

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. J-681
API Well No. 47 - 0855733
State County P

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /)

LOCATION: Elevation: 1120 Watershed: North Fork Marsh Run
District: Clay County: Ritchie Quadrangle: Pennsboro

WELL OPERATOR J&J Enterprises, Inc.
Address P.O. Box 48
Buckhannon, WV 26201

DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER Chandos Hickman et ux
Address Rt. # 2, Box 120
Pennsboro, WV 26415

COAL OPERATOR None
Address

SURFACE OWNER Chandos & Nellie Hickman
Address Rt. # 2, Box 120
Pennsboro, WV 26415
Acreage 35.31

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Chandos & Nellie Hickman
Address Rt. # 2, Box 120
Pennsboro, WV 26415

FIELD SALE (IF MADE) TO:
Name Unknown
Address

Name
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace
Address Rt. # 1, Box 5
Sandridge, WV 25274

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

RECEIVED

JUN 18 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract x / dated 8/20, 1981, to the undersigned well operator from Sheldon & Sheldon, Inc.

[If said deed, lease, or other contract has been recorded:]
Recorded on 8/24, 1981, in the office of the Clerk of the County Commission of Ritchie County, West Virginia, in Lease Book 138 at page 130. A permit is requested as follows:

PROPOSED WORK; Drill x / Drill deeper ___ / Redrill ___ / Fracture or stimulate x /
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above 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 of Mines at Charleston, West Virginia.

04/19/2024

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

J&J Enterprises, Inc.
Well Operator

By Peter Battles
Peter Battles
Geologist

[08-78]

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company

Address P.O. Box 48

Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5400 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 420 feet; salt, 600 feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	11 3/4	H-40	42	x		450'	450'	CTS	Kinds
Fresh water	8 5/8	ERW	23	x		1100	1100	To surface	
Coal	8 5/8	ERW	23	x		1100	1100	To surface	Sizes
Intermediate									
Production	4 1/2	J-55	10.5	x		5350	5350	500 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.

ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling **. THIS PERMIT SHALL EXPIRE**

IF OPERATIONS HAVE NOT COMMENCED BY 3-6-83

BY [Signature]
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R


The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.


04/19/2024

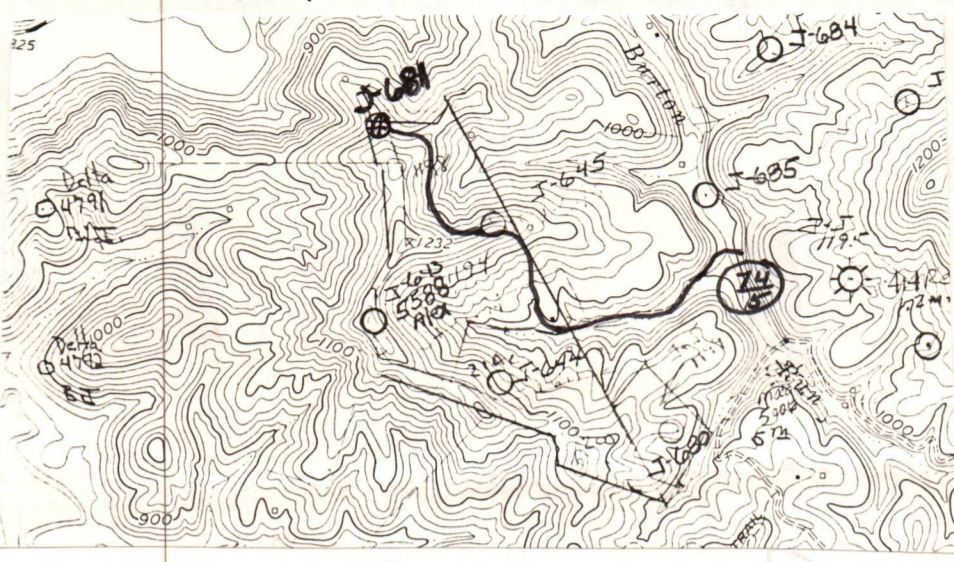
Date: _____, 19____

By _____
Its _____

LEGEND

Well Site 

Access Road 















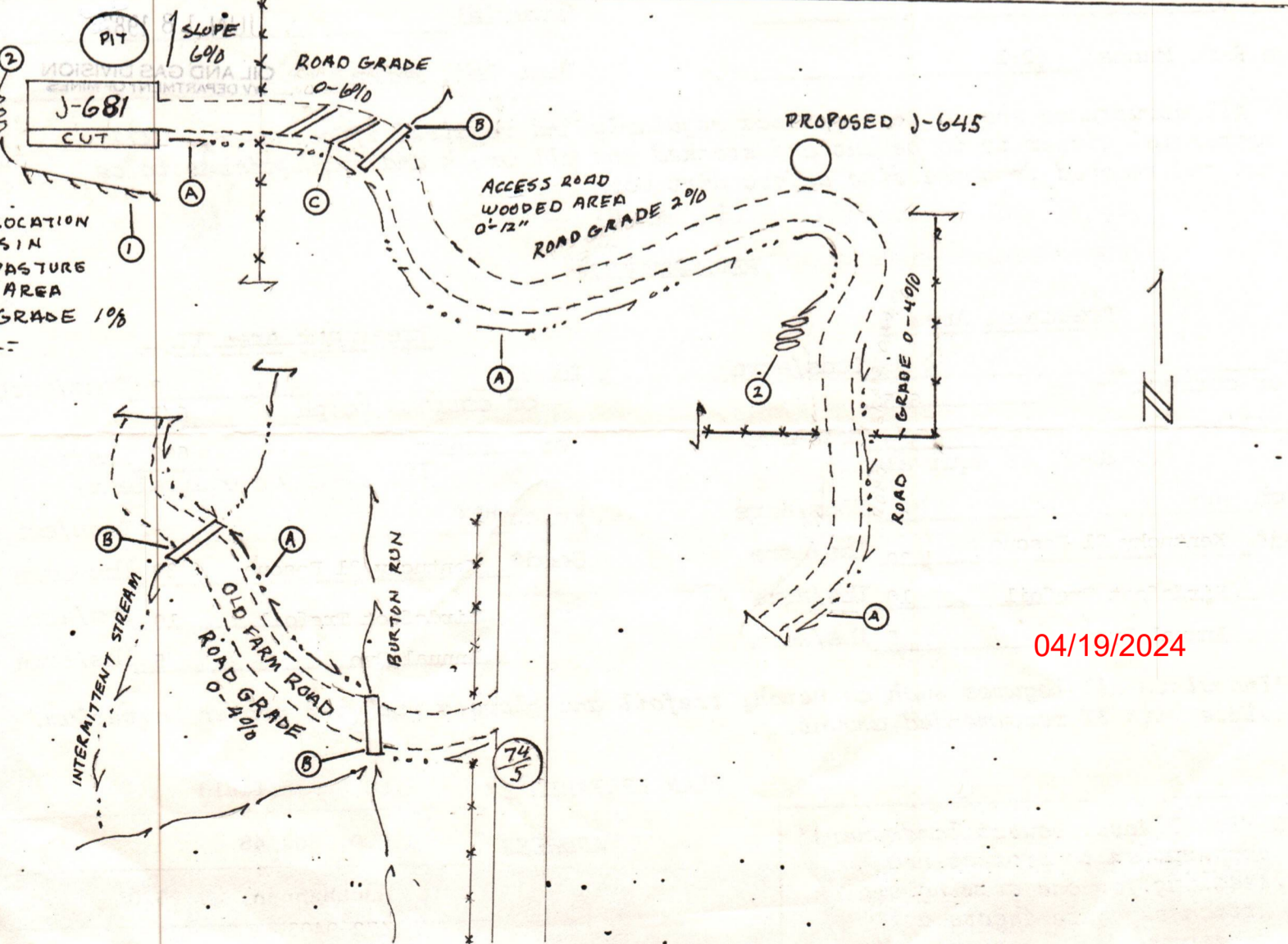
Access road will follow up-graded farm road. All grades for location and road are indicated on drawing as well as sediment control structures. All timber will be cut and stacked. Access road subject to change between company and land owner or acquirement of Right of Way. If changed, a revised plan will be submitted. All cuts on 2:1 slope.

WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wells, drilling pits and necessary structures numbered or lettered to correspond with the field part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



04/19/2024

WV-9
(Rev. 3-31)

DATE June 1, 1982

WELL NO. J-681

State of West Virginia

API NO. 47 - 085 - 5733

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.

DESIGNATED AGENT Harry L. Barnett

Address P.O. Box 48 Buckhannon, WV 26201

Address P.O. Box 48 Buckhannon WV

RECEIVED

JUN 18 1982

DEPARTMENT OF MINES
OIL AND GAS DIVISION

04/19/2024

Cooperation to provide new
seeding for one growing season.
Attach separate sheets as
necessary for complete

Buckhannon, WV 26201

472-9403

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

Alexander: Perforations: 5327-31 (10 shots)

Fracturing: 100 sacks 80/100 sand: 400 sacks 20/40 sand:
800 gal. Acid: 500 Bbls. fluid.


Benson: Perforations: 5035-37 (9 shots)

Fracturing: 100 sacks 80/100 sand: 400 sacks 20/40 sand:
800 gal. Acid: 500 Bbls. fluid

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Top Soil			0	10	
Red rock, sand & shale			10	150	
Red rock, sand & shale			150	302	Gas ck @ 2206 16/10-7" w/water
Coal			302	305	1,754,000 cu.ft.
Sand, shale & red rock			305	595	
Sand, shale & red rock			595	800	Gas ck @ 2816 4/10-7" w/water
Coal			800	805	876,000 cu.ft.
Sand, shale & red rock			805	935	
Red rock, sand & shale			935	986	Gas ck @ 3584 10/10-7" w/water
Red rock, sand & shale			986	1090	1,387,000 cu.ft.
Red rock			1090	1147	
Sand & shale			1147	1211	Gas ck @ 4288 12/10-7" w/water
Sand & shale			1211	1535	1,518,000 cu.ft.
Sand & shale			1535	2005	
Lime			2005	2744	Gas ck @ 4706 20/10-2" w/Mercury
Shale			2744	3296	696,000 cu.ft.
Sand & shale			3296	4570	
Sand & shale			4570	5015	Gas ck @ 5053 32/10-2" w/mercury
Sand & shale			5015	5020	880,000 cu.ft.
Sand & shale			5020	5035	
Benson			5035	5037	Gas ck @ 5504 20/10-2" w/mercury
Sand & shale			5037	5327	696,000 cu.ft.
Alexander			5327	5331	
Sand & shale			5331	5504	Gas ck after logging 22/10-2" w/me
					730,000 cu.ft.
				T.D.	

(Attach separate sheets to complete as necessary.)

J&J Enterprises, Inc.
Well Operator
By 
Peter Battles
Geologist

04/19/2024

NOTE: Regulation 2.02(f) provides as follows:

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

[08-78] **RECEIVED**

Operator's Well No. J-681

API Well No. 47 - 085 - 5733
State County Permit

SEP 28 1982

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

REVISED AFTER FRAC
FRACKED 8/6/82

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /)

LOCATION: Elevation: 1120 Watershed: North Fork Marsh Run
District: Clay County: Ritchie Quadrangle: Pennsboro

WELL OPERATOR J&J Enterprises, Inc. DESIGNATED AGENT H.L. Barnett
Address P.O. Box 48 Address P.O. Box 48
Buckhannon, WV 26201 Buckhannon, WV 26201

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

PERMIT ISSUED ON 6/18, 19 82

OIL & GAS INSPECTOR FOR THIS WORK:

(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED

Name Deo Mace
Address Rt. # 1, Box 5
Sandridge, WV 25274

GEOLOGICAL TARGET FORMATION: Alexander Depth _____ feet
Depth of completed well, 5504 feet Rotary X / Cable Tools ___
Water strata depth: Fresh, _____ feet; salt, 0 feet.
Coal seam depths: 302-05,800-05 Is coal being mined in the area? NO
Work was commenced 7/23, 1982, and completed 7/27, 19 82

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor	11 3/4	H-40	42	x		36.50	36.50	0 sks. Kinds
Fresh water	8 5/8	ERW	23	x		1156.85	1156.85	300 sks. Sizes
Coal	8 5/8	ERW	23	x		1156.85	1156.85	300 sks. Depths set
Intermediate								
Production	4 1/2	J-55	10.5	x		5390.35	5390.35	150 sks. Perforations:
Tubing								Top Bottom
Liners								
								5035 5037
								5327 5331

OPEN FLOW DATA

NATURAL- BIG INJUN

Producing formation _____ Pay zone depth _____ feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d
Final open flow, 880 Mcf/d Final open flow, _____ Bbl/d

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 200 psig (surface measurement) after 48 hours shut in

[If applicable due to multiple completion--]

Second producing formation Alexander & Benson Pay zone depth 5035-37 feet

Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ Bbl/d

Combined Final open flow, 880 Mcf/d Final open flow, _____ Bbl/d

Time of open flow between initial and final tests, 4 hours

Static rock pressure, 200 psig (surface measurement) after 96 hours shut in

Pf=PweXGLS

$$t=60 + (0.0075 \times 5390) + 459.7 = 560 \quad x = \frac{1}{55.34} \times 560 \quad \frac{1}{29877} = 0.0000335 \quad Pf = 200 \times 2.72 \quad (0.0000335)$$

$$(0.719)(5183)(0.0) = 200 \times 2.72^{0.1} = 200 \times 1.12 =$$

Pf=223 psi

04/19/2024

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

RECEIVED

JUL 27 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

47-85-5733

Permit No. _____

Oil or Gas Well
(KIND)

Company <u>J + J Enterprises Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Chandus + Nellie Hickman</u>	16			Kind of Packer _____
Well No. <u>J-681</u>	13			
District <u>clay</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Contractor = S. W. Jock Drilling Co. Rig #1
 Drillers' Names Joseph McVicker, R. D. Winans, T. J. Bradley, Deming Horton
 Tool Pusher Chorley Wamsley

Remarks: More in set up - Had started drilling
Put in 36 1/2' of 13 3/8 casing for conductor

7-23-82

DATE

Samuel M. H. Brown 04/19/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

JUL 27 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5733

Oil or Gas Well _____
(KIND)

Company <u>J + J. Enterprises</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Chandos + Nellie Hickman</u>	16			Kind of Packer _____
Well No. <u>J-681</u>	13			
District <u>clay</u> County <u>Rit</u>	10			Size of _____
Drilling commenced <u>7-23-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/4			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water <u>None</u> feet _____ feet _____	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet _____	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Contractor S.W. Jack Drilling Co. Rig #1

Drillers' Names Joseph M. Vicker, R. D. Winans, T.J. Bradley

Back up Driller = Denny Horton

Tool Pusher = Charlie Wamsley

Remarks: Ran 1156' of 8 5/8 casing = cemented by Halliburton
Used 300 sacks cement = would not circulate = Pumped 15 sacks
down around 8 5/8 = still would not fill up = advised Charlie Wamsley
to fill to top with mud
Basket on second joint at 80' = Plug on bottom at 10:30 P.M

7-24-82

DATE

Samuel N. Heroman 04/19/2024
DISTRICT WELL INSPECTOR

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

RECEIVED
OCT 18 1982

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-5733

Oil or Gas Well _____
(KIND)

Company <u>J + J Enterprises Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm <u>Chandos Hickman ET UX</u>	16			
Well No. <u>J-681</u>	13			Size of _____
District <u>Clay</u> County <u>Ritchie</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Final inspection O.K. To Release

10-12-82
DATE

Samuel N. Heroman 04/19/2024
DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

January 20, 1983

J & J Enterprises, Inc.
P.O. Box 48
Buckhannon, W.Va. 26201

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5117	Don & Oleta Hamilton # J-475	Union
RIT-5678	Chandos & Nellie Hickman # J-680	Clay
RIT-5733	Chandos & Nellie Hickman # J-681	Clay

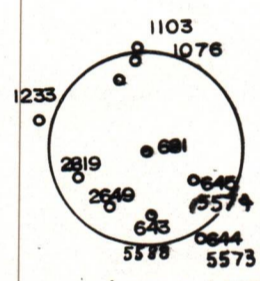
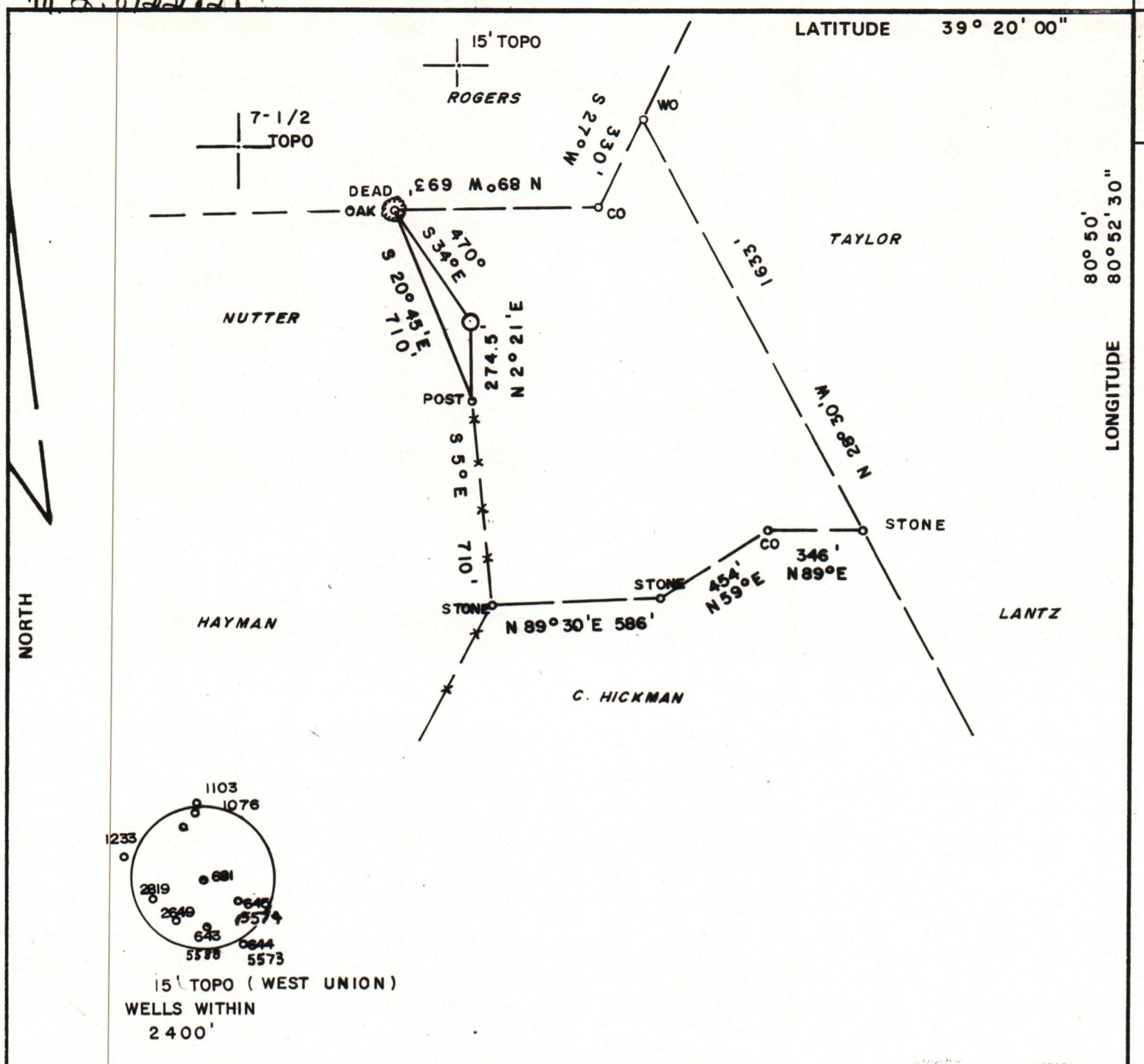
In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

TMS/cm

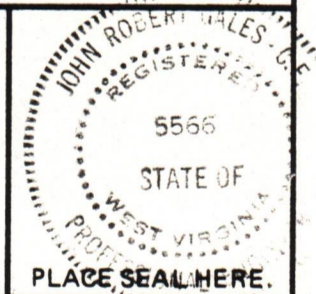
04/19/2024




15' TOPO (WEST UNION)
WELLS WITHIN
2400'

FILE NO. 81-894 K
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION EL 825 - 4000'
West of SITE

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
(SIGNED) John Robert Gales
R.P.E. 5566 L.L.S. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

DATE JUNE 8, 19 82
OPERATOR'S WELL NO. J-681
API WELL NO. _____
47 - 085 - 5733
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW ___
LOCATION: ELEVATION 1120 WATER SHED NORTH FORK MARSH RUN
DISTRICT CLAY COUNTY RITCHIE
QUADRANGLE PENNSBORO
SURFACE OWNER CHANDOS HICKMAN ET UX ACREAGE 35.31
OIL & GAS ROYALTY OWNER CHANDOS HICKMAN LEASE ACREAGE 35.31
LEASE NO. JJ-1198 04/19/2024

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5400
WELL OPERATOR J & J ENTERPRISES INC DESIGNATED AGENT HARRY L. BARNETT
ADDRESS BOX 48 ADDRESS BOX 48
BUCKHANNON, W. VA. 26201 BUCKHANNON, W. VA. 26201

a-10

RECEIVED

JUN 18 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

AFFIDAVIT - ROYALTY OWNERS

J-681

I, H.L. Barnett, Designated Agent
(THE ABOVE DESIGNATED OWNER OR OPERATOR, OR AUTHORIZED REPRESENTATIVE THEREOF) HEREBY VERIFIES THAT THE OWNER OR OWNERS OF THE MINERALS, ESTATE UPON WHICH THIS PROPOSED WELL IS TO BE LOCATED WILL RECEIVE MINIMUM 1/8 (ONE-EIGHTH) ROYALTY PAYMENTS FOR ANY GAS OR OIL EXTRACTED THEREFROM.

085 5733

SIGNED H.L. Barnett
(OWNER OPERATOR OR AUTHORIZED REPRESENTATIVE)

NOTARY Linda S. Casfield

MY COMMISSION EXPIRES


October 16, 1989


RECEIVED

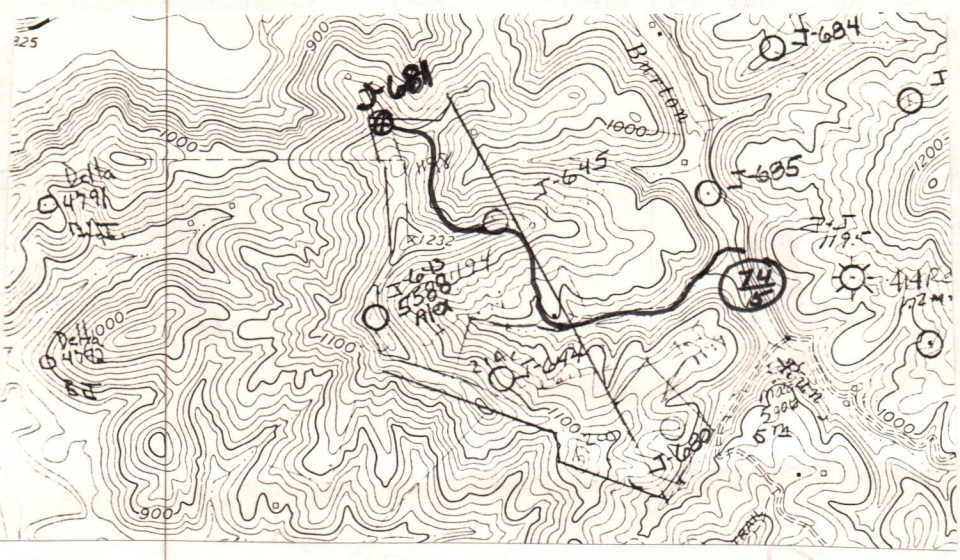
JUN 18 1933

DEPARTMENT OF LINES
OIL AND GAS DIVISION

LEGEND

Well Site 

Access Road 











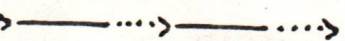
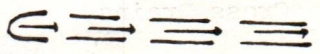


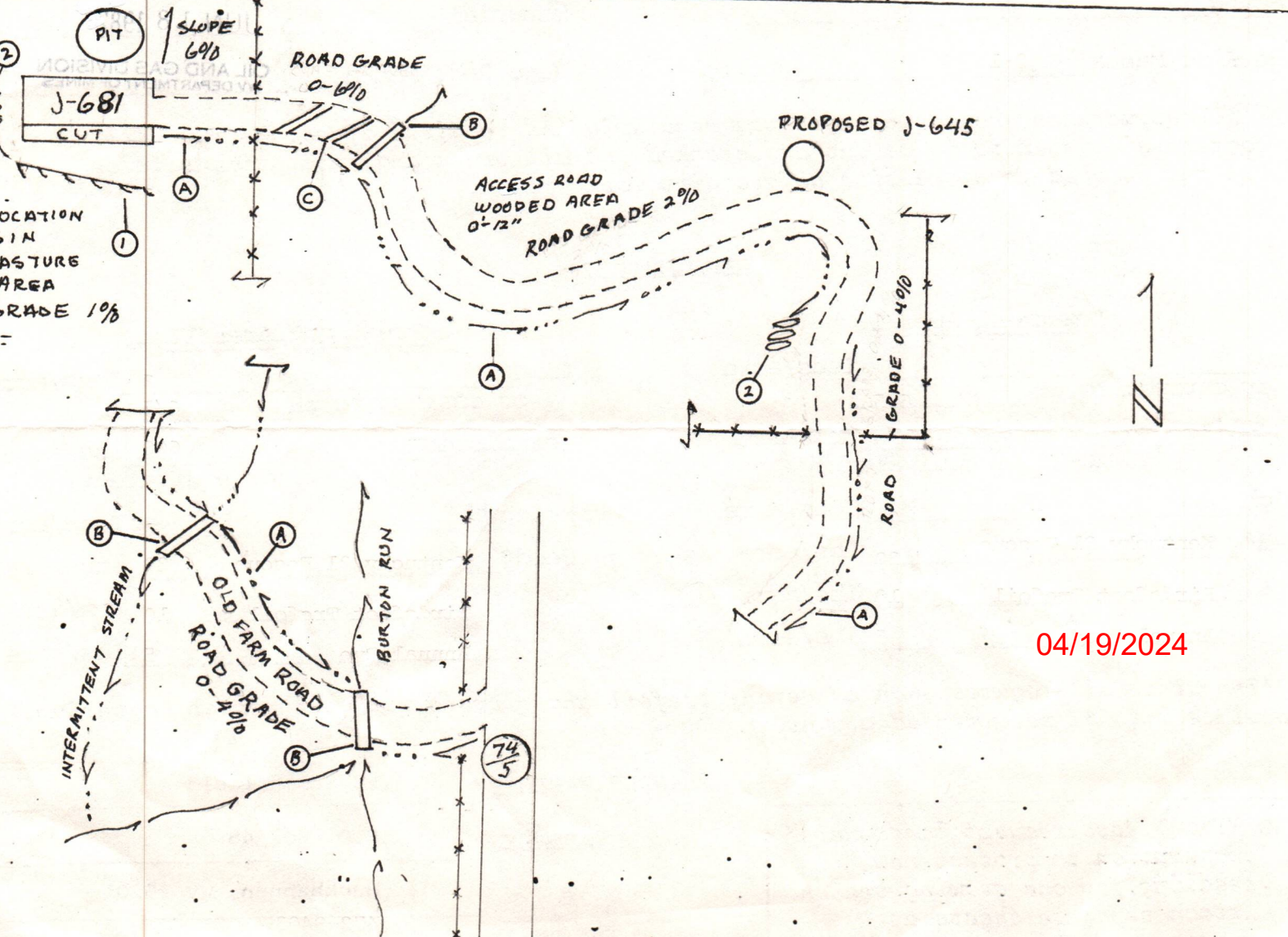
Access road will follow up-graded farm road. All grades for location and road are indicated on drawing as well as sediment control structures. All timber will be cut and stacked. Access road subject to change between company and land owner or acquirement of Right of Way. If changed, a revised plan will be submitted. All cuts on 2:1 slope.

WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wells, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



04/19/2024

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME J & J Enterprises, Inc.
Address P.O. Box 48 Buckhannon, WV 26201
Telephone 472-9403
LANDOWNER Harvey K. Haymond, Jr.

DESIGNATED AGENT Harry L. Barnett
Address P.O. Box 48 Buckhannon, WV
Telephone 472-9403
SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Robert Rogers (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 6-5-82 (Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Diversion Ditch (A)
Spacing _____
Page Ref. Manual 2:12

Structure Diversion Ditch
Material Earthen
Page Ref. Manual 2:12

Structure Culverts Min Size 8" Max size 36" (B)
Spacing _____
Page Ref. Manual 2:8

Structure Rip-Rap
Material Logs
Page Ref. Manual N/A

Structure Cross Drains (C)
Spacing 80' - 250'
Page Ref. Manual 2:1

Structure RECEIVED
Material JUN 18 1982
Page Ref. Manual OIL AND GAS DIVISION WV DEPARTMENT OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch HAY 2 Tons/acre
Seed* Kentucky 31 Fescue 30 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Annual Rye 5 lbs/acre

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04/19/2024

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY Ed Summerfield

ADDRESS P.O. Box 48
Buckhannon, WV 26201
472-9403

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for construction.