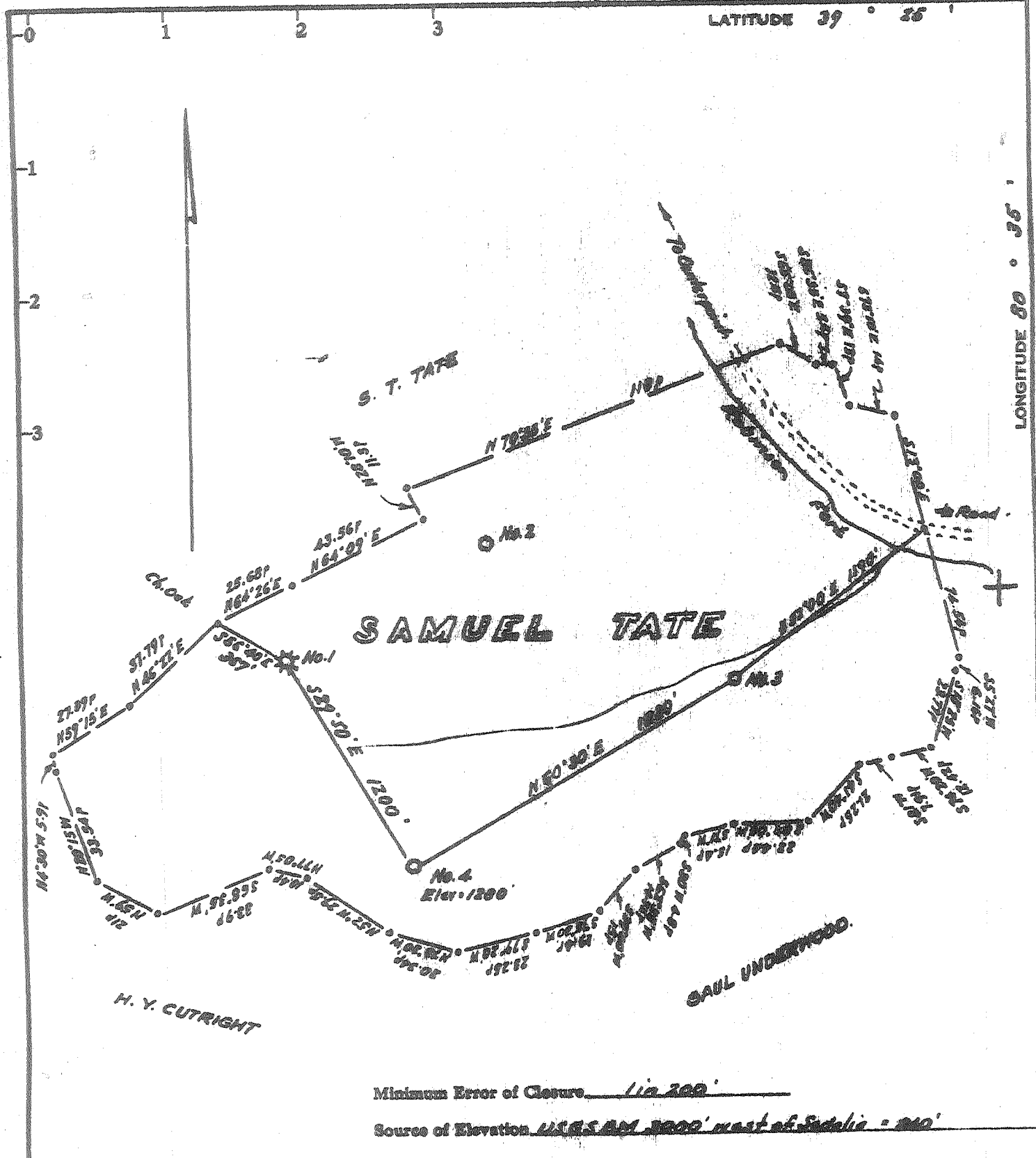


10-22-1972

LATITUDE 39° 25'

LONGITUDE 80° 35'



Minimum Error of Closure 110 200'

Source of Elevation USGS M. 1200' east of Sadalia - 1110'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and observe 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.

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

Map No. _____
 Squares: N E W

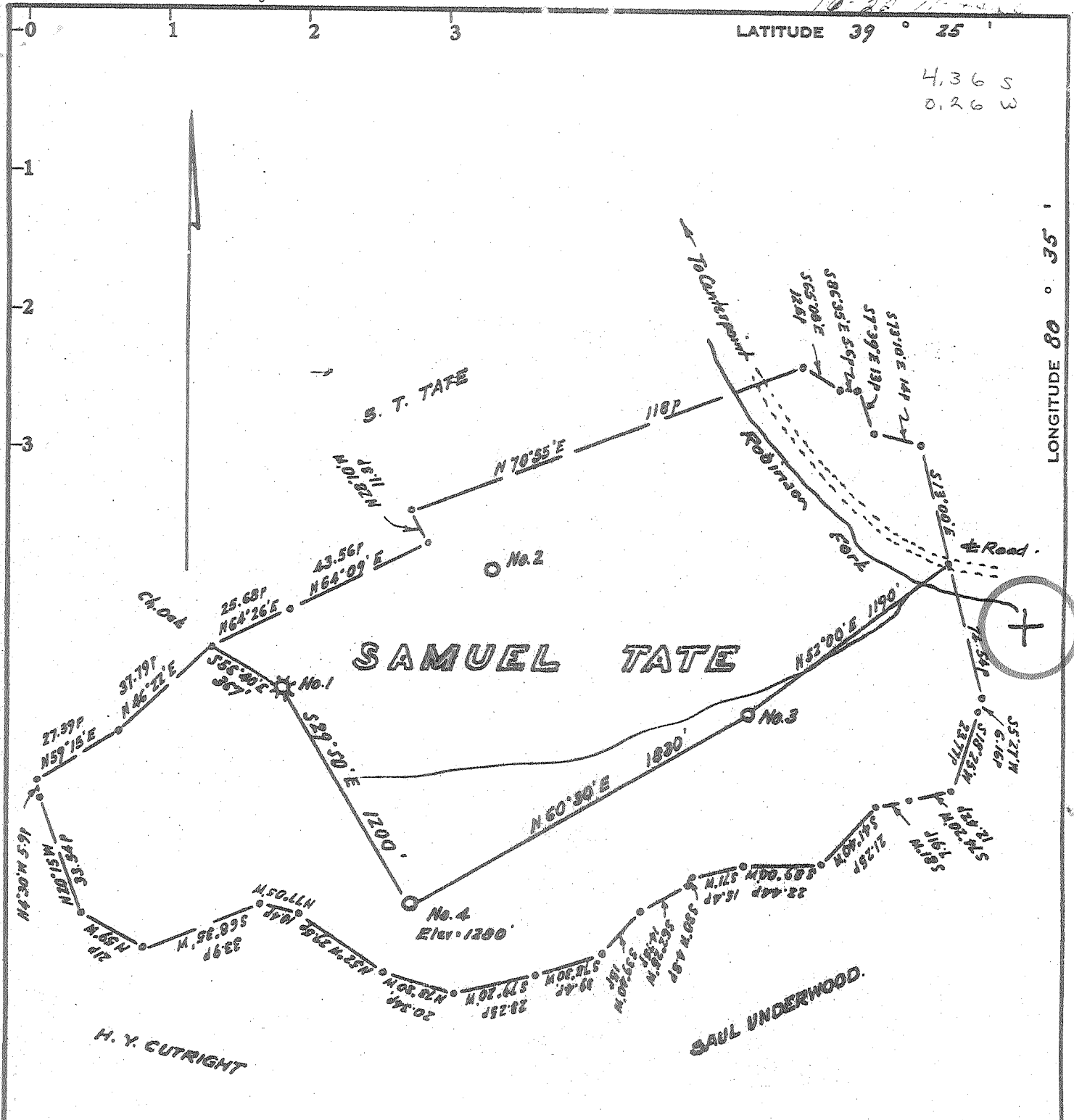
Company RAMCO OIL & GAS CORP
 Address P.O. Box 99, Bellevue, Ohio
 Farm Samuel Tate
 Tract _____ Acres 180.11 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 1280
 Quadrangle Centerville C
 County Doddridge District McClellan
 Engineer
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 18, 1972 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. DOD-1712-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.

10-22-77



Minimum Error of Closure 1 in 200'
 Source of Elevation USGS BM 3000' west of Sedalia - 840'

- 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: Walter J. [Signature]
 Squares: N S E W

Map No. _____

Company RAMCO OIL & GAS CORP
 Address P.O. Box 99, Belton, Ohio
 Farm Samuel Tate
 Tract _____ Acres 182.11 Lease No. _____
 Well (Farm) No. Four Serial No. _____
 Elevation (Spirit Level) 1280
 Quadrangle Centerpoint
 County Doddridge District McClellan
 Engineer Walter J. [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date Nov. 18, 1972 Scale 1" = 400' = 660'

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

WELL LOCATION MAP
 FILE NO. DOD-1712

+ 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.

TRASCO



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

RECEIVED

MAR 30 1973

OIL & GAS DIVISION
DEPT. OF MINES

Quadrangle Centerpoint
Permit No. DOD-1712

Rotary Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ **Dry** or None
(Kind)

Company RAMCO Oil & Gas Corp.
Address P.O. Box 99, Belpre, Ohio 45714
Farm Samuel Tate Acres 180.11
Location (waters) Robinson Fork
Well No. 4 Elev. 1280'
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Joseph Curry
Address Sedalia, W. Va.
Mineral rights are owned by Bertha Vincent
Address Centerpoint, W. Va.
Drilling Commenced 12/18/72
Drilling Completed 3/29/73
Initial open flow dry cu. ft. _____ bbls.
Final production dry cu. ft. per day _____ bbls.
Well open _____ hrs. before test _____ RP.
Well treatment details:
None

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	875'	875'	200 sks.
7			
5 1/2			
4 1/2			
3			
2			
Liners Used			

Attach copy of cementing record. Lawson Cementing Co., Inc.

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

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil and Shale		Soft	0	20		
Sand and Shale		Soft	20	105		
Sand		Hard	105	160		
Shale. w/Sand		Soft	160	530		
Limy Sand		Hard	530	720		
Sand and Shale		Soft	720	975		
Sandy Shale		Soft	975	1360		
Sand and Shale		Soft	1360	1484		
Salt Sand		Hard	1484	1540		
Shale and Sandy Shale		Soft	1540	1830		
Shale, red and gray		Soft	1830	2028		
Little Lime		Hard	- 2028	2050		
Pencil Cave		Soft	2050	2079		
Big Lime		Hard	- 2079	2170		
Big Injun		Hard	2170	2192		
Sauaw		Hard	2192	2250		
Shale		Soft	2250	2292		
TD			2292			

(over)

* Indicates Electric Log tops in the remarks section.

APR 11 1973



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

NOV 21 1972

OIL & GAS DIVISION

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE November 9, 1972

Surface Owner Joseph Curry

Company RAMCO Oil & Gas Corp.

Address Centerpoint, W. Va.

Address P. O. Box 99, Belpre, Ohio 45714

Mineral Owner Bertha Vincent

Farm Samuel Tate Acres 180.11

Address Centerpoint, W. Va.

Location (waters) Robinson Fork

Coal Owner Bryan Ash

Well No. 4 Elevation 1280'

Address Centerpoint, W. Va.

District McClellan County Doddridge

Coal Operator None - no coal is being mined

Quadrangle Centerpoint

Address in this area.

THIS PERMIT MUST BE POSTED AT THE WELL SITE
All provisions being in accordance with Chapter 20,
of the W. Va Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 3-21-73.

Robert H. Todd
Deputy Director - Oil & Gas Division

INSPECTOR TO BE NOTIFIED Wm. 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, 19 72 by James F. Scott made to RAMCO Oil & Gas Corp. and recorded on the 18th day of February 19 72 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: Randall U. Latorre
Well Operator

Address
of
Well Operator

P. O. Box 99
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.

BOND DRILL

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: 2430' 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	200'	200'	200'
7			
5 1/2		2430'	350'
4 1/2			
3			Perf. Top
			Perf. Bottom
2			
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET SALT WATER FEET
 APPROXIMATE COAL DEPTHS 930'
 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

AFFIDAVIT OF PLUGGING AND FILLING WELLS
OIL & GAS DIVISION
DEPT. OF MINES

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.

None
COAL OPERATOR OR OWNER

ADDRESS

COAL OPERATOR OR OWNER

ADDRESS

Joseph Curry
LEASE OR PROPERTY OWNER

Sedalia, W. Va.
ADDRESS

Ranco Oil & Gas Corp.
NAME OF WELL OPERATOR

P.O. Box 99, Belpre, Ohio 45714
COMPLETE ADDRESS

March 30 19 73
WELL AND LOCATION

District

Doddridge County

Well No. # 4

Tate Farm

STATE INSPECTOR SUPERVISING PLUGGING.....

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 Ranco Oil & Gas Corp., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 30 day of March, 19 73., 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 20' Cement			
	20' To 842' Gel			
	842' To 892' Cement			
	892' To 2080 Gel			
	2080' To 2130 Cement			
	8 5/8" Casing left in Well Cemented to surface			
COAL SEAMS			DESCRIPTION OF MONUMENT	
(NAME)			7" CASING STAND IN 36" HIGH	
(NAME)				
(NAME)				
(NAME)			COMPLETED 5-18-73	

and that the work of plugging and filling said well was completed on the 30th day of March, 19 73.

And further deponents saith not.

Carl K. Ruel

Sworn to and subscribed before me this 30th day of March, 19 73.

Randall W. Hester

My commission expires: August 1, 1982

Notary Public
Permit No. DOD-1712-P

C. NOLE
NOLÉ

JUN 4 1973