

	STATE OF WES		Ditt. Orgo	July 22	. 19
FORE 1V-35 (Obverse)	·	OIL AND GAS DIVISION	Operator's		
[08-78]	WELL OPERATO OF HG AND/OR STI	MULATING, OR PHYSICAL	API Wel 11 CHANGE	5tate 00	17 - 25 Unty Pers
and the state of t			# # # # # # # # # # # # # # # # # # #		
LL TYPE: Oil					
(If "Gas", Production X			ep	allow A	< <b>j</b> -
CATION: Elevation: 1044					
District: Central	County:	Doddridge Quadra	angle: Pul	<u>lman 7 ‡</u>	-
LL OPERATOR Chase Petroleum		DESIGNATED AGENT	Alton S	kinner	
Address PC Drawer 369		10)4566,121			ACCOUNTS OF THE PROPERTY OF TH
Glenville grand	- Charles of the Char	NE SE	2200 N 100 - E 100 B 36	le, WV	26351
RMITTED WORK: Drill X / Convert	/ Drill (	leoper HULA 8	1980 Pract		
Plug off old formatio	n proposition / Per	forate new formation	mudini		t
Other physical change	in well (spe	on a gas	MINES	· data negration intelligence and the control of selection	
in per trick land feller planter through more than the contraction of				Military and the second	
ERMIT ISSUED ON November 1	19_79_	OIL & GAS INSPECT	OR FOR THIS	WORK:	
IF APPLICABLE: PLUGGING OF DRY HOLE CONTINUOUS PROGRESSION FROM DRILL		Name Paul	Garrett		i. In manipus se
REWORKING. VERBAL PERMISSION OBT		Address 3	21 Beech S	treet	المستعدد والاراد المستعدد
nest participation and a consequence reconstruction and a state of the consequence reconstruction and a state of the consequence of the consequenc		C.	Larksburg,	WV 263	01
EOLOGICAL TARGET FORMATION: A	lexander	ggypametariatysmajarnasjatkasjatkajarnataitikujutakaitainatysmajakajajannyyran	Deput 56	70 ¢	ee:
Depth of completed well, 5620	feet				
Water strata depth: Fresh, 95					1
Coal seam depths: none			area? no		
Work was commenced November				7 10	72
ASING AND THRING DROCDAM					•

ASING OR   UBING TYPE			IFICATIO		o Cita		FOOTAGE	INTERVALS	CEMENT FILL-UT	PAC	KERS
antito contribute de prima in in consequente quantitation de la francisci contribute con	Size	Grade	per ft	Hew	Used	For	drilling	Left in well	(Cubic feet)		
inductor	L1 3/	4		and the contract of the contra	Х		20	-0-		H.Ind3	
resh water	A commence in the standard and the stand	all manuforgenis requires in quayaquan									
29								And the state of t		Sires	
nterrediate	8 5/	8	23#	X			1897	1897	CTS		
roduction	4 늘	Construction of the constr	10.5#	X			5513	5513	300 Sacks	Pepths set	
ic in B	-	Survivers annated instalments between their		Annual Control of Control	in commence of the commence of	- Contraction of	- Control of College Control of C				
incipalinementalisis in the second		-	nd adhaestifummennessespermen	of the state of th	Se la communicación de la	-	Paragram organist and produce the state of t			Ferfore to	·S:
tin terditina fass a mor metastistatististististististasia ana tematatana m	functions assessment in the second	Francisco		Parket Strange and Alm		- Continue Character	and professional descriptions and account of the contract of t	en formation and the state of t			Polton.
mandalage dayor-ushnassasaggapakinghipadanon-usmussasasanon-yo	Agriculture establishment orbitalistich	In contract the contract to th				Salar	*				
		1		North State of State	- Anna Carlotte	The same of the sa	THE RESIDENCE OF THE PROPERTY	And the second s	Anna transport to the transport for one of the section and to end the section of	-	

7		The state of the s	And the second control of the contro	refigure position of the property of the prope
i	ì		*	Commingled -> 2400 MCF
PEN	PLOW DATA			- 100 1.10F
	Producing	formation	Alexander	Pay zone depth 5294-5311 rem
	Gas:	Initial open	flow, 140 Mos/d	Oil: Initial open flow, -0-   101/1
	4		12 400	

Final open flow, 2,400 Mcf/d Final open flow, -0- mbl/d

Time of open flow between initial and final tests, 10 hours

Static rock pressure, 1710 psig (surface measurement) after 7 days chut in

[If applicable due to multiple completion--]

Second produ	icing formation	Benson	Pay zone depth 5006-5010 feet
Gas: I	initial open flow,	140 Mcr/a	Oil: Initial open flow,O- ' Bbl/d
	final open flow, /	2,400 Mor/a	Final open flow,O bbl/d
			and final tests, 10 hours
Statle	fock pressure,	1710 paig (surface	measurement) after 7 AAXS shuAUG 1 1980

SOS DOFFERENCY

Reverse) 08-78]

ETAILS OF PERPORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Freded Alexander 5294-5311, 18 holes, 630bbls total fluid, 10,000 # 80/100 40,000 # 20/40

Fraced Benson 5006-5010, 12 holes, 489bbls total fluid, 50,000 # 80/100 15,000 # 20/40

ELL LOG

PORMATION	Color	llard or Soit	Top Feet	Bottom Peet	Including indication of all fresh and salt water, coal, oil and cas
ord. and & Shale and ed Rock and and & Shale ed Rock & Shale and & Shale ed Rock & Shale and & Shale ed Rock & Shale and and & Shale and and & Shale and	Color		Top Feet G. L. 29 90 108 110 125 300 364 380 420 430 440 470	29 90 108 110 125 300 364 380 420 430 440 470 1630	Including indication of all fresh and salt water, coal, oil and das
ard & Shale and & Shale and & Shale ittle Lime hale is Lime njun Sand and & Shale ittle Brown Sand and & Shale and & Shale and & Shale and & Shale			1630 1700 1722 1850 - 2060 2080 2095 2215 2235 5030 5330 5360	1700 1722 1850 2060 2080 2095 2215 2235 5020 5030 5330 5360 5620TD	B
				502011	Constraint

(Attach separate sheets to complete as necessary)

Remarks

Chale Petroleum

Well Operator

By Alton Seiner

Cwner/Agent

NOTE: Regulation 2.02(i) provides as fallows:

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

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

ite:	October	29

(Ouverse)	

[08-78]					Well No	1
(00-101	OIL VND	CAS WELL PER	RMIT AFI	PLICATION	API Well No	. 47 017 252 State County Fo
WELL TYPE: 01	l/ GasX/		· · · · · · · · · · · · · · · · · · ·			State County Po
	f "Gas", Production_X/	Underground	i stora,	-e/	Deep/ S:	nallow()
	evation: 1044					
Dis	strict: Central	County: <u>Do</u>	ddrid	ge nu	uadrangle: <u>Pulln</u>	nan 7-1/2
	Chase Petroleum				NT Alton Ski	
-	P.O. Box 297				P.O. Box	
	Glenville, W.Va.	26351			Glenville	e. W.Va. 263
OIL & GAS	T)	TO A			N a so a	
	Donna L. Williams	, ET.AL.			None	
Address	P.O. Box 11	OCHAR		Address	·	<u> </u>
and and	Pennsboro, W.Va.	20415				
	66				WITH DECLARATION	
•	Ralph Cunningham				No Coal	
Address	West Union, W.Va.	26456			and shell	
•						<u> </u>
Acreage _	. 66	·	Name			*
FIELD SALE (1F		•		Address .	Color serve species	leos bivision
Name:	Uncommitted				Sand Even I	The Criving
Address					ITH DECLARATION	
		**************************************	Name		N/A	
OIL & GAS INSPI	ECTOR TO BE NOTIFIED	t t		Address		
Name	Paul Garrett					
Address	Clarksburg, W.Va.	<u> 26301</u>				
		wester the state of the state o	•			
					43 em mod numnos	ee at the chare
and the second s	undersigned well operator					
	a deed/ lease X					
	11 operator from <u>Donr</u>	*		4	ams	
	lease, or other contract					a D. 33
	igust 17 , 19 79 , ir					
	irginia, in Lease					
PROPOSED	WORK: $Drill X / Drill C$					.ate X
	Plug off old format					
	Other physical char	nge in well (	spec1fy	)		AND THE PROPERTY OF THE PROPER
•	-	, ,	and the second s			
	planned as shown	on the work	order c	n the rev	erse side hereof	r. ·
The	above named coal operator	, coal owner	s), and	coal les	see are hereby r	notified that any
objection they	wish to make or are requ	ired to make	by Code	\$ 22-4-3	must be filed w	with the Departme
	n fifteen (15) days after					
	es of this Permit Applica					
•	mail or delivered by hand	· ·			and the second s	· •

on or before the day of the mailing or delivery of this Permit Application to the Department of Mine Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311 THIEFHONE: (304) 348-3097

Pres.

Well Operator

Chase Petroleum

## PROPOSED WORK ORDER

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

DRILLING CO									
<i>-</i>	NTRACT	OR (IF	KNOWN)			S.W. Jac	k Drilling	Co.	
				Addre	88	Buckhann	on, W.Va.	26201	
					***************************************				
GEOLOGICAL	TARGET	FORMAT	ION.		Al	exander			
							Seet.	Rotany X /	Cable tools/
Approx	imate w	ater s	trata d	epths	: Pr	esh, 20	feet; salt,	400 reet	cible tools/
									rea: Yes/ No_X
CASING AND									
CASING OR			M IFICATI	ane	,	f Boomson	Talm Prata i d	<b>M</b>	
TUBING TYPE			.Weight	1	lised		INTERVALS  Left in well	M DD CACVC	-UP PACKERS
Conductor	12"		PC. 10	ine w	X	30 <b>'</b>	30'	(Cubic Tee	
Fresh water	12"				Х	30'	30'		Kinds
Coal		1							
Intermediate	8-5/	8		Х		1850'	1850'	CTS	Sizes
Production	4-1/	2		Х		5625'	5625'	2200	Dantha
Tubing						<del>,</del>			Depths set
Liners									Perforations:
									Top Botton
						<del></del>			100 300301.
			1		l l				
rorm	17-2 m	ibt ve	111ca u	ozen i	the De	partmant, ac	ecomponied by	(i) a plat in	four copies of the form prescribed
by Re there appli previ the co 200 fe	gulation gulation from the construction of a second construction of the construction o	on 11, other on the on the onid or requir the pr separa ring p such o	(ii) a seaurit reolamic the so ed by C oposed  te Form Satisma n the F cordence location i This p enced by	both is bond by all ition income inco	the Detin on Lowed requisit, t. 22-4.  shall gittal. V-2 from the company open when the company open the com	partment, active of the for by Code § 22 red by Code he fee requi-8a from the last be requited in connective de la connective	companied by ms prescribed 1-4-2, (iii) F \$ 22-4-12b an red by Code \$ owner of any	(i) a plat in by Regulation orm IV-9, "Red Regulation 22-4-12a, an water well o	I four copies of the form prescribed on 12, or in lieu eclamation Plan", 23, (iv) unless of (v) if applicable, reducibling within imulating a well mit is sought and
by Re there appli previ the co 200 fe  Where The Re The R	gulation of the coalle coalle coal coal to be	other in the property of the p	citica is (ii) a security reclamate the solution is formula the Fo	bond  y ali  y ali  ition  me well.  IV-2  Tatta  orm I  with  shereb  ermit si  7-1-  islon  reco  fift  perat  perat  pad w  this	the De in on loved requisit, t. 22-4.  shall gvist. V-2 from the expense of the e	partment, ace of the for by Code § 22 red by Code he fee required from the last be part of ited in connection of the following t	companied by ms prescribed 1-4-2, (iii) F \$ 22-4-12b an red by Code \$ owner of any  uired for frace f the work for section therewi  c coal operate n under Code receipt there  a mine map e mine map. T	(i) a plat in by Regulation orm IV-9, "Red Regulation 22-4-12a, and water well of turing or stock which a period th.  or and by any \$22-4-20, if of:  e/ of the undersigned register has a period by any of the condensator has a period of the undersigned to th	the form prescribed on 12, or in lieu clamation Plan", 23, (iv) unless of (v) if applicable, recelling within imulating a well mit is sought and coal owner the permit
by Re there appli previ the cc 200 fe  Where The Re The R	gulation of the coalle coalle coal coal to be	other in the property of the p	citica is (ii) a security reclamate the solution is formula the Fo	bond  y ali  y ali  ition  me well.  IV-2  Tatta  orm I  with  shereb  ermit si  7-1-  islon  reco  fift  perat  perat  pad w  this	the De in on loved requisit, t. 22-4.  shall gvist. V-2 from the expense of the e	partment, ace of the for by Code § 22 red by Code he fee required from the last be part of ited in connection of the following t	companied by ms prescribed 1-4-2, (iii) F \$ 22-4-12b an red by Code \$ owner of any  wired for frace f the work for ection therewi  n under Code receipt there  a mine map  d. the well of	(i) a plat in by Regulation orm IV-9, "Red Regulation 22-4-12a, and water well of turing or stock which a period th.  or and by any \$22-4-20, if of:  e/ of the undersigned register has a period by any of the condensator has a period of the undersigned to th	the form prescribed on 12, or in lieu clamation Plan", 23, (iv) unless of (v) if applicable, recelling within imulating a well mit is sought and coal owner the permit