

DEC 9

CIL & GAS DIVISION

DERT-30F MINES (Rev 8-81)



State of Mest Pirginia

Zepartinant of Mines Gil und Cas Bivision

	August 10, 19	83
Operator Well No.	's Jackson # 6	
Farm	Oren Jackson	
API No.	47 ⁻ 085 ⁻	634

OIL & GAS CIVISION TO WELL OPERATOR'S REPORT

Dottiling, FRACTURING AND/OR STIM	ULATING, C	R PHYSICAL	L CHANGE	
WEIL TYPE: Oil xx/ Gas x/ Liquid Injection (If "Gas," Production xx/ Undergro	n/ Wast und Storag	e Disposa ge/ Deep	l/ p/ Sha	llow/
IOCATION: Elevation: 825' Watershed_	Right Fo	rk of Gille	espie Run	
District: Grant County Rit				
COMPANY Alan Gable Oil Development Co.				
ADDRESS P O Box 166, Davisville WV 26142	[:		Toff	Cement
DESIGNATED AGENT Ronald Kudella	4	Used in		fill up Cu. ft.
	Tubing	Drilling	ni werr	Cu. IC.
ADDRESS same	Size 20-16		40'	
SURFACE OWNER Oren Jackson ADDRESS Petroleum, WV	Cond.		40	
	13-10"			
MINERAL RIGHTS CWNER Oren, Olin, Neva Maze Jacks	on _{9 5/8}			
ADDRESS Petroleum, WV	8 5/8		972'	300 sl
OIL AND GAS INSPECTOR FOR THIS WORK	7			
Sam Hersman ADDRESS Smithville, WV	5 1/2			
PERMIT ISSUED # 6346	4 1/2		4000	625 s
DRILLING COMMENCED 7/25/83	3			
DRILLING COMPLETED 8/1/83	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			***
GEOLOGICAL TARGET FORMATION Marcellus		Dep	th 5	700 fe
Depth of completed well 4250' feet	Rotary			<u> </u>
Water strata depth: Fresh 50 feet;				
Coal seam depths: n/a		being min		area?
	ser ba	rk		
OPEN FLOW DATA Producing formation Speechley, Balltown	•	y zone dep	th	fe
		itial open	***************************************	
		nal open f		
				ø
Time of open flow between init Static rock pressure 980 psig(surface				
		ieit) aite	1.00	13 3146 .
(If applicable due to multiple completion			<u>.</u> L	fe
Second producing formation Ganta, Gordon				Bbl.
Gas: Initial open flow Mcf/d				Ebl.
Final open flow Mcf/d				
Time of open flow between init				
Static rock pressurepsig(surface	measurea		nou	IS SHUC

DEFINITS OF PERSONNIED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL COMPTE, ETC.

		•	
Gante		5	
Gordon	2686 - 91	6	
	3511 - 3515	. 5	
	3576-84	9	
LJ Fred	3615 - 20	. 6	1.5 MMCF N2
Tunen.) 3615 - 20 \ 3693 - 97	5	113 12102 11-
	/ 3722 - 35	4	
	3887 - 93	6	

WELL LOG

FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all front and salt water, coal, oil and
	Red Rock	O	1200	
	1st salt	1320	1380	
	2nd salt	1410	1440	
	3 rd salt	1520	1587	
	Upper Maxon	1611	1637	
	Lower-Maxon	1660	1708	
•	Big Lime	1710	1753	
	Keener	1754	1776	
	Big Injun	1778	1900	
	Squaw	1910	1931	
	Berea	2285	2285	
	Gantz	2390	2418	\$25 2285
	Gordon	2685	2693	gas 965
	Upper Speechley	3200	3265	gas'
•	Balltown	3612	3722	gas
	Bradford	4040	4220	gas
		the restrictions of the second	4250 T.I	. Hunonata.
		Re-print age of the contract o		
		-		
		Total Company		
		Towns of the second		

(Attach separate sheets as necessary)

ALAN GABLE OIL DEVELOPMENT CO.

Well Operator JUBAL S. TERRY By: Aug. 10, 1983 Date:

Note: Regulation 2.02(i) provides as follows:

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

DRILLING CONTRACTOR:



1) Date:	J	ANTERY	M PS South	19
2) Opera		1000000		

3) API Well No. State County Permit

OIL AND GAS WELL PERMIT APPLICATION WELLTYPE: A OR B (If "Gas", Production Underground storage Deep Shallow B (If "Gas", Production Underground storage Deep Shallow District;		diopeint -		DEPARTMENT	OF MINES, OIL A	ND GAS DIVIS	ION	
WELL DYPE: A Oil	- (wy 1av 111)	8. VY 25				•		
B (IJ "Car", Production Dadrigmond storage Deep Shallow			do no				· Segment	
WELLOFERATOR Address WELLOFERATOR Address OLA GAS ROYALTY OWNER Address SURFACE OWNER ROYALTY OWNER Address SURFACE OWNER Address Name Address	4) WELL TYP							
District: County: Quadrangle Quadrangle 110 DESIGNATED ACRES Address A	5) LOCATION	B (If "C	as", Production	70.53.75 <> 4.53.75				/ Shallow
DESIGNATED ACRINT	J) LOCATION							ésole Run
OIL & GAS ROYALITY OWNER Address Addre	6) WELL OPE	25% 3 C 18 200		HENT WIL				
OIL & GAS Address Ad			<u> </u>		. 11			
SOFALTY OWNER Address						Address		
Address Addres	7) OIL & GAS	lin Jack	son, Neva	Yaze Jacks	ion			
Address Address Address Address Acreage PIELD SALE (IF MADE) TO: Address Addre		OWNER	<u> </u>		12	COAL OPERA	ATOR	
SURFACE OWNER Address Address Acreage PIELD SALE (IF MADE) TO: Address Address	Addiess	Pekk	olawe. W	26761		Address		44
Address Addres	Acreage			AND THE REAL PROPERTY.	19)	COALOWNE		
Address	S) SURFACE (OWNER	Gran Jecks	273	13)	Name	k(s) WITH DECLA	RATION ON RECORD:
PRED SALE (IF MADE) TO: Address		<u> </u>					3.3	
FIELD SALE (IF MADE) TO: Address Address			LOUINA OV	10202				
OIL & GAS INSPECTOR TO BE NOTIFIED Name	and the second s				·	Name		
OIL & GAS INSPECTOR TO BE NOTIFIED Name Address PROPOSED WORK: Drill						Address		
Name Address PROPOSED WORK: Drill. Other physical change in well (specify) Perforate new formation. Other physical change in well (specify) Perforate new formation. Other physical change in well (specify) Perforate new formation. Other physical change in well (specify) Perforate new formation. The stimated depth of completed well, Feet Sapproximate water strata depths: Fresh, Feet; salt, Feet Sapproximate water strata depths: Fresh, Feet, Sapproximate coal seam depths: Lis coal being mined in the area? Yes. No. CASING AND TUBING PROGRAM AND TUBING PROGRAM CASING AND TUBING PROGRAM CASING AND TUBING PROGRAM AND TUBING PROGRAM CASING AND TUBING PRO	71441033	***************************************						
Address Plus off old formation	OIL & GAS	INSPECTOR	TO BE NOTIFIE	ED	14)			TION ON RECORD:
Address PROPOSED WORK: Drill deper			A the American con-			-		The state of the s
PROPOSED WORK: Drill	Address		V 90.			Address		
GEOLOGICAL TARGET FORMATION. 17	·							
GEOLOGICAL TARGET FORMATION. 17) PROPOSED	WORK: D	orill/	Drill deeper	/ Redrill_	/ Frac	cture or stimulate	/
Samaled usery of completed well,		P	iug oii ola torm	ation	/ Perforate nev	w formation	, · · · .	
Samaled usery of completed well,) GEOLOGIC	O AI TARCETI	riner physical chai	nge in well (spec	ify)			
18) Approximate water strata depths:	17) Estimate	ed depth of con	rORMATION, _	1999	to the take the life and life			
Asproximate coal seam depths: Lis coal being mined in the area? Yes	18) Approxi	mate water stra	ita depths: Fresh	1.50	reet	14 . 228	•	
CASING AND TUBING PROGRAM CASING OR CASING OR CASING OR CASING OR Conductor Conduc	19) Approxi	mate coal seam	depths:		Is soon b	oine mined in all	teet.	
Casing OR TURING TYPE Size Grade per fi. New Used For drilling Left in well Calcineted	CASING AN	ID TUDING D	DOCD AND		Is coar c	eing mined in the	area? Yes	/ No
TURING TYPE Size Grade per ft. New Used For drilling Left in well CRM SACKS Cubic feet)		IUBING P	ROGRAM					
Conductor Conductor Conductor Conductor Size Grade Firsh water Coal Intermediate EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-41-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts by which I hold the right to extract oil or gas. ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts by expensive the continuing contract or contracts by expensive the continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes of No. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the ab named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector or to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the district oil and gas inspector 24 hours before actual permitted work has commenced.				NS	FOOTAGE I	NTERVALS		PACKERS
Prof. water	Candon	Size		New Used	For drilling	Left in well		
Coal					\$ \$ G	358	22.3	Kinds
Depths set Depths set	Coal							
Depths set	Intermediate	8 5/8			7.320	T (3/2/20)	100 000	
EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-41-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes	Production	4 3/4 I	793: 1923					
EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes No Produced or marketed? Yes No Nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abnamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: Signed: Its: Signed: Its: Date Provided the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. For to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify ere district oil and gas inspector 24 hours before actual permitted work has commenced.)	Tubing							Depths set
EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes \(\subseteq \text{No} \) \(\subseteq \subseteq \text{No} \) \(\subseteq \text{Copies} \) (See reverse side.) Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abnamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires OFFICE USE ONLY Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, ere to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify ere district oil and gas inspector 24 hours before actual permitted work has commenced.)	Liners	ļ						Perforations
EXTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes No No To See reverse side.) Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abnamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of the produced of the mailing or delivery of this Permit Application to the Department of the Contract of the contractor and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, ere district oil and gas inspector 24 hours before actual permitted work has commenced.) In the providence of the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, ere district oil and gas inspector 24 hours before actual permitted work has commenced.)								
Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extrace produced or marketed? Yes \(\sqrt{No} \) \(\sqrt								
Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extrace produced or marketed? Yes \(\sqrt{No} \) \(\sqrt	EXTRACTIO	N DICITE		<u> </u>				
Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas. The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.) ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes No No Copies (See reverse side.) Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abnamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires OFFICE USE ONLY Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, ere district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify ere district oil and gas inspector 24 hours before actual permitted work has commenced.)			e following:					
ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes No Company No. The nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abnamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Date Date Department subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, ere district oil and gas inspector 24 hours before actual permitted work has commenced.) unless drilling is commenced prior to that date and prosecuted with due diligent unless drilling is commenced prior to that date and prosecuted with due diligent unless drilling is commenced prior to that date and prosecuted with due diligent unless drilling is commenced prior to that date and prosecuted with due diligent unless drilling is commenced.)	Include	d is the lease of	or leases or other	continuing contr	act or contracts by	mbiah T.b13 di		
ROYALTY PROVISIONS Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extract produced or marketed? Yes No No Nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the abamed coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: Signed: DATE Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. ere district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify unless drilling is commenced prior to that date and prosecuted with due dilliger.	14 pt 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	un onione of C	ode 22-4-1-(c) (1)	through (4). (S	ee reverse side for s	pecifics.)	right to extract oil or	gas.
produced or marketed? Yes No No No Hor of the oil of gas in place which is not inherently related to the volume of oil or gas so extract the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the about named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Its: Date Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. er district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify unless drilling is commenced prior to that date and prosecuted with due diliger.	ROYALTY PI	ROVISIONS						
produced or marketed? Yes No No No Hor of the oil of gas in place which is not inherently related to the volume of oil or gas so extract the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the about named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Its: Date Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. er district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify unless drilling is commenced prior to that date and prosecuted with due diliger.	similar provisi	extract, produc	e or market the oi	l or gas based up	on a lease or other c	ontinuing contrac	ct or contracts providi	ng for flat well royalty or
ne answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. Required Copies (See reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the about Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires OFFICE USE ONLY Date Permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ere to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify mit expires unless drilling is commenced prior to that date and prosecuted with due diligented.				ner of the oil or	gas in place which	is not inherently	related to the volum	ne of oil or gas so extrac
Copies (see reverse side.) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the ab named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Departmen Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Its: Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ere to No. 10) Prior to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. Per district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify unlike the permit of the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify unlike the permit of the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify unlike the permitted work has commenced.)	he answer above	e is No, nothin	g additional is ne	eded. If the answ	wer is Yes, you may	use Affidavit Fo	orm IV-60	
Mines at Charleston, West Virginia. Notary: Signed: My Commission Expires Its: OFFICE USE ONLY Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ere to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify and texpires unless drilling is commenced prior to that date and prosecuted with due diliger.	reamed Com	es ince reverse	SIDE 1					
Notary: My Commission Expires OFFICE USE ONLY DRILLING PERMIT Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. Here district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the expires	named coal or	erator, coal of	wner(s), and coal	losed plat and re lessee on or befo	clamation plan hav	e been mailed by	registered mail or de	livered by hand to the ab
OFFICE USE ONLY Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. Per district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the performance of the contractor of the contractor shall notify the contractor of the contractor of the contractor shall notify the contractor of the contrac	Mines at Char	leston, West V	irginia.	01 0011	one day or the fi	aming or delivery	or this Permit Appli	cation to the Departmen
OFFICE USE ONLY Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. Per district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the performance of the contractor of the contractor shall notify the contractor of the contractor of the contractor shall notify the contractor of the contrac	Notary:				_	igned.	er i village en	and the second s
OFFICE USE ONLY DRILLING PERMIT Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal er to No. 10) Prior to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. Here district oil and gas inspector 24 hours before actual permitted work. In addition, the well operator or his contractor shall notify the permitted work has commenced.) Date United the permitted work in addition, the well operator or his contractor shall notify the permitted work has commenced.) United the permitted work has commenced prior to that date and prosecuted with due diligent to the permitted work and prosecuted with due diligent to the permitted work and prosecuted with due diligent to the permitted work and permitted work has commenced prior to the permitted with due diligent to the permitted with due diligent to the permitted work and permitted work has commenced prior to the permitted with due diligent to the permitted with due diligent to the permitted work and permitted work has commenced prior to the permitted with due diligent to the permitted with due diligent to the permitted work and permitted work and permitted work are permitted			July 17, 1	999	3	-	Desimple to a	
DRILLING PERMIT Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal er to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify er district oil and gas inspector 24 hours before actual permitted work has commenced.) unless drilling is commenced prior to that date and prosecuted with due diliger		-			-		The control of the co	on growth and the
permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. er to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify entitle work has commenced.) mit expires								
Date permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal er to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the contractor shall not shall	mit au_L			DR	ILLING PERM	IIT		
permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal ements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. er to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify er district oil and gas inspector 24 hours before actual permitted work has commenced.) unless drilling is commenced prior to that date and prosecuted with due diliger	am number							
er to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify not expire to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify not expire unless drilling is commenced.)	s permit coverin	g the well oper	rator and well loc	ation shown held	OW is evidence of m	ermission arcated		
per district oil and gas inspector 24 hours before actual permitted work has commenced.) mit expires	rements subject	to the conditio	ns contained here	in and on the re	verse hereof. Notifi	cation must be ei	ven to the District O	e with the pertinent legal
nit expiresunless drilling is commenced prior to that date and prosecuted with due diliger	per district oil a	nd gas inspecte	ruction of roads, lot 24 hours before	locations and pit	s for any permitted	work. In addition	, the well operator or	his contractor shall notify
unless drilling is commenced prior to that date and prosecuted with due diliger		O		actual permitte	d work has comme	ncea.)		
Agent: Plat: Casing Fee					unless drillin	g is commenced p	rior to that date and n	prosecuted with due diliger

Permit expires	Jovesher-	21, 1995		unless d	rilling is commenced prior to that date and prosecuted with due diligence.
Bond:	Agent:	Plat:	Casing	Fee	and prosecuted with due diligence.
		سان ،			Administrator Office of Oil and Cos