	lothani Logiani Cardul	a csime infin	and the second		
	3		LATITUDE	39 25	
0 1 2	J				
				\sim \sim \sim	
				And the second second second	
		الموسية الموسية			
-1		, adving,			820
					1-
					Ĉ
					o
				4	C
-2				0.50	8
				11200	i i
	1 d 0 x			\$ # 2 p.	Ē!
-	Had ABE!				ONGITUDE
ceot					9
-3	.57				. 25
247		(Po			
<i>μ</i> _C	10	٥			
stoka ostar	13.70-11	2			
- \	1000 B				Control of the contro
00/		2 0			
	10	N			V.77
7 3	27	- 5			
); a;	1 1 1 1 1	7			
	2 2	1. 3			
3	2/ / 8	10			
Ö				***************************************	
·					-
	\ Al-				
	TO TON				
	1368				
	Talkington For	E			
7					-
					September 1
	Minimum Error of C	300000 /in 200	2'		
TA CONTRACTOR				/ ' 3	
	Source of Elevation.	Elexat mout	hot Beu	<u>urlia : 322</u>	
	I, the undersigned, h	eroby certify that th	is map is co	ract to the best	of my know-
Fracture	ladda and bankar and	shows all the information	ngtion requir thou of the M	ed by paragraps	West Virginia.
New Location) sid regimenous or	FIRS ANT STATE STA			
Drill Deeper			<u> </u>	S E	W
Abandonment	Map No.	Squares	N	3 (3)	
		A Charles II		ST VIRGIN	IA.
Company Ramco Oi	1 & Gas Corp.) STA	ie of Wi Departnen	t of Minis	
	re. Ohio	. Or	l and Ga	O DIVISION	
			CHARL	NOTON	S. S
Farm R. Robinson					-
Tract Acres 17.5	Lease No	- WELL	LOCA	ATION	MAP
Well (Farm) No. One		_			
Name of the state			na Da	5-1716-	Rev.
Elevation (Spirit Level)	. 7	3° 3° 3° 3° 3° 3° 3° 3° 3° 3° 3°		and the second s	
Quadrangle Centerpoint	- (-		location of	well on Unit	ad States
County Doddridge Die	strigt McClelleo	Tanograph	ie Mata se	de 1 to 62,500	, latitude
Engineer Ms Sac		فودك كوه الم	ania lines	being represe	ented by
	\ /	border line			
Engineer's Registration No.—		Therefore	ana inch a	paces on bord	er line of
	wing No.	original tr		An extended and security reply after the ground	
Date Dec. 9, 1972 Scal	e <u>/"=400'</u>				
TRABCO	2 ·	8 -			nen 1 o 1070
All	111	ann. / 1 -		Walter Control	mmn 4 A 4070

6-6 Smithton-Flint-Sedalia

(99) DEC 1 8 1972





STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

DEFT. OF WINES

39-30

Oil and Gas Division WELL RECORD

Quadrangle Centerpoint			Recycling_	
Permit No. DOD-1716			Water Floor	d Storage
			Disposal	(Kind)
Company RAMCO Oil & Gas Corp. Address P. O. Box 99, Belpre, Ohio 45714, Farm R. Robinson Acres 17.5	Casing and Tubing 30.1	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters) Bevelin Fork Well No. 1 Elev. 880¹ District McClellan County Doddridge	Size 20-16 Cond.			
The surface of tract is owned in fee by	13-10" 9 5/8			
Address Centerpoint, W. Va.	8 5/8	645'	6451	175 sks.
Mineral rights are owned by R. Robinson Heirs	7			
Address Centerpoint, W. Va.	5 1/2			
Drilling Commenced 12/3/72	4 1/2		1871'	75 sks.
Drilling Completed 12/11/72	3			
Initial opén flow cu. ft. bbls.	2			
Final production 1, 100MCE, ft. per daybbls. Well openhrs. before test560# RP.	Liners Used			
well open Ar hrs. before test you RP.				

Well treatment details:

Attach copy of cementing record. LawsonCementingCo., Inc.

Fractured - DOWELL - 585 bbls. water; 32,000# 20/40 sand; 500# 10/20 sand;

500 gals. 15% acid.

Perforated: (1811' - 1821') 10 holes; (1837' - 1841') 4 holes

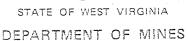
Coal was encountered at __none reported ______ Feet _____ Salt Water _____ Feet _____ Producing Sand ____ Big Injun _____ Depth ___ 1812' - 1847'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Lime & Shale		Soft	0	50	et terretaria en esta la comitación de construction de constru	en vertreilten tren gehann sin och sin krimitische Streiter Godern Stadt und zich en segen segen se
Lime		Hard	50	285		
Lime & Shale		Soft	285	765	•	
Shale & Lime		Soft	765	1180		
Shale & Sand		Soft	1180	1535		*
Lime & Shale		Soft	1535	1700		
Pencil Cave		Soft	1700	1724		
*Big Lime	**;	Hard	1724	1781		
*Keener		Hard	1781	1803		
Shale		Soft	1803	1806	,	
Big Injun		Hard	1806	1878		
Shale		Soft	1878	1908		
TD		and the second s	1908			
		, and the state of				
		overellino.	A-A-COMEZZEG-	A CASTONIA DE LA CASTONIA DEL CASTONIA DE LA CASTONIA DEL CASTONIA DE LA CASTONIA DEL CASTONIA DEL CASTONIA DE LA CASTONIA DE LA CASTONIA DE LA CASTONIA DE LA CASTONIA DEL CASTONIA DE LA CASTONIA DEL CASTONIA DE LA CASTONIA DE LA CASTONIA DE LA CASTONIA DE LA C		
		N				
		iii jirii aa a	-			
		Medicilina		-		Topy September 1

(over)

^{*} Indicates Electric Log tops in the remarks section.









Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,				
Charleston, W. Va.	DATEN	November 28, 19	972	
Surface Owner R. Robinson Heirs	Company	RAMCO OII & C	Gas Corp.	
Address Centerpoint, W. Va.			Belpre, Ohio 4571.	4
Mineral Owner R. Robinson Heirs	Farm R.	Robinson	Acres17.5	········
Address Centerpoint, W. Va.	Location (w	FK. of Talking	ton Fork	·
Coal Owner R. Robinson Heirs	Well No	.	Elevation 88	<u>10'</u>
Address Centerpoint, W. Va.	DistrictN	\cClellan	County Dodo	lridge
Coal Operator None - no coal is being mined	Quadrangle_	Centerpoint		
Address in this area.				
	INSPECT	OR TO BE NOTH	FIED Wm. Blosse	r
HIS PERMIT MUST BE POSTED AT THE WELL SITE	Colfax,	W.Va.	PH: 363-9105	
l provisions being in accordance with Chapte	r 22,			
the W. Va. Code, the location is hereby app	roved			
r drilling . This permit shall expire erations have not commenced by 3-28-73	if		•	
Trafect of Ford	Alterior Co.			
puty Director - Oil & Gas Division				
GENTLEMEN:				
	he above named :	farm or tract of lar	nd for oil and gas, hav	ng fee
The undersigned well operator is entitled to drill upon the	he above named :	farm or tract of lar	nd for oil and gas, hav	ng fee
The undersigned well operator is entitled to drill upon the thereto, (or as the case may be) under grant or lease	dated Marc	h 18, 19	72 by M&M	
The undersigned well operator is entitled to drill upon to title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co.	dated Marc	h 18, 19	72 by M&M	
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 1972, in Doddridge County, Book 95	dated Marc Corp. and rec Page	h 18, 19 orded on the 1 681	- 72 byM & M Ist day of _Ap	t some
The undersigned well operator is entitled to drill upon to title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER	dated Marc Corp. and rec Page REDR	h 18, 19 corded on the 1 681 ILL FR	- 72 byM & M Ist day of _Ap	t some
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95	dated Marc Corp. and rec Page REDR	h 18, 19 corded on the 1 681 ILL FR	- 72 byM & M Ist day of _Ap	t some
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE	dated Marc Corp. and rec Page REDRI ED BEFORE JUN	h 18, 19 corded on the 1 681 ILL FR NE 5, 1969.	ACTURE OR STIMU	ril
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE	dated Marc Corp. and rec Page REDRI ED BEFORE JUN	h 18, 19 corded on the 1 681 ILL FR NE 5, 1969.	ACTURE OR STIMU	ril
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an	torded on the	ACTURE OR STIMUI	ril ATE rators
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D	torded on the	ACTURE OR STIMUI	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail	torded on the	ACTURE OR STIMULACIONE and/or operish to make, or are resident to the substitution of	ril ATE rators quired * rators
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER DILL OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail	torded on the	ACTURE OR STIMULACIONE ON ACTURE OR STIMULACIONE ON STIMULACIONE ON ACTURE ON STIMULACIONE AND ACTURE ON A	ril ATE rators quired * rators
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER DILL OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI CD BEFORE JUN or licensed land y notified that an filed with the D by registered mail	torded on the	ACTURE OR STIMULACIONE ON ACTURE OR STIMULACIONE ON STIMULACIONE ON ACTURE ON STIMULACIONE AND ACTURE ON A	ril ATE rators quired * rators
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER DILL OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min	torded on the	ACTURE OR STIMUI coal owners and/or ope wish to make, or are re s within ten (10) days. e above named coal ope before, or o West Virginia.	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER DILL OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min	torded on the	ACTURE OR STIMULACTURE OR STIMULACTURE OR STIMULACTURE or are respectively to the make, or are resp	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER DILL OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min	torded on the	ACTURE OR STIMULATION of Action of A	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLING The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by coal owners at their above shown respective address	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min Very truly you (Sign Name)	torded on the	ACTURE OR STIMULACTURE OR STIMULACTURE OR STIMULACTURE or are respectively to the make, or are resp	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Data Additional control of the code	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min Very truly you (Sign Name)	torded on the	ACTURE OR STIMULATION of Action of A	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of this copy to the Death of the code of the code of this copy to the Death of the code of the code of this copy to the Death of the code	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min Very truly you (Sign Name)	torded on the	ACTURE OR STIMULACTURE OR STIM	ril ATE rators quired *
The undersigned well operator is entitled to drill upon the title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72, in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Data Additional control of the code of this copy to the Data Additional code of the code of this copy to the Data Additional code of the code of this copy to the Data Additional code of the code of this copy to the Data Additional code of the code of this copy to the Data Additional code of the code of the code of this copy to the Data Additional code of the code of th	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min Very truly you (Sign Name)	torded on the 1681 ILL FR NE 5, 1969. Surveyor and all of the day objection they we epartment of Mines at Charleston, Vers, RAMCO Of the day well open P. O. Street Bell	ACTURE OR STIMULA ACTURE OR STIMULA coal owners and/or ope vish to make, or are reservithin ten (10) days. e above named coal ope before, or one West Virginia. il & Gas Corp. ator Box 99	ril ATE rators quired * rators
title thereto, (or as the case may be) under grant or lease Oil & Gas Co. made to RAMCO Oil & Gas Co. 19 72 in Doddridge County, Book 95 X NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLE The enclosed plat was prepared by a registered engineer have been notified as of the above date. The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or Copies of this notice and the enclosed plat were mailed by or coal owners at their above shown respective address—same day with the mailing or delivery of this copy to the Day Additional Control of the Code of this copy to the Day Additional Code of the Code of this copy to the Day Additional Code of the Code of this copy to the Day Additional Code of the Code of this copy to the Day Additional Code of the Code of the Code of this copy to the Day Additional Code of the Code of th	dated Marc Corp. and rec Page REDRI ED BEFORE JUN or licensed land y notified that an filed with the D by registered mail Department of Min Very truly you (Sign Name)	torded on the	ACTURE OR STIMULA ACTURE OR STIMULA coal owners and/or ope vish to make, or are reservithin ten (10) days. e above named coal ope before, or one West Virginia. il & Gas Corp. ator Box 99	ril ATE rators quired *

*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

DOD-1716

LPERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

DRILLING CONTRACTORS: (If Reserts) NAME Gerden Drilling (a	PROPOSED WORK ORDER T	O X DRILL	DEEPEN FRACTURE-STIMULATE			
ADDRESS Solem, Hilliofs TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TELEPHONE TO COMPLETED WELL: 2055' ROTARY X CABLE TOOLS.	NAME Garden Drilling Co.					
TELEPHONE (304) 354-7557 ESTINATED DEFTH OF COMPLETED WELL: 2055' ROTARY X CABLE TOOLS. FROMORED GEOLOGICAL PORMATION: Big injun TYPE OF WELL: OIL GAS X COMB. STORAGE DISTORAL RECYCLING WATER FLOOD OTHER. CASING AND TUBING USED FOR LEFT IN CEMENT FIEL OF SAZE. CASING AND TUBING USED FOR LEFT IN OR SAXES CORRY. TELL OF SAZE. 20-16. 13-16 3-18 3-18 3-18 3-18 3-18 3-19 3-18 3-19						
ESTIMATED DEPTH OF COMPLETED WELL 2055' ROTARY X CABLE TOOLS PROPOSED GEOLOGICAL FORMATION. Big Injun TYPE OF WELL: OIL GAS X COMB STORAGE DISPOSAL RECYCLING WATER FLOOD OTHER TENTATIVE CASING PROGRAM: CASING AND TUBING USED FOR LUIT IN CHAINT FILL UP OR SACKS - CUBIC FT. 10-10 2-598 2-200' 200' 200' 200' 200' SET SALT WATER FLOOD PRILING PRILING PRILING PRILING APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FRET SALT WATER FEET APPROXIMATE DOOR OF FLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG -1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. OF FLAT AND THE ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE COPIES OG -1, PERFORMANCE BOND. OIL AND/OR GAS WELL ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE COPIES OG -1, SHOWING DRICKED WATER DEPTHS NUMBER AND PERFORMANCE BOND. The following waiver must be filed within sinety (50) days of completion for bond release. Inspector to be notified twen the lease have examined and place on our mine maps this proposed will location: We the COST Company have no objections to said well being didled at this			/20.			
PROFOSSID GEOLOGICAL PORMATION. Big Injun TYPE OF WELL: OIL GAS X COMB. STORAGE DISPOSAL RECYCLING WATER FLOOD OTHER TENTATIVE CASING PROGRAM: CASING AND TURING USED FOR LEFT IN CHAINT FILL UP SIZE DRILLING WELL OR SACKS CURK IT. 19 - 16 19 - 15 19 - 16 19 - 19 - 19 19 - 19 - 19 19 - 19 -	TELEPHONE	0055				
TYPE OF WELL: OIL GAS K COMB STORAGE DISTORAL RECYCLING WATER FLOOD OTHER TENTATIVE CASING PROGRAM: CASING AND TUSING USED FOR LEFT IN CHART FILL UP SIZE DISTORATE OR SACKS - CUBIC 17. 20-16. 11-10 9-588 5-589 200 200 200 200 200 200 5-59 5-59 205 7-7 20-10 20-1	ESTIMATED DEPTH OF COM	PLETED WELL: 2000.	ROTARY X	_ CABLE TOOLS		
TENTATIVE CASING PROGRAM: CASING AND TUBING USED FOR ULST IN CASING AND TUBING USED FOR USED FOR USED IN SIZE USED FOR	PROPOSED GEOLOGICAL FO	RMATION: Big Injun	-			
TENTATIVE CASING PROGRAM: CASING AND TUBING CASING AND TUBING CASING AND TUBING SIZE DANALING DERLING DERLING DERLING WILL OR NACKS - CUBIC FT. 10 - 10 10 - 10 11 - 10 2 - 5/3 8 - 5/3 2 - 200¹ 2 - 200¹ 7	TYPE OF WELL: OH					
CASING AND TUBING USED FOR USED FOR WILL OR SACKS - CUBIC LT. 20-16 31-10 9-5/5 8-5/8 200' 200' 200' 200' 7 5/5 5/5 1-20 1		RECYC	LING WATER F	LOOD OTHER		
CASING AND TUBING USED FOR USED FOR WILL OR SACKS - CUBIC LT. 20-16 31-10 9-5/5 8-5/8 200' 200' 200' 200' 7 5/5 5/5 1-20 1						
SIZE DRILLING WELL OR SACKS - CUBIC FT. 20-16 13-10 9-5/8 8-5/8 8-5/8 200' 200' 200' 200' 200' 200' 200' 200' 350' 350' 361 370 Perf. Top. Perf. Bottom Perf	TENTATIVE CASING PROGR.	AM:				
SIZE DRILING WELL OR SACKS - CUBRC FT. 20-16 13-10 9-518 8-578 200 200 200 200 200 200 7 519 519 52 Perf. Top Perf. Bottom Perf. Sattom Perf. Top Perf. Sattom	CASING AND TUBING	USED FOR	LEFT IN	CEMENT FILL UP		
19 19 19 19 19 19 19 19	_	DRILLING	WELL	OR SACKS - CUBIC FT.		
9-5/8 8-5/8 200' 200' 200' 200' 7 7 5 % 4 % 2055' 350' 3 Perf. Top Perf. Button Perf. Button Perf. Bettom Per	20 - 16		-			
8 - 5/8 2001 2001 2001 2001 7	13 - 10					
5 % 4 % 2055¹ 350¹ Perf. Top. Perf. Botton Ref. Top. Perf. Botton	9 - 5/8		0003	0001		
5 % 4 % 2055' 350' Perf. Top Perf. Top Perf. Bottom APPROXIMATE FRESH WATER DEPTHS 50 PEET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 PEET SALT WATER FEET APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA? DO BY WHOM? TO ORILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT CO OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. OF WELLS BRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOMMENT ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, PIVE COPIES OG - 1, SHOWING ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, PIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. INTO ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. The following waiver must be completed by the cost operator if the permit is to be issued within ten days of recompleted forms must be filled within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) bours in advance. The following waiver must be completed by the cost operator if the permit is to be issued within ten days of recompleted in the undersigned, Agent for Coal Company, Owner or Operator of the coal until the lease have examined and glace on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	8 - 5/8	200'	200'	200.		
2055 350' Perf. Top Perf. Bottom APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA? DO BY WHOM? TO ORILL: SUBMIT FIVE (6) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT CO OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. (WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOMMENT ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filled within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of restheract. WAIVER: I the undersigned, Agent forCoal Company, Owner or Operator of the coal or this iesse have examined and glace on our mine maps this proposed well location. We theCoal Company have no objections to said well being drilled at this location.						
Perf. Top Perf. Bottom Perf. Bo			20551	2501		
Perf. Bottom Perf. Top				· ·		
APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA? NO BY WHOM? TO ORILL. SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT CO OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. OF WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECO MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filled within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of received. WAIVER: I the undersigned, Agent for	3					
APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA? 100 BY WHOM? TO ORILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT CO OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. (WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOMUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rectherool. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal up this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	liners			Perf. Top		
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA?	,			Perf. Bottom		
APPROXIMATE COAL DEPTHS IS COAL BEING MINED IN THE AREA?		•				
OF PLAT. TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. (WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECO MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Itequired forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rec thereof. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal un this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.						
SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. (WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECO MUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rec theraof. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal un this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	•	ES OF OG - 1, \$100.00 PER	MIT FEE, PERFORMANCE	BOND AND PERMANENT COPY		
WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECOMUST ALSO BE SUBMITTED. TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG -1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG -1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rectheraol. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal unthis lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	TO DRILL DEEPER OR REDI	RILL:				
OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG -1, PERFORMAN BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG -1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rectherool. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal use this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	WELLS DRILLED PRIOR	R TO 1929, A PERMANENT				
OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG -1, PERFORMAN BGND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG -1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of recthereof. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal use this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	TO FRACTIRE . STIMILATE	1.				
OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG -1, SHO ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND. Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twen four (24) hours in advance. The following waiver must be completed by the coal operator if the permit is to be issued within ten days of recthereof. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	OIL AND/OR GAS WELL	ORIGINALLY DRILLED BE		5) COPIES OG - 1, PERFORMANCE		
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of rectheract. WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal use this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	OIL AND/OR GAS WELL	ORIGINALLY DRILLED ON	AND/OR AFTER JUNE 5,	1929, FIVE COPIES OG - 1, SHOW-		
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.	·		of completion for bond relea	se. Inspector to be notified twenty-		
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.						
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.						
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.						
WAIVER: I the undersigned, Agent for Coal Company, Owner or Operator of the coal until this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.						
this lease have examined and place on our mine maps this proposed well location. We the Coal Company have no objections to said well being drilled at this location.		st be completed by the coal	operator if the permit is to	be issued within ten days of receipt		
providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virgi	We the	Coal Compar	ny have no objections to said	d well being drilled at this location,		
		as complied with all rules and	regulations in Articles 4, 5, a	nd 7, Chapter 22 of the West Virginia		
Code:	Code:					
For Coal Company				For Coal Company		

Official Title