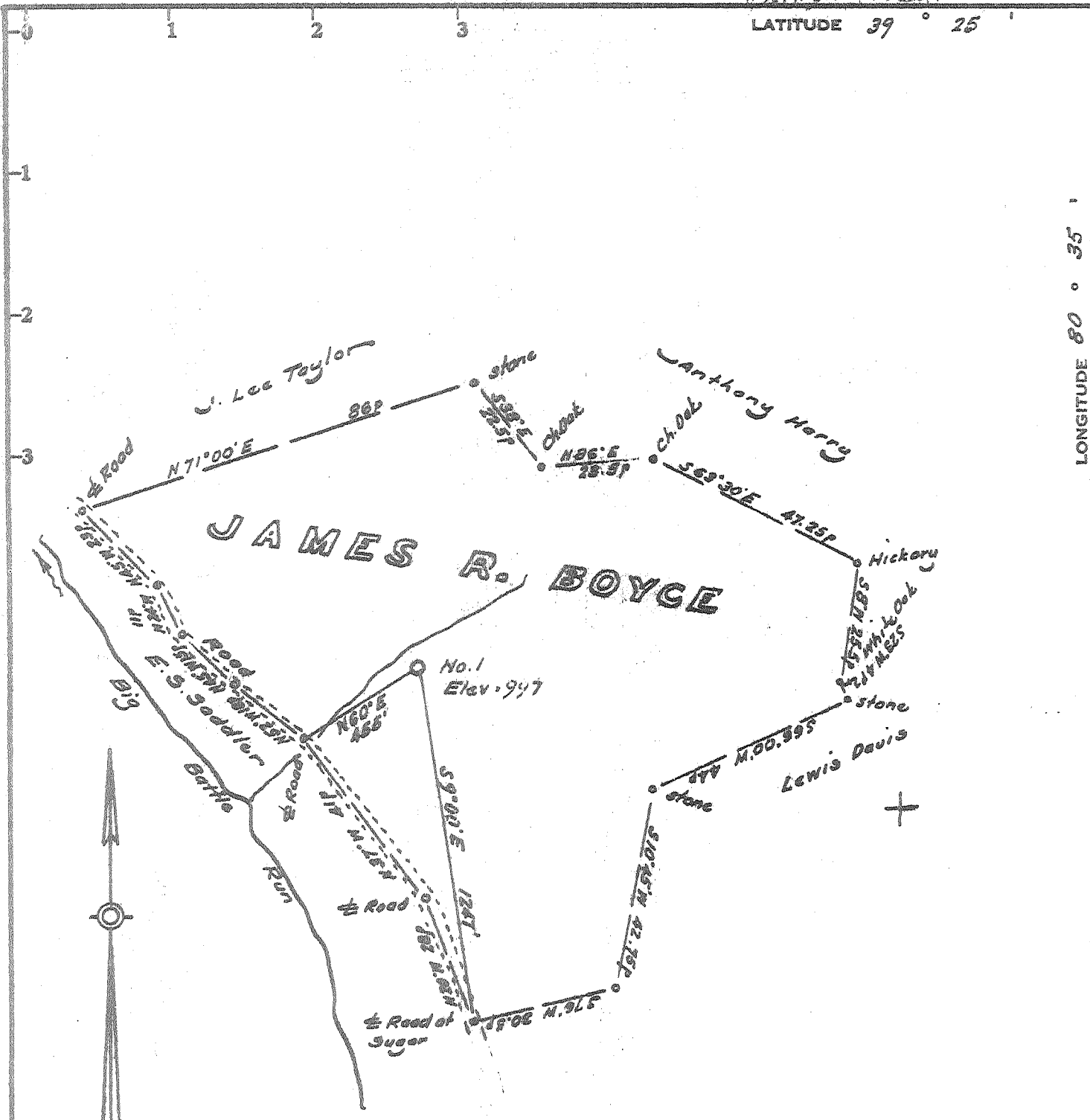


LATITUDE 39° 25'

LONGITUDE 80° 35'



Minimum Error of Closure 1 in 200

Source of Elevation Elev. Posts of road 4500' NW = 900'

- Fracture
- New Location
- Drill Deeper
- Abandonment  3-29-73

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: W. S. Taylor  
 Squares: N S E W

Company Ramp Oil & Gas Corp.  
 Address Box 99, Belpra, Ohio  
 Farm James R. Boyce  
 Tract \_\_\_\_\_ Acres 76 Lease No. \_\_\_\_\_  
 Well (Farm) No. one Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 997'  
 Quadrangle Centerpoint C  
 County Doddridge District McClellan  
 Engineer W. S. Taylor  
 Engineer's Registration No. 1227  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Sept 10, 1972 Scale 1" = 300' = 495'

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

WELL LOCATION MAP  
 FILE NO. DOD-1692-P

+ 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.





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

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Centerpoint

Permit No. DOD-1692

WELL RECORD

Oil or Gas Well Dry (KIND)  NO. 1

Company RAMCO Oil & Gas Corp.  
 Address P. O. Box 99, Belpre, Ohio 45714  
 Farm James R. Boyce Acres 76  
 Location (waters) Big Battle Run  
 Well No. 1 Elev. 997'  
 District McClellan County Doddridge  
 The surface of tract is owned in fee by Hickman  
 Address Centerpoint, W. Va.  
 Mineral rights are owned by J. R. Boyce Heirs  
 Address Centerpoint, W. Va.  
 Drilling commenced 12/14/72  
 Drilling completed 3/15/73  
 Date Shot From To  
 With  
 Open Flow /10ths Water in Inch  
 /10ths Merc. in Inch  
 Volume Cu. Ft.  
 Rock Pressure lbs. hrs.  
 Oil bbls., 1st 24 hrs.  
 WELL ACIDIZED (DETAILS) no  
 WELL FRACTURED (DETAILS) no

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	20'	20'	Kind of Packer
13			
10 3/4	190'	190'	Size of
<del>8 5/8</del>	664'	664'	
<del>7</del>	1264'		Depth set
5 3/16			
4 1/2		1919'*	
3		155'*	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.  
 CASING CEMENTED 4 1/2" + 3" SIZE 1919' + 155' No. FL 3/15/73 Date  
 Amount of cement used (bags) 35 sks.  
 Name of Service Co. Lawson Cementing Co., Inc.  
 COAL WAS ENCOUNTERED AT 664-672 FEET 96 INCHES  
 FEET INCHES FEET INCHES  
 FEET INCHES FEET INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) none  
 ROCK PRESSURE AFTER TREATMENT HOURS  
 Fresh Water 70' Feet Salt Water 1575' Feet  
 Producing Sand Depth

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Yellow Clay		Soft	0	5			
Red Rock		Soft	5	15			
Yellow Sand		Hard	15	40			
Red Rock		Soft	40	50			
Slate		Soft	50	70			
Sand		Hard	70	80	water		
Slate		Soft	80	85			
Sand		Hard	85	95			
Red Rock		Soft	95	110			
Slate		Soft	110	134			
Coal		Soft	134	135			
Slate		Soft	135	165			
Red Rock		Soft	165	185			
Slate		Soft	185	220			
Red Rock		Soft	220	270			
Slate		Soft	270	295			
Sand		Hard	295	310			
Slate		Soft	310	328			
Sand		Hard	328	355			
Slate & Lime		Soft	355	534			
Red Rock		Soft	534	550			
Slate & Shells		Soft	550	620			
Red Rock		Soft	620	625			
Slate & Shells		Soft	625	664			
Coal		Soft	664	672			

(over)

APR 2 1973

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate		Soft	672	695			
Sand		Hard	695	718			
Slate & Shells		Soft	718	760			
Red Rock		Soft	760	785			
Slate		Soft	785	790			
Red Rock		Soft	790	795			
Slate & Shells		Soft	795	820			
Red Lime		Hard	820	895			
Red Rock		Soft	895	920			
Slate		Soft	920	1040			
Sand		Hard	1040	1046			
Slate		Soft	1046	1135			
Black Slate		Soft	1135	1185			
Sand		Hard	1185	1212			
Slate & Shells		Soft	1212	1295			
Lime		Hard	1295	1310			
Slate & Shells		Soft	1310	1325			
Sand		Hard	1325	1397			
Slate & Shells		Soft	1397	1430			
Sand		Hard	1430	1460			
Slate & Shells		Soft	1460	1543			
Sand		Hard	1543	1605	water		
Slate & Shells		Soft	1605	1650			
Sand		Hard	1650	1680			
Slate & Shells		Soft	1680	1745			
Sand		Hard	1745	1771			
Slate & Lime		Soft	1771	1800			
Sand		Hard	1800	1821			
Lime		Hard	1821	1833			
Slate & Lime		Soft	1833	1860			
Red Lime		Hard	1860	1865			
Slate		Soft	1865	1872			
Lime		Hard	- 1872	1880			
Pencil Cave		Soft	1880	1884			
Lime		Hard	- 1884	1970			* 1932 Big Lime
Keener		Hard	1970	2090			* 1999 Keener
<u>Big Injun</u>		Hard	2090				* 2033 Big Injun

\* Last drilling tools in hole at 1964'. Drilled by tools to TD at 2090'. Reduced hole size to 4 3/4". Ran 155' of 3" tubing on bottom of string of 1919' of 4 1/2" casing. Cemented in hole with 35 sacks of cement and latex. Top plug stopped at 1956' which placed break in pipe or parted pipe at 1945' after subtracting 11' of 4 1/2" above rig floor. Well abandoned.

Date March 20, 19 73  
 APPROVED RAMCO Oil & Gas Corp., Owner  
 By Herb Rudden, President  
 (Title)



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED  
SEP 21 1972  
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 September 21, 1972

Surface Owner Hickman  
Address Centerpoint, W. Va.  
Mineral Owner J. R. Boyce Heirs  
Address Centerpoint, W. Va.  
Coal Owner James R. Boyce Heirs  
Address Centerpoint, W. Va.  
Coal Operator None - no coal is being mined  
Address in this area.

Company RAMCO Oil & Gas Corp.  
Address P. O. Box 99, Belpre, Ohio 45714  
Farm James R. Boyce Acres 76  
Location (waters) Big Battle Run  
Well No. 1 Elevation 997'  
District McClellan County Doddridge  
Quadrangle Centerpoint

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 1-21-73

Robert S. Bell  
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED William Blosser  
Colfax, 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 February 10, 1972 by James F. Scott made to RAMCO Oil & Gas Corp. and recorded on the 18th day of February 1972, in Doddridge County, Book 95 Page 619

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, RAMCO Oil & Gas Corp.  
(Sign Name) by: Lead E. Moore  
Well Operator YPKS  
P. O. Box 99

Address of Well Operator

Street Belpre  
City or Town Ohio 45714  
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.

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

PROPOSED WORK ORDER TO  DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME Hank Snow NAME Brad Crouse  
 ADDRESS Salem, W. Va. ADDRESS Rt. 1, Box 174, Grantsville, W. Va.  
 TELEPHONE (304) 782-1356 TELEPHONE (304) 354-7657  
 ESTIMATED DEPTH OF COMPLETED WELL: 2156' ROTARY  CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Big Injun  
 TYPE OF WELL: OIL \_\_\_\_\_ 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			
13 - 10			
9 - 5/8			
8 - 5/8	660'	660'	660'
7			
5 1/2			
4 1/2		2156'	350'
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 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

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

RECEIVED

MAY 29 1973

OIL & GAS DIVISION  
DEPT. OF MINES

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. 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.

<p>None COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <hr/> <p>COAL OPERATOR OR OWNER</p> <hr/> <p>ADDRESS</p> <p>James R. Boyce Heirs LEASE OR PROPERTY OWNER</p> <hr/> <p>Centerpoint, W. Va. ADDRESS</p>	<p>Rance Oil &amp; Gas Corp. NAME OF WELL OPERATOR</p> <hr/> <p>P.O. Box 99, Belpre, Ohio 45714 COMPLETE ADDRESS</p> <hr/> <p>March 27 1973 WELL AND LOCATION</p> <hr/> <p>Mc Clellon District</p> <hr/> <p>Doddridge County</p> <hr/> <p>Well No. # 1</p> <hr/> <p>James R. Boyce Farm</p>
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STATE INSPECTOR SUPERVISING PLUGGING... W. J. Blosser (On Location Both days)

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of WOOD } ss:

Lawson Oil and Gas Well Cementing Co., Inc.  
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 Rance, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 26th day of March, 1973, 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
	0' To 60' Cement			
	60' To 644' Gel			
	644' To 710' Cement			
	710' To 1234' Gel			
	1234' To 1264' Cement			
	1264' To 1830' Gel			
	1830' To 1960' Cement			
	664' Of 8 5/8" Casing left in Well Cemented to Surface.			
COAL SEAMS		DESCRIPTION OF MONUMENT		
(NAME)		8 5/8" CASING STANDING		
(NAME)		36" HIGH		
(NAME)		5-4-73		
(NAME)				

and that the work of plugging and filling said well was completed on the 27th day of March, 1973.

And further deponents saith not.

Carl Church

Sworn to and subscribed before me this day of March 28th, 1973.

Randall W. Keton

My commission expires:  
August 1, 1982

Notary Public. C. NOLL  
Permit No. Dodd-1692-P