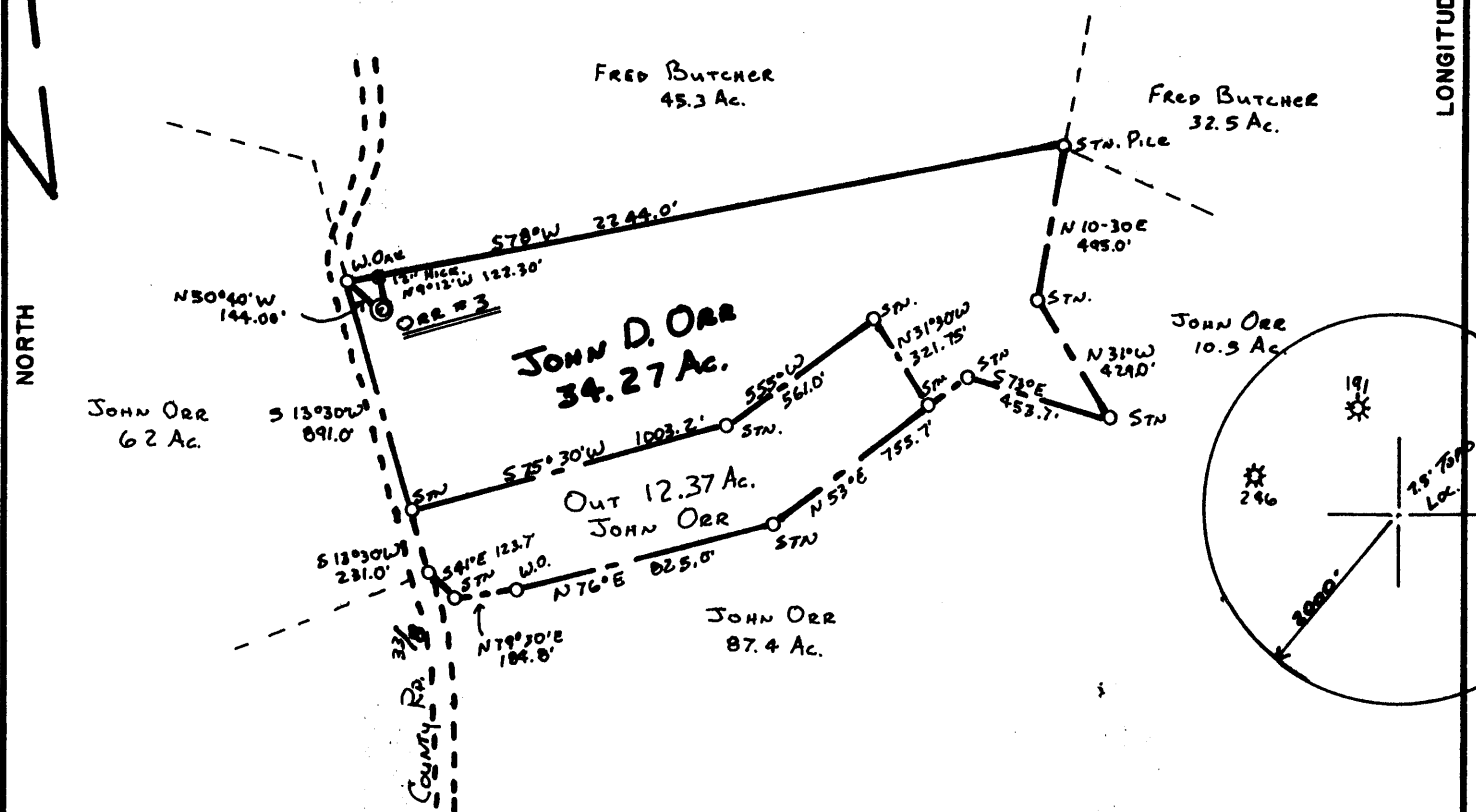


Janie 4/27/89

LATITUDE 39° 27' 30"

LONGITUDE 79° 52' 30"

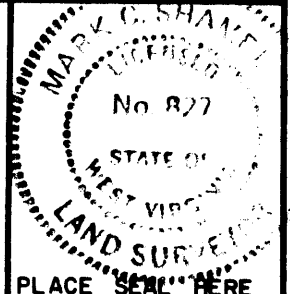


Surface Owner Approval Of Drilling Site

John D. Orr
Frances K. Orr

FILE NO. 1
DRAWING NO. 89001
SCALE 1"=600'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION Existing Well # 191
NORTH WEST OF LOCATION

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) *Mark C. Shamble*
R.P.E. _____ L.L.S. 827



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



DATE MARCH 30, 1989
OPERATOR'S WELL NO. ORR No. 3
API WELL NO. 47-077-0249
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

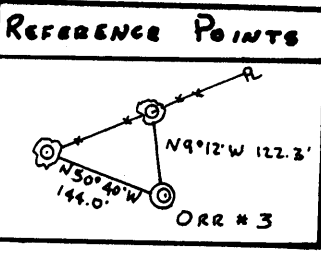
Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
LOCATION: ELEVATION 1677.0' WATER SHED THREE FORK CREEK
DISTRICT LYONS COUNTY PRESTON
QUADRANGLE GLADESVILLE (7.5')
SURFACE OWNER JOHN D. & FRANCES K. ORR ACREAGE 34.27
OIL & GAS ROYALTY OWNER JOHN D. & FRANCES K. ORR LEASE ACREAGE 34.27
LEASE NO. _____
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION FOURTH SAND ESTIMATED DEPTH 2300'
WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT OLIN SHOKEY
ADDRESS Penn Center West, Bldg II, Suite 224 ADDRESS Rt #1, Box 139B
PITTSBURGH, PA. 15276 RAVENSWOOD, W.V. 26164

DREN 0 27 0

30

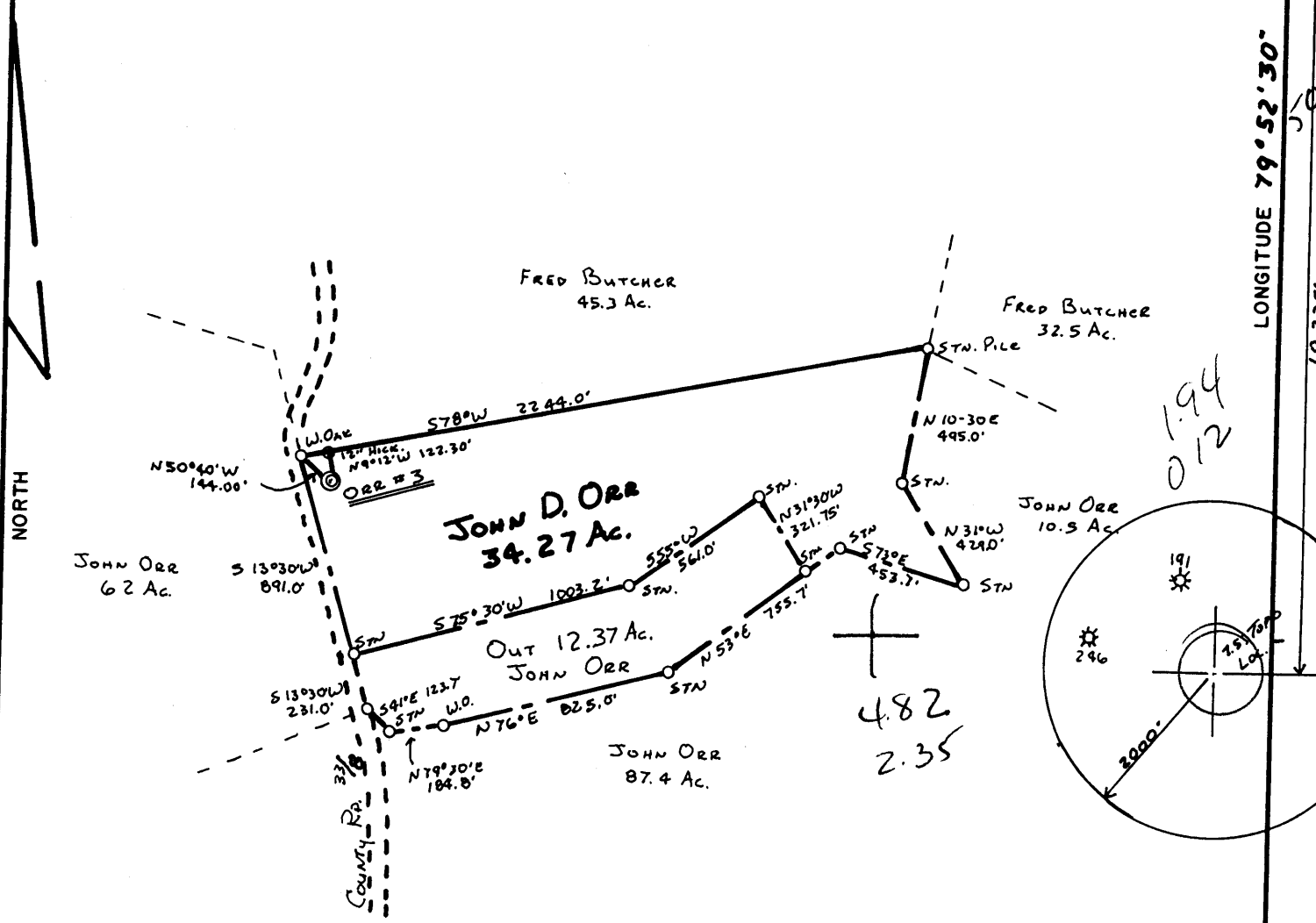
690'



Janie 4/27/89

LATITUDE 39° 27' 30"

LONGITUDE 79° 52' 30"



SURFACE OWNER APPROVAL OF DRILL SITE

John D. Orr
Frances K. Orr

FILE NO. 1
 DRAWING NO. 89001
 SCALE 1"=600'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION Existing Well # 191 NORTH WEST OF LOCATION

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) Mark C. Strickland
 R.P.E. _____ L.L.S. 827



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



Department of Mines
 Oil & Gas Division

DATE MARCH 30, 1989
 OPERATOR'S WELL NO. ORR No. 3
 API WELL NO. 47-077-0249
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1677.0' WATER SHED THREE FORK CREEK
 DISTRICT LYONS 3 COUNTY PRESTON
 QUADRANGLE GLADESVILLE (7.5') 368 1222
 SURFACE OWNER JOHN D. & FRANCES K. ORR ACREAGE 34.27
 OIL & GAS ROYALTY OWNER JOHN D. & FRANCES K. ORR LEASE NO. _____ LEASE ACREAGE 34.27
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG _____
 TARGET FORMATION FOURTH SAND ESTIMATED DEPTH 2300'
 WELL OPERATOR MARK RESOURCES CORP. DESIGNATED AGENT OLIN SHOKEY
 ADDRESS Penn Center West, Bldg II, Suite 224 ADDRESS RT #1, Box 139B
PITTSBURGH, PA. 15276 RAVENSWOOD, W.V. 26164

APR 28 1989

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: MARK RESOURCES CORPORATION 30275-(3) 368
- 2) Operator's Well Number: Orr #3 3) Elevation: 1677
- 4) Well type: (a) Oil / or Gas x/
 (b) If Gas: Production x/ Underground Storage /
 Deep / Shallow x/
- 5) Proposed Target Formation(s): Fourth Sand
- 6) Proposed Total Depth: 2186' feet
- 7) Approximate fresh water strata depths: 200'- 280'
- 8) Approximate salt water depths: None
- 9) Approximate coal seam depths: 427-430' 477-482'
- 10) Does land contain coal seams tributary to active mine? Yes / No x/
- 11) Proposed Well Work: To drill and complete new well.
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor						
Fresh Water	7"				990' ←	38 CSR 18-11.3 38 CSR 18-11.2
Coal						
Intermediate						
Production	4 1/2"				2180' ←	38 CSR 18-11.1
Tubing	1 1/2"				2100'	None
Liners				<i>Don Ellis</i>		

PACKERS : Kind None
 Sizes
 Depths set

RECEIVED
 APR 13 1989

3547

For Division of Oil and Gas Use Only

14109
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blank + 50 units Agent
 (Type)

RECEIVED
APR 13 1989

Date: April 3, 1989
Operator's well number _____
Orr #3
API Well No: 47 - 077 - 0249
State - County - Permit _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>4) Surface Owner(s) to be served:
 (a) Name <u>John D. & Frances K. Orr</u>
 Address <u>Route #1, Box 241</u>
 <u>Independence, WV 26374</u>
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____</p> | <p>5) (a) Coal Operator:
 Name _____
 Address _____
 (b) Coal Owner(s) with Declaration
 Name _____
 Address _____
 Name _____
 Address _____
 (c) Coal Lessee with Declaration
 Name _____
 Address _____</p> |
| <p>6) Inspector <u>Donald Ellis</u>
 Address <u>2604 Crab Apple Lane</u>
 <u>Fairmont, WV 26554</u>
 Telephone (304)- _____</p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 _____ Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
 I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
 Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
 I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator MARK RESOURCES CORPORATION
 By: Henry C. Smyth
 Its: Vice President of Operations
 Address Penn Center West, Bldg. II, Suite 224
Pittsburgh, PA 15276
 Telephone 412-788-1340

Subscribed and sworn before me this 3rd day of April, 19 89

Florence L. Dixon
My commission expires October 2, 1989

NOTARIAL SEAL Notary Public
 FLORENCE L. DIXON, NOTARY PUBLIC
 ROBINSON TWP., ALLEGHENY COUNTY
 MY COMMISSION EXPIRES OCT. 2, 1989
 Member, Pennsylvania Association of Notaries