



Note: Chrisman Energy Corp. has been assigned 20 ac. of the 50 ac tract shown boundary of 20 ac. not yet determined.

Minimum Error of Closure 1 in 200'

Source of Elevation USGS B.M. at Market - 844

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Squares: N S E W

Map No. _____

Company Billy Chrisman Job / Chrisman Energy Corp.

Address P.O. Box 1914, Parkersburg, W. Va.

Farm John Walton

Tract _____ Acres 20 Lease No. _____

Well (Farm) No. One Serial No. _____

Elevation (Spirit Level) 1088

Quadrangle Uadi's N W

County Doddridge District New Milton

Engineer [Signature]

Engineer's Registration No. 1227

File No. _____ Drawing No. _____

Date Jan 25, 1973 Scale 1" = 300' = 495'

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

WELL LOCATION MAP

FILE NO. DAD-1724

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

— Denotes one inch spaces on border line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 2

Quadrangle VADIS
Permit No. DOD-1724

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. XX
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company Chrisman Energy Corporation
Address Box 1914, Parkersburg, W. Va.
Farm John Walton Acres 20
Location (waters) Tom's Fork
Well No. One (1) Elev. 1088
District New Milton County Doddridge
The surface of tract is owned in fee by John Walton Heirs
Address West Union, W. Va.
Mineral rights are owned by Same
Address _____
Drilling Commenced April 17, 1973
Drilling Completed June 22, 1973
Initial open flow Not Taken cu. ft. 5 bbls bbls.
Final production 175000 cu. ft. per day 115 bbls.
Well open 24 hrs. before test 575 RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	250	250	60 sks to surface
7	1300		
5 1/2			
4 1/2		2150	47 sks
3			
2			
Liners Used			

Attach copy of cementing record.

Fractured Big Injun Sand only - 30000 lbs 20-40 Sand, 500 Gallons Acid, 1 Gallon A-130, 10 Gallons F-33, 20 Gallons Fre-Flo C, 250 lbs J-209 - Breakdown at 2900 lbs, treated at 2800 to 3000 lbs

Coal was encountered at None Feet _____ Inches _____
Fresh water 80 Feet _____ Salt Water None Feet _____
Producing Sand Big Injun Depth 2084 to 2088

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sandstone			0	10		
Red Rock			10	35		
Sandy Shale			35	86		
Red Rock			86	98		
Sandy Shale			98	174		
Red Rock			174	203		
Red Rock			203	228		
Lime			228	245		
Red Rock			245	255		
Sandy Shale			255	470		
Red Rock			470	491		
Sand & Lime			491	590		
Sandy Lime			590	781		
Sand & Lime Shells			781	945		
Blue Sand & Lime Shells			945	990		
Sand & Lime Shells			990	1035		
Gritty Lime & Red Rock			1035	1070		
Lime & Shale			1070	1157		
Black Sand			1157	1167		
Shaley Sand			1167	1440		
Broken Sand			1440	1455		
Shale & Shells			1455	1621		
Gritty Lime			1621	1636		
Shale Lime & shells			1636	1834		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Slate & Shells			1834	1945		
Big Lime			1945	1953		
Sand <u>Injun</u>			1953	2102		Big Injun Sand, Show of oil at 2084
Slate & Shells			2102	2150		TD at 2150

Date August 28 1973

APPROVED CHRISTIAN ENERGY CORP. Owner
 By Billy W. Christian
 (Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

JAN 30 1973

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

Surface Owner John Walton Heirs
Address New Milton, W. Va.
Mineral Owner John Walton Heirs
Address New Milton, W. Va.
Coal Owner None
Address None
Coal Operator None
Address None

DATE January 29, 1973
Company Billy Chrisman Coal / Chrisman Energy Corporation
Address P. O. Box 1914, Parkersburg, W. Va.
Farm John Walton Acres 20
Location (waters) Toms Fork
Well No. One Elevation 1088'
District New Milton County Doddridge
Quadrangle Vadis

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Chapter 22,
of the W. Va Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 5-30-73.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm Blosser
Coffey, W. Va. PH: 363-9105

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated April 6 19 57 by John M. and Daisy E. Walton made to George Jackson and recorded on the 22nd day of April 1958, in Doddridge County, Book 60 Page _____
XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

(Sign Name) Billy W Chrisman
Well Operator

Address
of
Well Operator

P. O. Box 1914
Street
Parkersburg,
City or Town
West Virginia
State

*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.

BOND DRILL

D00-1724

PERMIT NUMBER

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

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Arthur Moats NAME Arthur Moats
 ADDRESS 1614 23rd Street, Parkersburg, ADDRESS 1614 23rd Street, Parkersburg
 TELEPHONE 422-0763 TELEPHONE 422-0763
 ESTIMATED DEPTH OF COMPLETED WELL: 2000' ROTARY _____ CABLE TOOLS XX
 PROPOSED GEOLOGICAL FORMATION: Big Injun
 TYPE OF WELL: OIL XX GAS _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16	16'		
13 - 10	280'	280'	To Surface
9 - 5/8			
8 - 5/8			
7	1200'		
5 1/2			
4 1/2	2000'	2000'	75 Sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET None SALT WATER _____ FEET
 APPROXIMATE COAL DEPTHS None
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE 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 filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-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 receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under 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, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title