



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

DEC 12 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.

DATE Dec. 11, 1973

Surface Owner W. O. Mead
Address Creston, W. Va.

Company Amarex, Inc.
Address 200 N. Harvey, Okla. City, Okla.

Mineral Owner Cabot Corp.
Address Charleston, W. Va.

Farm W. O. Mead Acres 90.66

Coal Owner None

Location (waters) Simpsons Run
Well No. 1 Elevation 1028/1022'

Address _____

District Burning Springs County Wirt

Coal Operator None

Quadrangle Spencer

Address _____

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 4-12-74.

INSPECTOR TO BE NOTIFIED

Mr. Harry Halliday
Box 221 PH: 354-6731
Monticello
W. Va. 26147

Deputy Director - Oil & Gas Division

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 March 6 19 07 by W. O. Mead made to Cabot Corp. and recorded on the 6 day of March 19 07, in Wirt County, Book 50 Page 141

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Very truly yours,

(Sign Name) W.P. Shackley

Well Operator

Address
of
Well Operator

109 Valley Drive
Street

Ripley
City or Town

W. Va. 25271 01/12/2024
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.

BLANKET BOND

Wiv-660

PERMIT NUMBER

47-105

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 Haught Drilling Co. NAME W. P. Shockley
 ADDRESS Smithville, W. Va. ADDRESS 109 Valley Dr., Ripley, W. Va.
 TELEPHONE 477-2222 TELEPHONE 372-8211
 ESTIMATED DEPTH OF COMPLETED WELL: 5000' ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Brown Shale
 TYPE OF WELL: OIL _____ GAS _____ COMB. XX 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			
13 - 10			
9 - 5/8	200'	200'	To Surface
8 - 5/8			
7	2228'	2228'	125 Bags
5 1/2			
4 1/2	5000'	5000'	125 Bags
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 155 FEET 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

01/12/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECEIVED

JUL 9 1974

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle Spencer

Permit No. Wir-660

Rotary Oil _____
Cable _____ Gas
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ Wrip (Kind) G. NOLT

Company <u>Amarox, Inc.</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>200 North Harvey, Okla. City, Okla.</u>	Size			
Farm <u>W. O. Mead</u> Acres <u>90.66</u>	20-16			
Location (waters) <u>Simpsons Run</u>	Cond.			
Well No. <u>1</u> Elev. <u>1028</u>	13-10"			
District <u>Burning Springs</u> County <u>Wirt</u>	9 5/8	195'	195'	100 Sks.
The surface of tract is owned in fee by <u>W. O. Mead</u>	8 5/8			
Address <u>Creston, W. Va.</u>	7	2060'	2060'	85 Sks.
Mineral rights are owned by <u>Cabot Corp.</u>	5 1/2			
Address <u>Charleston, W. Va.</u>	4 1/2	2234'	2234'	100 Sks.
Drilling Commenced <u>Dec. 14, 1973</u>	3			
Drilling Completed <u>June. 18, 1974</u>	2			
Initial open flow _____ cu. ft. _____ bbls.	Liners Used			
Final production <u>None</u> cu. ft. per day _____ bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Free in jun sand

Attach copy of cementing record.

Coal was encountered at None Feet _____ Inches
Fresh water None Feet _____ Salt Water _____ Feet _____
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Clay			0	10		
R. Rock			10	20		
Gray Shale			20	30		
Sand			30	50		
Gray Shale			50	70		
Red Rock			70	85		
Gray Shell			85	90		
Sand			90	110		
Blk. Slate			110	120		
Blk. Shell			120	140		
Sand			140	175		
Gray Shell			175	180		
Red Rock			180	185		
Sand			185	205		
Red Rock			205	220		
S. Shell			220	223		
Red Rock			223	225		
S. Shell			225	230		
Red Rock			230	242		
S. Shell			242	268		
Red Rock			268	271		
S. Shell			271	283		
Red Rock			283	292		
S. Shell			292	307		

01/12/2024

(over)

* Indicates Electric Log tops in the remarks section.

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Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Red Rock			307	309		
Sand			309	318		
Slate			318	395		
Sand			395	408		
Slate & Sand			408	459		
Sand			459	511		
R. R.			511	517		
Slate & Sand			517	677		
Slate Shell			677	700		
R. R.			700	715		
Slate & Shell			715	746		
R. R.			746	750		
Slate			750	755		
R. R.			755	763		
Slate			763	768		
R. R.			768	782		
Slate & Sand			782	787		
R. R.			787	792		
Slate & Sand			792	793	Sand	1978 2106
R. R.			793	799	Slate & Shale	2106 3064
Slate			799	811	Shale	3064 3068
R. R.			811	821	Sand & Shale	3068 3081
Slate & Shell			821	855	Shale	3081 4824
R. R.			855	860	Sycamore Grit	4824 4840
Slate & Sand			860	886	Shale	4840 5006
Sand & Slate			886	899		
R. R.			899	925		
Shale			925	944		Well was partially plugged
R. R.			944	950		in following order:
Shale			950	960		June 18, 1974-- T. D. 5006
Shale			960	964		Plug back
R. R.			964	977		
Shale			977	990	5006 to 4806	Cement
Sand			990	1007	4806 to 3800	Gel
Sand			1007	1014	3800 to 3600	Cement
Sand & Shale			1014	1075	3600 to 2500	Gel
Sand			1075	1083	2500 to 2300	Cement
Sand & Shale			1083	1089	2300 to 2234	Gel
Sand			1089	1126		
Shale			1126	1140		
Sand			1140	1225		
Sand & Shale			1225	1247		
Sand			1247	1261		Ran & Cemented 4 1/2 at 2234 K.B.
Shale			1261	1264		
Sand & Shale			1264	1277		
Sand			1277	1331		
Shale			1331	1336		
Sand & Shale			1336	1362		
Red Rock			1362	1366		
Slate			1366	1371		
Sand & Slate			1371	1385		
Sand			1385	1440		
Sand & Shale			1440	1500		
Slate			1500	1517		
Sand & Shale			1517	1530		
Slate			1530	1540		
Sand & Shale			1540	1571		
Slate			1571	1582		
Sand & Shale			1582	1681		
Slate			1681	1689		
Sand & Shale			1689	1828		
B. Lime			1828	1898		
Injun Sand			1898	1978		

01/12/2024

Date July 9, 1974

APPROVED Amarex, Inc. Owner

By W.P. Shockey (Title)

District Supt.

B-3

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

RECEIVED

DEC 26 1973

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WLR-660

Oil or Gas Well _____
(KIND)

Company <u>AMARIX, INC.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>CHALCITY, OHIO</u>	Size			
Farm <u>W. O. MEAD</u>	16			Kind of Packer _____
Well No. <u>I</u>	13			
District <u>BURNING SPRING</u> County <u>WERT</u>	10			Size of _____
Drilling commenced <u>12-18-73</u>	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			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED <u>NONE</u> SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water <u>NONE</u> feet _____ feet	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names J. W. TRES - O. CROUSER

O. CROUSER - SPUDDER.

Remarks:

SPUDDING @ 75'

12-21-73

DATE

H. G. H. H.

DISTRICT WELL INSPECTOR

01/12/2024

B-4

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

RECEIVED

JAN 4 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIR-668

Oil or Gas Well _____
(KIND)

Company <u>AMRAEX, INC.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>OKLA CITY, OKLA.</u>	Size			Kind of Packer _____
Farm <u>W. O. HEAD</u>	16			
Well No. <u>I</u>	13			
District <u>BURKINSPRING</u> County <u>WEST</u>	10 <u>9 3/4</u>	<u>195'</u>		Size of _____
Drilling commenced <u>12-18-73</u>	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			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
Fresh water <u>NONE</u> feet _____ feet	CASING CEMENTED <u>100 SPS</u> <u>9 3/4"</u> SIZE <u>195'</u> No. FT. <u>195'</u> Date _____			
Salt water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>H.O. W. CO.</u>			
	COAL WAS ENCOUNTERED AT <u>NONE</u> FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names O. CROUSER & WINE

O. CROUSER, SPOONER

Remarks:

Mound
MOVE OFF HOLE TO WIR-661, W. H. THREE'S 1.
WILL COMPLETE HOLE WITH ROT.
Rotary

12-31-73
DATE

H. C. Holliday
DISTRICT WELL INSPECTOR

01/12/2024

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

RECEIVED

JUN 13 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WIR-660

Oil or Gas Well _____
(KIND)

Company <u>AMAVOX INC.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>W.O. Mead</u>	16			Kind of Packer _____
Well No. <u>ONE</u>	13			
District <u>Burning Springs</u> County <u>Wirt</u>	10 <u>9 5/8</u>	<u>1 1/2</u>		Size of _____
Drilling commenced <u>12-18-74</u>	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			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 <u>9 5/8</u> SIZE <u>1 1/2</u> No. FT. <u>12-24-73</u> Date <u>Cemented to surface 100 Bpe</u>			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Halliburton</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			
	_____ FEET _____ INCHES FEET _____ INCHES			

Drillers' Names Spring &

Glewn L. Hought & Sons Rotary - Air

Remarks: Orville Crouser Set Surface with Spudder - 12-24-73
Glewn L. Hought Rigging up

6-11-74

DATE

G. L. Hought
DISTRICT WELL INSPECTOR

01/12/2024

B-4

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

RECEIVED

JUL 12 1974

INSPECTOR'S PLUGGING REPORT
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. Wir-660-P

Well No. 1

COMPANY Amarek Inc. ADDRESS _____

FARM W.O. Mead DISTRICT Burning Springs COUNTY Wirt

Filling Material Used _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
2234 - 2050	Gel					
2050 - 1950	Cem		10 Bgs	1056	4 1/2	1178
1950 - 1056	Gel					

Drillers' Names Bud Acker Service Rig

Remarks:
*Mcullough shot 4 1/2 casing 1056'
will pull 4 1/2" casing & shoot 7" casing at 1056'
spot plug through 7" on top 4 1/2 & 7"
Halliburton was used in plugging operation
7-10-74*

DATE I hereby certify I visited the above well on this date.

B. P. Goodright
DISTRICT WELL INSPECTOR
01/12/2024

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks:

DATE

DISTRICT WELL INSPECTOR

01/12/2024

B-1

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

RECEIVED

JUL 15 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S PLUGGING REPORT

Permit No. Wir-660-P

Well No. 1

COMPANY AMAREX INC.

ADDRESS _____

FARM W. O. Mead

DISTRICT Burning Springs

COUNTY Wirt

Filling Material Used _____

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST
2234 - 2050	Gel					1056	4 1/2	1178
2050 - 1950	Cem		10 Bgr			450	7"	1618
1950 - 1056	Gel							
1056 - 1006	Cem.		13 Bgr					
1006 - 450	Gel							
450 - 400	Cem		20 Bgr					
400 - 225	Gel							
225 - 175	Cem		20 Bgr					
175 - 100	Gel							
100 - 0	Cem		40 Bgr					

Drillers' Names Frank Clouser

Bud Acker

Service Rig

Remarks:

Job Comm. 7-10-74

Job Comp - 7-11-74

Halliburton was used in plugging operation.

7-11-74

DATE

I hereby certify I visited the above well on this date.

W. H. Goodright

DISTRICT WELL INSPECTOR

01/12/2024

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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: _____

DATE

DISTRICT WELL INSPECTOR

01/12/2024

B-8



RECEIVED

JUL 9 1974

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

OIL & GAS DIVISION
DEPT. OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

None
Coal Operator

Amarox, Inc.
Name of Well Operator

None
Address

200 North Harvey, Okla. City, Okla.
Complete Address

None
Coal Owner

July 9, 1974
Date

None
Address

WELL TO BE ABANDONED
Burning Springs District

W. O. Mead
Lease or Property Owner

Wirt County

Crescent, W. Va.
Address

Well No. 1
W. O. Mead Farm

Inspector K. Paul Goodnight, Smithville, W. Va. 26128 Telephone 477-2455

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

W. P. Shackley
Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1929, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.

BLANKET BOND

W-660-P
W-660-P
47-105

Permit Number

AFFIDAVIT, FORM OG-8, MANNER WELL PLUGGED MUST BE SUBMITTED TO OBTAIN RELEASE OF WELL UNDER BOND.

01/12/2024

B-9

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

2234	to	2050	Gel	TD - 5006'
2050	to	1950	Cement	5006' - 4806' Cement
1950	to	1300	Gel	4806' - 3800' - Gel
Cut & Pull 4½" at 1300'				
1350	to	1300	Cement	3800' - 3600' - Cement
1300	to	1200	Gel	3600' - 2500' - Gel
Cut & Pull 7" at 1200'				
1200	to	1150	Cement	2500' - 2300' - Cement
1150	to	225	Gel	2300' - 2234' - Gel
225	to	175	Cement	Run and Cemented 4½" at 2234' K. B.
175	to	100	Gel	
100	to	0	Cement	

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

IF PARTIAL PLUGGING
PLEASE SUBMIT REVISED WELL RECORD
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

W.P. Shockley
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

9th day of July, 1974.

DEPARTMENT OF MINES
Oil and Gas Division

By: Robert H. ... 01/12/2024

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.

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

RECEIVED

JUL 19 1974

OIL & GAS DIVISION
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

None
COAL OPERATOR OR OWNER

None
COAL OPERATOR OR OWNER

W. O. Mead
LEASE OR PROPERTY OWNER
Creston, W. Va.
ADDRESS

Amarrex, Inc.
NAME OF WELL OPERATOR
200 North Harvey, Okla. City, Okla.
COMPLETE ADDRESS
July 17 19 74
WELL AND LOCATION
Burning Springs District
Wirt County
Well No. 1
W. O. Mead Farm

STATE INSPECTOR SUPERVISING PLUGGING.....

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of W. P. Shickley } SS:

and
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Amarrex, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 10 day of July, 19 74, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSG PULLED	CSG LEFT IN
Sand & Shale	5006' to 4806' Cement	200'	0	195'-9 5/8"
Sand & Shale	4806' to 3800' Gel	1006'	1006'	1128-4 3/8"
Sand & Shale	3800' to 3600' Cement	200'	1610'	450'-7"
Sand & Shale	3600' to 2500' Gel	900'		
Sand & Shale	2500' to 2300' Cement	200'		
Sand & Shale	2300' to 2234' Gel	66'		
Sand & Cemented <u>4 1/2"</u>	to 2234' <u>K. B.</u>			
Sand & Shale	2234' to 2050' Gel	184'		
Injun Sand	2050' to 1950' Cement	100'		
Sand & Shale	1950' to 1056' Gel	906'		
Cut & Pulled <u>4 1/2"</u>	at 1056'			
Sand & Shale	1056' to 1006' Cement	50'		
Sand & Shale	1006' to 450' Gel	556'		
Sand & Shale	450' to 400' Cement	50'		
Sand & Shale	400' to 225' Gel	175'		
Sand & Shale	225' to 175' Cement	50'		
Sand & Shale	175' to 100' Gel	75'		
Sand & Shale	100' to 0 Cement	100'		
COAL SEAMS			DESCRIPTION OF MONUMENT	
(NAME) <u>None</u>			7" Cement filled 18' long	
(NAME)			36" above ground level.	
(NAME)			<u>Wirt. 660-P-47-105</u>	
(NAME)				

and that the work of plugging and filling said well was completed on the 11 day of July, 19 74.

And further deponents saith not.

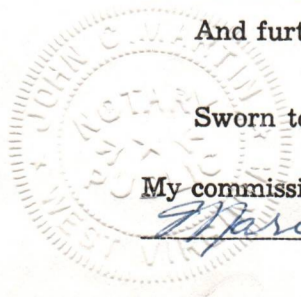
Sworn to and subscribed before me this 18th day of July, 19 74.

My commission expires: March 26-1979

John C. Martin
Notary Public.

01/12/2024

Permit No. Wirt. 660-P-47-105



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

INSPECTOR'S WELL REPORT

Permit No. _____

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: _____

DATE

01/12/2024

DISTRICT WELL INSPECTOR

B-17



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

June 30, 1975

Amarex, Inc.
200 North Harvey
Oklahoma City, Oklahoma 73102

In Re: Permit No. WIRT-660-P
Farm W. O. Mead
Well No. 1
District Burning Springs
County Wirt

Gentlemen:

The final inspection report for the well which is described above has been received in this office. Only the column checked below applies.

XXXXX The bond covering the well designated by the above permit number has been released under your Blanket Bond.

 Please return the enclosed cancelled bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

Very truly yours,

Deputy Director
Oil and Gas Division

RLD/cc

Enclosure:

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

RECEIVED

JUN 20 1974

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WV-660

Oil or Gas Well _____
(KIND)

Company <u>AMATEX INC</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>W.O. mead</u>	16			Kind of Packer _____
Well No. <u>ONE</u>	13			
District <u>Burnington Springs</u> County <u>Wirt</u>	10			Size of _____
Drilling commenced <u>12-18-73</u>	8 1/4 <u>9 3/8</u>		<u>195'</u>	<u>100 Bgs Halliburton</u>
Drilling completed <u>6-17-74</u> Total depth <u>5006</u>	6 5/8 <u>6 3/8</u>		<u>2060'</u>	<u>85 Bgs " "</u>
Date shot _____ Depth of shot _____	5 3/16 <u>4 1/2</u>		<u>2239</u>	Depth set _____
Initial open flow _____ /10ths Water in _____ Inch	3			<u>100 Bgs " "</u>
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				Perf. top _____
Oil _____ bbls., 1st 24 hrs.				Perf. bottom _____
Fresh water _____ feet _____ feet				
Salt water <u>1740</u> feet _____ feet				
CASING CEMENTED <u>9 3/8</u> SIZE <u>195</u> No. FT. _____ Date _____ <i>(Cemented to Surface 100 Bgs)</i>				
NAME OF SERVICE COMPANY <u>Halliburton</u>				
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES				
_____ FEET _____ INCHES FEET _____ INCHES				
_____ FEET _____ INCHES FEET _____ INCHES				

Drillers' Names Spring & Haddox

Glenn L. Haught & Sons Rotary - Air

Remarks: Partial Plug - 6-18-74 - Halliburton
5006 - 4806 - Cem. - 36 Bgs
4806 - 3800 - Gel
3800 - 3600 - Cem. - 36 Bgs Job Commenced - 11:00 Am
3600 - 2500 - Gel " Completed - 1:00 Pm
2500 - 2300 - Cem - 36 Bgs
Big line - 1820 - 78
INJUN - 1878 - 2014

6-18-74
DATE

Glenn L. Haught
DISTRICT WELL INSPECTOR

01/12/2024

