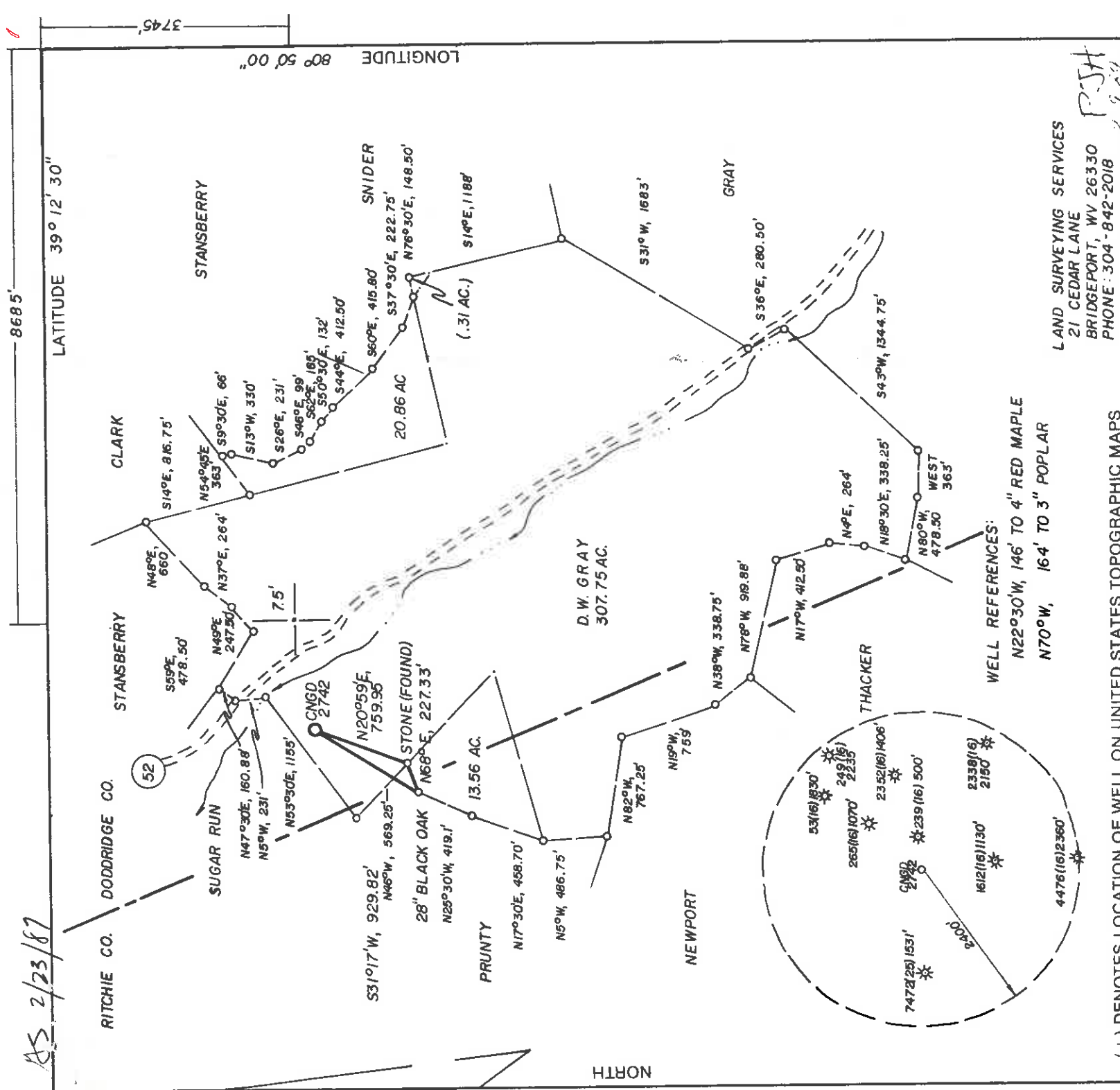


AS 2/23/87



LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018

R-JH  
2 9 24

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. 1,000  
SCALE 1" = 1,000'  
MINIMUM DEGREE OF \_\_\_\_\_  
ACCURACY 1 IN 200  
PROVEN SOURCE OF \_\_\_\_\_  
ELEVATION TOP OF KNOB 2298 SW  
OF LOCATION AT ELEV. 1317

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 ENERGY.  
(SIGNED) \_\_\_\_\_  
R.P.E. \_\_\_\_\_ L.L.S. NO. 674  
STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY  
OIL AND GAS DIVISION



DATE JANUARY 12, 19 87  
OPERATOR'S WELL NO. CNGD 2742  
API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 320' WATER SHED SUGAR RUN COUNTY CANCELLED  
DISTRICT SOUTHWEST COUNTY DOODRIDGE

QUADRANGLE OXFORD 7.5'  
SURFACE OWNER VENOCHIA GRAY LEASE ACREAGE 152.33  
OIL & GAS ROYALTY OWNER D. W. GRAY LEASE ACREAGE 343

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
LEASE NO. DV 11318-343

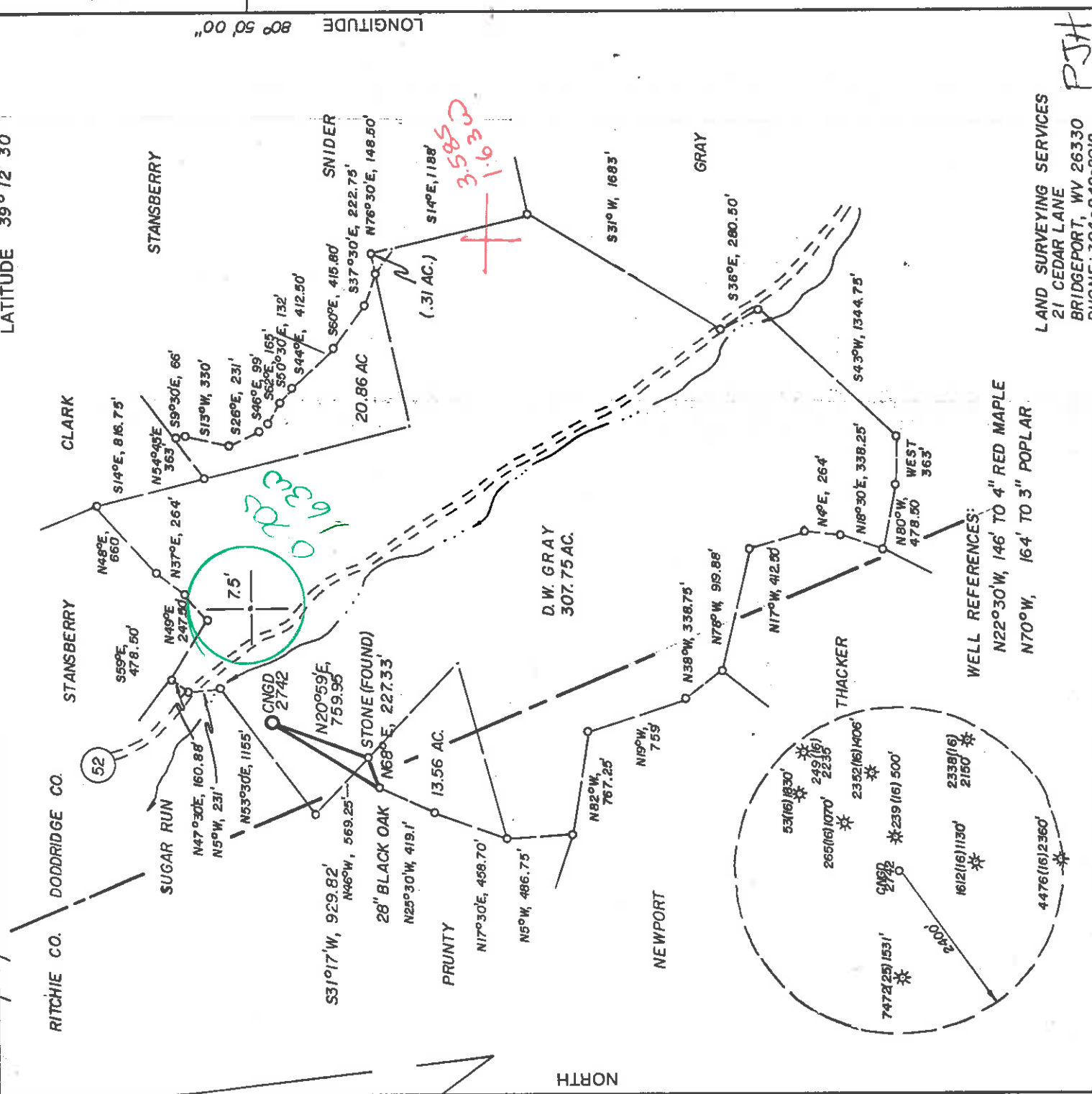
PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5280'  
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
ADDRESS ONE PARK RIDGE CENTER ADDRESS ROUTE 2, BOX 698  
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

County Name Dood Permit 3524

85-2/23/87

8685 39 15

LATITUDE 39° 12' 30" LONGITUDE 80° 50' 00"



WELL REFERENCES:  
 N22°30'W, 146' TO 4" RED MAPLE  
 N70°W, 164' TO 3" POPLAR

LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018  
 P.J.H. 2-9-87

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1,000'  
 MINIMUM DEGREE OF \_\_\_\_\_  
 ACCURACY 1 IN 200  
 PROVEN SOURCE OF \_\_\_\_\_  
 ELEVATION TOP OF KNOB 2296 SW  
 OF LOCATION AT ELEV. 1317

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 ENERGY.  
 (SIGNED) *Stephen D. Losh*

R.P.E. \_\_\_\_\_ I.L.S. NO. 674  
 STEPHEN D. LOSH



PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE JANUARY 12, 19 87  
 OPERATOR'S WELL NO. CNGD 2742  
 API WELL NO. \_\_\_\_\_

47-017-3524  
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL  
 (IF "GAS,") PRODUCTION X STORAGE DEEP SHALLOW X  
 LOCATION: ELEVATION 920 WATER SHED SUGAR RUN  
 DISTRICT SOUTHWEST 7 COUNTY DODDRIDGE  
 QUADRANGLE OXFORD 7.5 526 058 NC2  
 SURFACE OWNER VENOCHIA GRAY  
 OIL & GAS ROYALTY OWNER D. W. GRAY LEASE ACREAGE 343

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR  
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW  
 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG  
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5280  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS ROUTE 2, BOX 698  
 PITTSBURGH, PA 15244

COUNTY NAME

PERMIT

JAN 16 1987





1) Date: February 10, 19 87  
2) Operator's Well No. CNGD 2742  
3) API Well No. 47 017 3524  
State County Permit

FEB 19 1987

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

4) WELL TYPE: A Oil  Gas   
B (If "Gas", Production  Underground storage  Deep  Shallow   
5) LOCATION: Elevation: 920 District: Southwest 7  
Watershed: Sugar Run  
County: Doddridge 017 Quadrangle: Oxford 585  
6) WELL OPERATOR: CNG Development Co CODE: 10110 7) DESIGNATED AGENT Gary Nicholas  
Address c/o Cheryl S. Hartle P.O. Box 15746  
Pittsburgh, PA 15244  
Address Crosswind Corporate Park  
Rt. 2, Box 698, Bridgeport, WV 26330  
8) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Mike Underwood  
Address Route 2, Box 114  
Salem, WV 26426  
9) DRILLING CONTRACTOR:  
Name Sam Jack Drilling Co.  
Address P.O. Box 48  
Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill  deeper  Redrill  Stimulate   
Plug off old formation  Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_

11) GEOLOGICAL TARGET FORMATION, Alexander 24  
12) Estimated depth of completed well, 5280 feet  
13) Approximate trata depths: Fresh, None reported; salt, 1225 Damp feet.  
14) Approximate coal seam depths: None reported Is coal being mined in the area? Yes  No   
15) CASING AND TUBING PROGRAM Refer to Permit #3490, 3358 and 7472

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used		
Conductor	11-3/4	H-40	42	X			
Fresh water							
Coal							
Intermediate	8-5/8	X-42	23	X			
Production	4-1/2	J-55	10.5	X			
Tubing	1-1/2	CN-55	2.75	X			
Liners							

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-017-3524 Date March 10 19 87

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
Permit expires March 10, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing Fee: 17264	WPCF: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.  
See the reverse side of the APPLICANT'S COPY for instructions to the well operator.  
John U. Johnston  
Director, Division of Oil and Gas

9707

