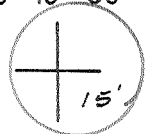
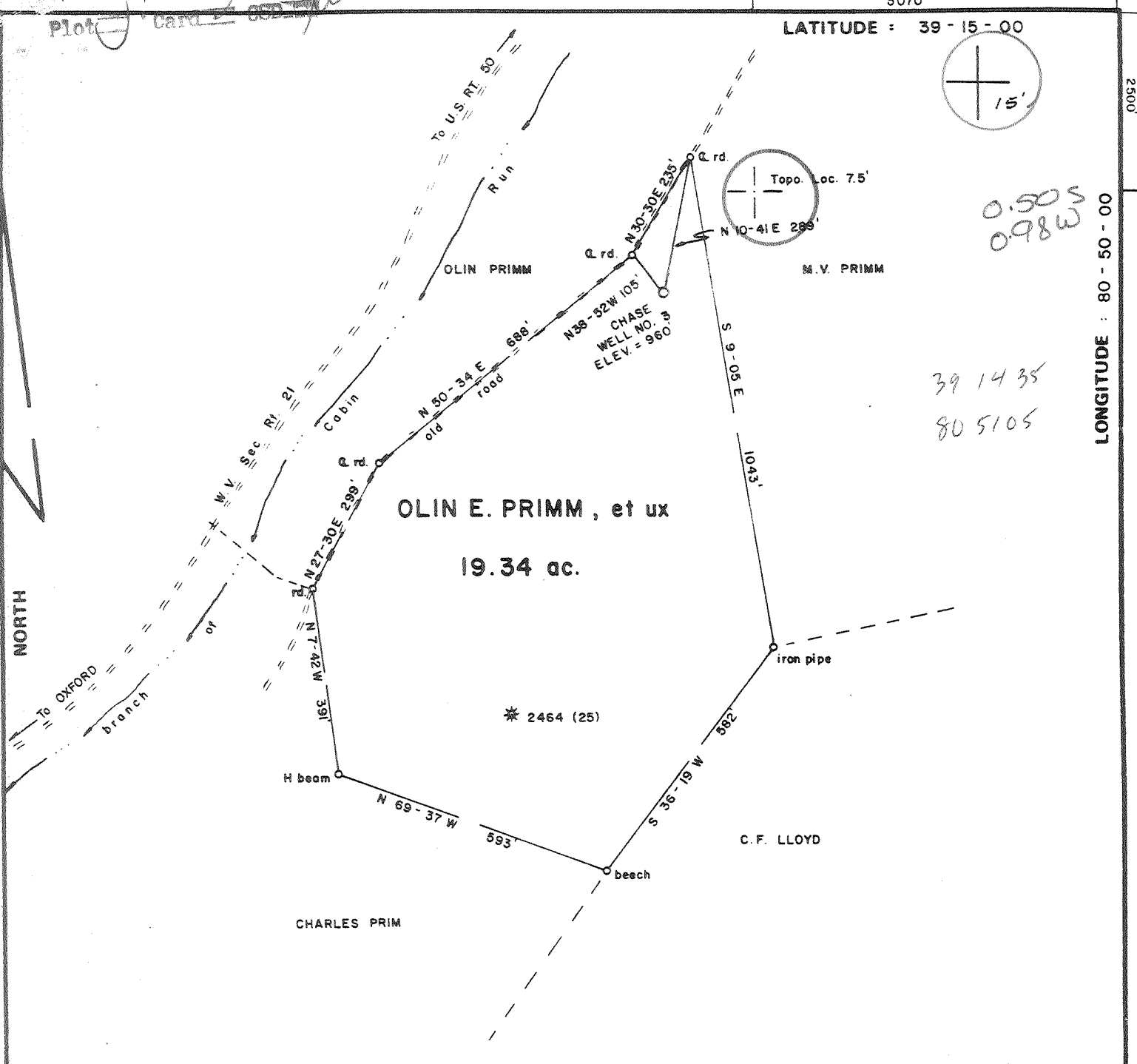


5070'

LATITUDE : 39-15-00



LONGITUDE : 80-50-00



0.505  
0.98W

39 14 35  
80 51 05

FILE NO. CHASE - 1 - 4  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1 inch = 300 feet  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION Junction of road & driveway SW 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. THREE  
 API WELL NO. 47-017-3020  
 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 960' WATER SHED CABIN RUN  
 DISTRICT CENTRAL COUNTY DODDRIDGE  
 QUADRANGLE OXFORD 75' Hotbrook 15' NC  
 SURFACE OWNER OLIN E. PRIMM, et ux ACREAGE 19.34  
 OIL & GAS ROYALTY OWNER OLIN E. PRIMM, et ux LEASE ACREAGE 19.34  
 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

JUL 09 1981



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

RECEIVED

NOV 13 1981

Oil and Gas Division

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

WELL RECORD

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

Quadrangle Oxford 7.5  
Permit No. 47-017-3020

Company Chase Petroleum  
Address P.O. Drawer 369, Glenville, W.Va. 26351  
Farm Olin E. Primm Acres 19.34  
Location (waters) Cabin Run  
Well No. Olin Primm #3 Elev. 960  
District Central County Doddridge  
The surface of tract is owned in fee by Olin E. Primm

Address Rt. # 1, West Union, W.Va. 26456  
Mineral rights are owned by Olin E. Primm  
West Union W.Va.

Drilling Commenced July 22, 1981  
Drilling Completed July 24, 1981  
Initial open flow 45,000 cu. ft. 0 bbls.  
Final production 525,000 cu. ft. per day 0 bbls.  
Well open 4 hrs. before test 1125 HP.

Well treatment details:

Attach copy of cementing record.

Fraced Weir: 2352-2386; 12 holes; 662 bbls. total fluid; 20,000# 80/100; 50,000# 20/40  
14,000# 10/20  
Fraced Weir 2270-2314; 17 holes; 730 bbls. total fluid; 20,000# 80/100, 62,000# 20/40  
14,000# 10/20  
Fraced Injun: 2064-2078; 15 holes; 795 bbls. total fluid; 20,000# 80/100,  
50,000# 20/40

Coal was encountered at none Feet \_\_\_\_\_ Inches \_\_\_\_\_  
Fresh water 80 Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand Weir, Injun Depth 2352-2386; 2270-2314; 2064, 2078

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			10	20		
Shale			20	80		
Sand			80	135		
Red Rock & Sand			135	170		
Sand			170	200		
Red Rock & Shale			200	575		
Sand & Shale			575	1000		
Red Rock			1000	1930		
Lime & Shale			1930	1970		
Lime			1970	2090		
Shale			2090	2631		
	<i>BEREA</i>				T.D.	

DEC 4 1981

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

Date November 14 1981  
*Alton Skinner*



(Reverse)

(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

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For Drill-ling, Left in Well), CEMENT FILL-UP OR SACKS (Cubic ft.), PACKERS (Kinds, Sizes, Depths set, 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. G. 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 well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19

By:

Its: