOTTADO. District: Cove County: Doddridge Quairangle: New Milton ELL CARRATOR Carson Petroleum Corporation DESIGNATED AGENT Lowell M. Johnson Address P O Box 133 Address P O Box 133 Sand Fork, WV 26430 Sand Fork, WV 26430 ERMITTED WORK: Drill X / Convert _ / Drill deeper _ / Redrill _ / Practure or stimulate _ Plug off old formation____/ Perforate new formation____/ Other physical change in well (specify) N/APERMIT ISSUED ON _____July 13 ______, 19 81 OIL & GAS INSPECTOR FOR THIS WORK: IF APPLICABLE: PLUCTING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM ERILLING OR REWORKING. VERBAL PERMISSION OBTAINED Name Steve Casey Address <u>Jane Lew, WV</u> S84-747**0** EDLOGICAL TARGET FORMATION: Benson Depth 4999 **Feet** Depth of completed well, 5484 feet Rotary X / Cable Tools Water strata depth: Fresh, 224 feet; salt, N/A feet. Coal seam depths: N/A Is coal being mined in the area? No Work was commenced <u>July 31</u>, 1981, and completed <u>August 7</u>, 1981 ASING AND TUBING PROGRAM SPECIFICATIONS FOCTAGE INTERVALS Weight Side Indde per ft New Used For drilling Left in well Kinds coductor | 1165' To surface 1165' resh water 8 5/8" 5371' 195 sacks reduction 4 1/2" Perforations: Top Bottom PENTFLOW DATA Producing formation Benson Fay ache decth 4999 Gas: Initial open flow, _____ Mof/d Oil: Initial open flow, ____ Bbl/i Final open flow, 325 Mof/d Final open flow, Bbl/d Time of open flow between initial and final tests, 18 hours Static rock pressure, <u>1415</u> psig (surface measurement) after 24 hours shut in

FORM IV-35 (Reverse) [08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured: August 17, 1981

Benson - 5,000 lbs. of 80/100 sand 35,000 lb. of 20/40 sand

770 bbls. water 2450 lb Breakdown 33.4 BPM at 2500 lb.

Perforations - 4995 - 4999, 8 shots

WELL LOG .

FORMATION	Color	Hard or Soft	Top Feet	Bottom Reet	Remarks Including indication of all fresh and salt water, woal, oil and as
Dirt and Red Rock Sand and Shale Red Rock Sand and Shale Coal Ted Rock, Sand, Shale Coal Red rock, sand, shale Little Lime Sand and Shale Big Lime Big Injun Sand and Shale Sand Sand and Shale Sand Shale Sand Shale Sand Shale Sand Brown Shale Sand and Shale Sand Brown Shale T. D.			0 6 11 45 228 234 739 747 2097 2116 2135 2215 2295 2540 2552 2755 2895 2910 3075 3100 4995 5110 5270 5335 5400 5484	6 19 45 228 234 513 747 2097 2116 2135 2215 2295 2540 2552 2755 2895 22910 3075 3100 4995 5110 5270 5335 5400 5484	

(Attach separate sheets to complete as necessary,

Carson Petroleum Corporation
Well Operator Its Agent

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall rean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

FORM IV-2 (Obverse)			ST VIRGINIA OIL AND GAS	DIVISION
[08-78]	OTT AL	TISH OAD OR	דוחת א חדייםים	CARTON

Olr	۸ND	CAD	WELL	PERMIT	APPLICATION

Date:	<u>March</u>	31	 19_8
_			•
Manat	A 771 C		

p	e	ra	tor'	s			
	-	-	• •		_	_	7.E amm

Droppleman #3 _2670 47 - 017 API Well No.

WELL TYPE:	Oil/ Gas <u>χ</u> /				State County Perm
	(If "Gas", Production X /	Undergrou	nd stora	7,e/	Deep/ Shallow_X_/)
LOCATION:	Elevation: 1084	Watershed:	Sand	Fork of	Fink Creek
to the second se	District: <u>Cove</u>	County:	Doddrid	ge Qı	uadrangle: <u>New Milton</u>
WELL OPERAT	OR <u>Rockwell Petroleum Com</u>	oany	DESI	INATED AGI	ENT Robert R. Jones
Addres	s <u>P O Box 86</u>			Address	P O Box 86
	Sand Fork, WV 26430				Sand Fork, WV 26430
OIL & GAS ROYALTY OWN	ER <u>Emma Droppleman</u>		COAL	OPERATOR	N/A
	s Weston, WV				
				_	
Acreage	= 210		COAL	OWNER(S)	WITH DECLARATION ON RECORD:
SURFACE OWN	ER Roy Church		Name		N/A
Addres	St. Clara, WV			Address	
, Brogg					
Acreage	106 of 210	L.	Name		N/A
FIELD SALE ((1F MADE) TO:			Address _	
Name	N/A			-	
Address		***************************************	COVI	LESSEE WI	TH DECLARATION ON RECORD:
		1			N/A
* "	NSPECTOR TO BE NOTIFIED			Address _	
	Paul Garrett				
Address	Clarksburg, WV 26301	ari ,			APR - 2 1980
	622-3871				
Th	ne undersigned well operator i	is entitled	to opera	te for oi	ON & GAS DIVISION 1 or gas purnoses at the gastye
location und	ler a deed/ lease	/ other co	ontract _	/ dat	ed, 19, to the
undersigned	well operator from Emm	a Dropplema	an and E	mma Teres	sa Moran
[If said dee	d, lease, or other contract h	ias been rec	orded:]	**	-
Recorded on	May 8 , 19 79 , in	the office	of the C	lerk of t	he County Commission of <u>Doddridge</u>
County, West	Virginia, in <u>Lease</u> F	Book	at page	464	A permit is requested as follows:
PROPOSE	D WORK: Drill χ / Drill do	eeper/	Redrill_	/ Fra	cture or stimulate/
	Plug off old formati	on/	Perforat	e new for	mation/
	Other physical chang	ge in well (specify)		
			www.		
	planned as shown o	on the work	order on	the reve	rse side hereof.
Th	e above named coal operator,	coal owner(s), and	coal less	ee are hereby notified that any
objection th	ey wish to make or are requir	red to make	by Code	\$ 22-4-3	must be filed with the Department
	hin fifteen (15) days after t				
ငဂ	pies of this Permit Applicati	Contract to the second			reclamation plan have been mailed
No. of the second second	- Sunday and Sangarah Park and the board to	o the shows	named a	and anoma	tor coal numer(s) and coal lessen

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

Charleston, West Virginia.

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

BLANKET BUND

on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at

Petroleum Company Well Operator

PROPOSED WORK ORDER

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

		. / *****	who mi		7.7-	-i Desil	lina Tna			
ILLING CON	TRACTO	R (IF					ling, Inc.			
				Addres						
					B1	uckhannon	WV 26201			
DLOGICAL T	ARGET 1	FORMAT	ION,	Dev	onian	Shale				
								Rotary_X_/	Cable tools	/
								t, <u>N/A</u> feet.		
								mined in the area	? Yes	/ No_X/
							`			
SING AND T				ONE	ы	<u></u> ድረጋ ርመለ ር	E INTERVALS	#CEMENT FILL-UP	ll PA	CKERS
SING OR BING TYPE			Weight	. 1	1 1		3	OR SACKS (Cubic feet)		man de la companya de
	Size	Grade	per it	New	osea	ror drilli	iig beit in we.	(ouble rect)	Kinās	energe energe of a
nductor	0 -/0				1	1225	1225	To surface		(<u>20</u>)
esh water	0 3/0					1223	1223	10 3411400	Sizes	
31										
termediate	41/2						5500'		Depths set	
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194	rillin		. This			xpire if				
aperation	ons have	noi con	menced l	9Y 12-	ე – Ծ∪	A				
Tication has	ne unde s exami	rsigne ned the well	ed withing the coal ais proposed to cation at the coal	opera	tor well been	WAIV / own location. added to	ER or / les If a mine map the mine map. ided, the well	eator and by any of the preof: Ssee / of the previous which continued to the continued to	coal under vers the are has no obje	ea of the ection to
						a - w			en e	
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		-	_, 19	**	1.1					
							Ву			

FORM IV-2 (Obverse) (08-78)

SION

1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092



Date:	7	IJ	9.7	***
Operator's Well No. Droppleman	1	#3		
API Well No. 47 - 01	7		- 3026	

State County

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

OIL AND GAS WELL PERMIT

WELL IYPE:	OII / Gas X	-		A Desire of the second of the	: N
				_/ Deep/ Shallow X	
LOCATION:				of Fink Creek	
•				Quadrangle: New Milton	
•	OR <u>Carson Petroleum Corp</u>			GENT Lowell M. Johnson	
Address	P 0 Box 133		Address	P O Box 133	
	Sand Fork, WV 26430	orlandam/vamic zavanizates/ target contest:		Sand Fork, WV 26430	***************************************
OIL & GAS ROYALTY OWN	NER Emma Droppleman		COAL OPERATO	R N/A	e Dies 1 Days es
Address			Address		
					i e e esta de
			COAL OWNERS) WITH DECLARATION ON RECO	-טפו
Acreage	Day Charles			î li	
	IER Roy Church	,	-	N/A	
Address	St. Clara, WV		Address		<u> </u>
		·		· · · · · · · · · · · · · · · · · · ·	
Acreage	Same		Name	N/A CALC GAS NEVS	
FIELD SALE (I	F MADE) TO:		Address	Control of the Contro	i dia di Salaman Edita di Laman
Address	N/A		· · · · · · · · · · · · · · · · · · ·		
			COAL LESSEE V	VITH DECLARATION ON RECORD	D:
OIL & GAS INS	SPECTOR TO BE NOTIFIED		Name	N/A	
Name	Steve Casey		Address		
Address				to a contract to the second of	
*	884-7470				
77.					
				ation under a deed/ lease	
other contract	/ dated,	19, to	the undersigned wel	operator from	
(IF said deed, le	ase, or other contract has been reco	orded:)	entan era de la companya en de la comp La companya en de la		
Recorded on	, 19, in the off	ice of the Clerk	of the County Comm	ssion of <u>Doddridge</u> County	y, West
Virginia in	Book at page	e A	permit is requested	as follows:	
PROPOSED W	ORK: Drill X / Drill deeper _	/ Redri	il/ Fractu	e or stimulate/	
	Plug off old formation				
	Other physical change in wel				
	omer physical change in wei	ii (specity)			
	-planned as shown on the w	vork order on th	ne reverse side here	of.	
The share and	•				
	and the second of the second o	Carlo Carlos Company		objection they wish to make or are requested after the receipt of this Application	
			-	-	•
		도 주시점을 교육하면 통해야 한 중에 함께 있는 사람들이 있다.		led by registered mail or delivered by l	
				tiling or delivery of this Permit Applica	
	of Mines at Charleston, West Virgin			and or any or and rottine rappines	***************************************
9000 okuspelle be		and the state of the second special second s	gara Tanan Santa Sa		
	COPIES OF ALL LOGS DIRECTLY		Stylen organization	Company of the Compan	85 to 85
TO:			Larson	Petroleum Corporation	AND THE STREET
8	A OIL AND GAS			Well Operator	
CONSERVA	TION COMMIS-	m e e para morá i este cera da 18 de 1844.	By Tay	well M. Johnson	>

Its Agent

PROPOSED WORK ORDER

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

DRILLING CO	ONTRAC	TOR (II	KNOW	N)	Union Dr	illing, Inc	*		
				Address	<u>Drawer 4</u>	0			
					Buckhann	on, WV 262	201		. 5
GEOLOGICAI	L TARGE	ET FOR	MATION	,	Devonian	Shale			
Estimate	d depth	of comp	leted we	·II,	5350 fe	et Rotary	X/ Cal	ole tools	
Approxi	mate wat	er strata	depths:	Fresh,	95 feet	; salt, <u>N//</u>	A feet.		
Approxi	mate coa	l seam d	lepths:	N/A	Is coa	being mined	in the area? Yes	/ No	<u>x</u> /
CASING AND	TUBIN	G PROG	RAM						
	and the first of the second							- 10- 14- 14- 14- 14- 14- 14- 14- 14- 14- 14	
							· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
CASING OR TUBING TYPE		Grade	Weight per ft	New Used		Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
Conductor								Kinds	
Fresh Water	8 5/8	1	Control of the Contro	And a second sec	1150	1150'	To surface		- 19 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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Intermediate			- Park Company	og inger-right					
Production	4 1/2			And the second second		5350'	750 sacks	Depths set	
Tubing		Part of the last o	and of the same of	The second secon					1 с век 2 с
Liners								Perforations:	2 × 5
			eferation confinement					Тор	Bottom
		-							
- Carlo de C									
previ Code A s	ously paid \$22-4-8a eparate F	i on the s a from th form Iv-2	same well ne owner shall not	of any was	quired by Code § ter well or dwell for fracturing o	22-4-12a, and (valing within 200 stimulating a value of the stimulating a v	2-4-12b and Regulat y) if applicable, the c feet of the propose vell where fracturing	onsent required d well. or stimulating i	s to
be pa	rt of the v	work for v	which a p	ermit is sou	ght and is noted	as such on the	Form IV-2 filed in co	nnection therew	un.
THIS PI	ERMIT M	UST DE	POSTED	AT THE	WELL SITE				
All pro	visiona b	eing in	accordan	ce with Ch	capter 22,				
of the	W. Ya.	Code, th	s jocano	n is norway	abararaa			M	
101	drilli			by $\frac{3-1}{3}$	il expire if				
operati	ons have	$\frac{1}{2}$	menced i	7-A	water-establish genomerous establish of influent class bitter 4640 M. W		<u> </u>		
The same of the sa	outy Direc		8 Gas I	Division			and the second s		
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The deck	following aration u	waiver mader Coc	iust be co le 22-4	mpleted by -20, if the	the coal operato permit is to be	r and by any coa issued within f	lowner or coal lesses ifteen (15) days of t	who has record eccipt thereof.	led a
		19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	general de la pré-		WAI	VER		and the second s	
proposed well The undersign	location. ed has n	lf a mine o objecti	map exist on to the	sts which co work prop	vers the area of	the well location	the coal under this to the well location had provided, the well in	is been added to	the mine man
							e de la company		
Smert C			gi 276		76 ja	Bv			
Date:			, 19			T**		· Maria Arriva	