

FILE NO. CHASE - 1 - 4  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 300 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION Junction of driveway at road W of Location El. = 899'

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.  
*Mark C. Echard*  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490

PLACE SEAL HERE

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



DATE JUNE 2, 1981  
 OPERATOR'S WELL NO. TWO  
 API WELL NO. \_\_\_\_\_  
47 - 017 - 3019  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION 961' WATER SHED CABIN RUN  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 QUADRANGLE OXFORD 7.5' HOLBROOK 15 NC  
 SURFACE OWNER CHARLES W. PRIM, et ux ACREAGE 19.37  
 OIL & GAS ROYALTY OWNER CHARLES W. PRIM, et ux LEASE ACREAGE 19.37  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL  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 GORDON ESTIMATED DEPTH 2990'  
 WELL OPERATOR CHASE PETROLEUM CORP. DESIGNATED AGENT MR. ALTON SKINNER  
 ADDRESS P.O. BOX 297 ADDRESS P.O. BOX 297  
GLENVILLE, W.V. 26351 GLENVILLE, W.V. 26351

6-6 Straight Fork-Bluestone Creek (133)

JUL 09 1981



**RECEIVED**

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

NOV 13 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

Quadrangle Oxford 7.5  
Permit No. 47-017-3019

Rotary X Oil \_\_\_\_\_  
Cable \_\_\_\_\_ Gas X \_\_\_\_\_  
Recycling \_\_\_\_\_ Comb \_\_\_\_\_  
Water Flood \_\_\_\_\_ Storage \_\_\_\_\_  
Disposal \_\_\_\_\_ (Kind)

Company Chase Petroleum  
Address P.O. Drawer 369, Glenville, W.Va. 26351  
Farm Charles W. Prim Acres 19.37  
Location (waters) Cabin Run  
Well No. Charles Prim #2 Elev. 961  
District Central County Doddridge  
The surface of tract is owned in fee by Charles W. Prim

Address Rt. #4, Box 7, Big Springs W.Va. 26137  
Mineral rights are owned by Charles W. Prim  
Address Big Springs W.Va.  
Drilling Commenced August 2, 1981  
Drilling Completed August 9, 1981  
Initial open flow 50,000 cu. ft. 0 bbls.  
Final production 550,000 cu. ft. per day 0 bbls.  
Well open 4 hrs. before test 1150 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks.)
Size 20-16			
Cond. 13-10"	11 3/4	10	0
9 5/8			
8 5/8	23#	646	646
7			
5 1/2			
4 1/2	10.5#	2564	2564
3			
2			
Lines Used			

Well treatment details: Attach copy of cementing record. 550 MCF

Fraced Weir: 2364-2468; 17 holes; 645 bbls. Total fluid; 20,000 # 80/100  
50,000 # 20/40; 14,000 # 10/20

Fraced Weir: 2282-2338; 16 holes; 718 bbls total fluid 20,000 # 80/100  
62,000 # 20/40 14,000 # 10/20

Fraced Injum: 2076-2102; 10 holes; 741 bbls. total fluid; 15,000 # 80/100  
40,000 # 20/40

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 65 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Weir, Weir, Injum Depth 2364-2468; 2282-2338; 2076-2102  
2282-2468 BT

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			0	40		
Sand			40	70		
Shale			70	90		
Sand			90	138		
Red Rock			138	140		
Sand			140	200		
Shale			200	215		
Sand			215	325		
Sand & Shale			325	500		
Red Rock & Shale			500	573		
Sand & Shale			573	665		
Sand			665	710		
Shale			710	1470		
Sand			1470	1590		
Shale			1590	1990		
Big Lime			1990	2100		
Shale			2100	2260		
Sand			2260	2285		
Shale			2285	2350		
Sand			2350	2385		
Shale			2385	2660	T.D.	

DEC 4 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks

November 11, 1981

Alton Skinner



Well No. Charles Prim #2  
Farm Charles Prim  
API # 47 - 017 - 3019  
Date June 12, 1981

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil \_\_\_ / Gas X /  
(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X /

LOCATION: Elevation: 961 Watershed: Cabin Run  
District: Central County: Doddridge Quadrangle: Oxford 7.5

WELL OPERATOR Chase Petroleum  
Address P.O. Drawer 369  
Glenville, W.Va. 26351

DESIGNATED AGENT Alton Skinner  
Address P.O. Drawer 369  
Glenville, W.Va. 26351

OIL AND GAS ROYALTY OWNER Charles W. Prim  
Address Route 4, Box 7  
Big Springs, W.Va. 26137  
Acreage 19.37

COAL OPERATOR none  
Address \_\_\_\_\_

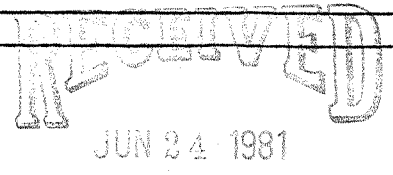
SURFACE OWNER Charles W. Prim  
Address Route 4, Box 7  
Big Springs, W.Va. 26137  
Acreage 19.37

COAL OWNER(S) WITH DECLARATION ON RECORD:  
NAME lessor (if any)  
Address \_\_\_\_\_  
NAME \_\_\_\_\_  
Address \_\_\_\_\_

FIELD SALE (IF MADE) TO:  
NAME uncommitted  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
NAME none  
Address \_\_\_\_\_

OIL AND GAS INSPECTOR TO BE NOTIFIED:  
NAME Stephen Casey  
Address Rt. 2, Box 232-D  
Jane Lew, W.Va. 26378  
Telephone 884-7470



OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ / lease X / other contract \_\_\_ / dated 3/28, 1981, to the undersigned well operator from Charles W. Prim.

(If said deed, lease, or other contract has been recorded:)

Recorded on March 31, 1981, in the office of the Clerk of County Commission of Doddridge County, West Virginia, in Lease <sup>119</sup> Book at page 752. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill Deeper \_\_\_ / Redrill \_\_\_ / Fracture or stimulate X / Plug off old formation \_\_\_ / Perforate new formation \_\_\_ / Other physical change in well (specify) \_\_\_\_\_

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1613 WASHINGTON ST., E.  
CHARLESTON, WV 25311  
Telephone - 304/348-3092

BLANKET BOND

Chase Petroleum  
Well Operator  
By: Alton Skinner  
Its: Agent

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) unknown

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Gordon

Estimated depth of completed well 2990 feet. Rotary x / Cable tools     /  
Approximate water strata depths: Fresh, 30 feet; salt,     feet.  
Approximate coal seam depths: none  
Is coal being mined in this area: Yes     / No x /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling		
Conductor	11 3/4				X	30	-0-	Kinds
Fresh water								
Coal								Sizes
Intermed.	8 5/8		23#	X		1450	1450	CIS
Production	4 1/2		10.5#	X		2940	2940	350 sks
Tubing								Depths set
Liners								Perforations: Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

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 2-26-82.

J. E. Murray  
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator     / owner     / lessee     / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the coal operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_.

By: \_\_\_\_\_

Its: \_\_\_\_\_