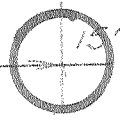


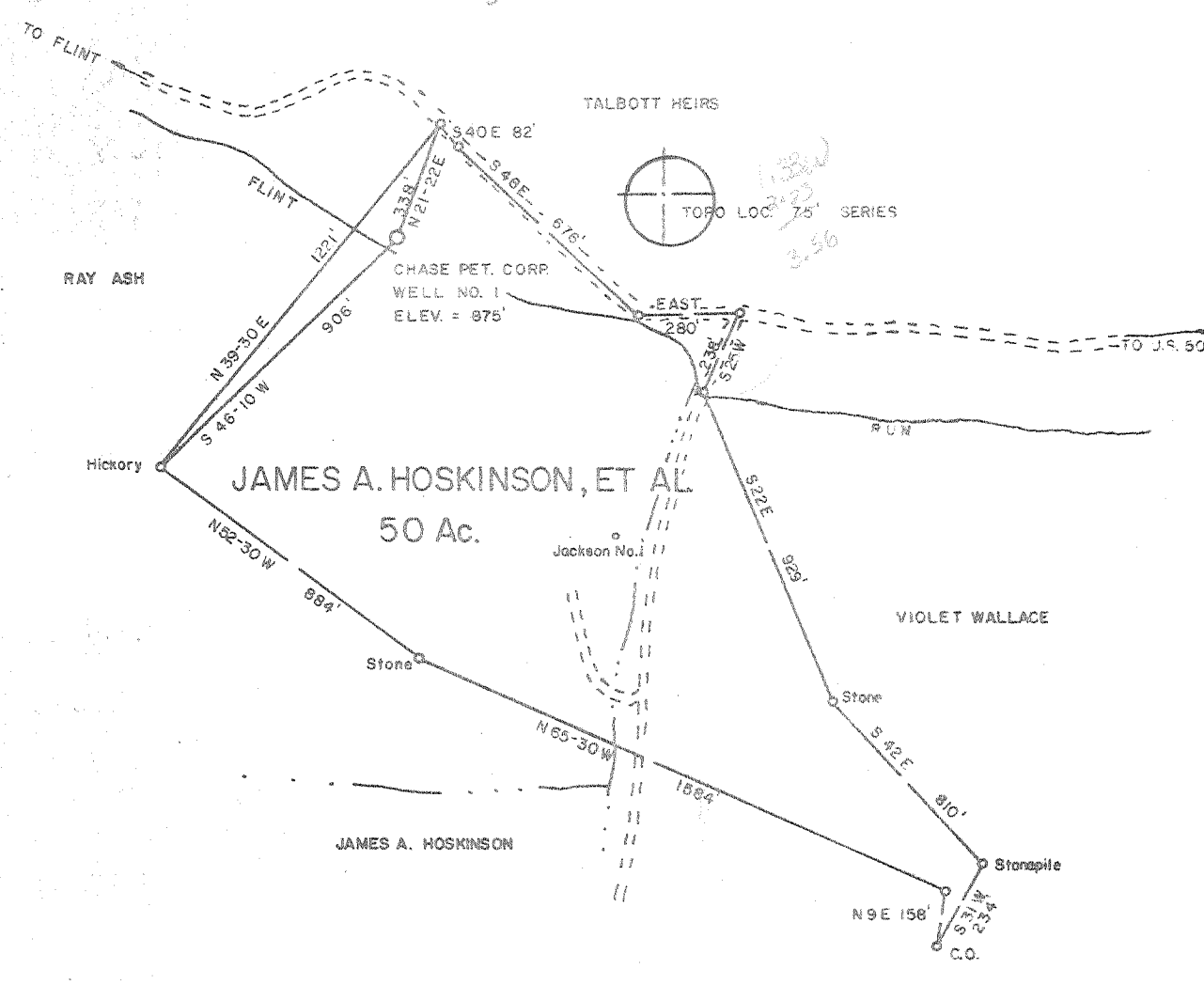
LATITUDE 39-20-00

39 19 20
80 39 05

0.825
3.62W
3.56W



(15)
LONGITUDE 80-37-30



FILE NO. _____
DRAWING NO. _____
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION Jct. Rds. 1000' East of Location Elev. = 874'

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 AUG. 20, 19 80
OPERATOR'S WELL NO. ONE
API WELL NO. 47-017-2820
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 875' WATER SHED FLINT RUN
DISTRICT GRANT COUNTY DODDRIDGE
QUADRANGLE SMITHURG 7.5' CENTER POINT 15.5C
SURFACE OWNER JAMES A. HOSKINSON, ET AL ACREAGE 50
OIL & GAS ROYALTY OWNER JAMES A. HOSKINSON, ET AL LEASE ACREAGE 50
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 ALEXANDER ESTIMATED DEPTH 5650'
WELL OPERATOR CHASE PETROLEUM CORP. DESIGNATED AGENT MR. ALTON SKINNER
ADDRESS P.O. BOX 297 GLENVILLE W.V. 26351 ADDRESS DBA/CHASE PETROLEUM CORP. P.O. BOX 297, GLENVILLE, W.V. 26351



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Rotary X Oil _____
 Cable _____ Gas X _____
 Recycling _____ Comb. _____
 Water Flood _____ Storage _____
 Disposal _____ (Kind) _____

Quadrangle Smithburg 7.5

Permit No. 47-017-2820

Company <u>Chase Petroleum</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>PO Drawer 369, Glenville, WV 26351</u>	Size			
Farm <u>Hoskinson</u> Acres <u>50</u>	20-16			
Location (waters) <u>Flint Run</u>	Cond.			
Well No. <u>Hoskinson #1</u> Elev. <u>875</u>	13-10" 11 3/4	50'	-0-	
District <u>Grant</u> County <u>Doddridge</u>	9 5/8			
The surface of tract is owned in fee by <u>James A. Hoskinson, et al</u>	8 5/8 23#	1415'	1415'	CTS
Address <u>Rt. 2, Box 88-B, Salem, WV</u>	7			
Mineral rights are owned by <u>James A. Hoskinson, et al</u> Address <u>Salem, WV</u>	5 1/2			
Drilling Commenced <u>October 08, 1980</u>	4 1/2 10.5#	5250'	5250'	250 Sks 2500 lb. Gel
Drilling Completed <u>October 13, 1980</u>	3			
Initial open flow <u>-0-</u> cu. ft. <u>-0-</u> bbls.	2			
Final production <u>320,000</u> cu. ft. per day <u>-0-</u> bbls.	Liners Used			
Well open <u>10</u> hrs. before test <u>900</u> RP.				

Well treatment details:

Attach copy of cementing record.

<u>Fraced Alexander; 5020-5108; 14 holes; 546 bbls. Total Fluid; 20,000 # 80/100</u>	<u>60,000 # 20/40</u>
<u>Fraced Benson; 4654-4750; 12 holes; 556 bbls. Total Fluid; 20,000 # 80/100</u>	<u>50,000 #20/40</u>
<u>Fraced Riley; 4214-4352; 14 holes; 499 bbls. Total Fluid; 20,000 # 80/100</u>	<u>43,900 # 20/40</u>

Coal was encountered at 420-428 Feet _____ Inches
 Fresh water 20 Feet _____ Salt Water _____ Feet _____
 Producing Sand Alexander, Benson, Riley Depth 5020-5108, 4654-4750, 4214-4352

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Cond.			G.L.	05		
Sand & Shale			05	35		
Sand			35	40		
Sand & Shale			40	84		
Sand			84	88		
Sand			88	104		
Sand			104	120		
Sand & Shale			120	143		
Sand			143	182		
Sand & Shale			182	193		
Red Rock			193	200		
Sand			200	205		
Sand & Shale			205	211		
Sand			211	240		
Sand & Shale			240	322		
Sand			322	330		
Sand & Shale			330	364		
Sand			364	450		
Sand & Shale			450	483		
Shale			483	524		
Sand			524	535		
Lime			535	539		
Shale			539	549		
Sand & Shale			549	564		

RECORDED
 JAN 22 1981
 OIL AND GAS DIVISION
 DEPT. OF MINES

(over)

* Indicates Electric Log tops in the remarks section.

FEB 13 1981

Formation	Color	Hard or Soft	Top Feet ²⁴	Bottom Feet	Oil, Gas or Water	* Remarks
Sand			564	575		
Shale			575	583		
Sand			583	591		
Sand & Shale			591	625		
Shale & Red Rock			625	699		
Sand			699	717		
Shale			717	738		
Sand			738	745		
Shale & Red Rock			745	802		
Sand			802	810		
Sand & Shale			810	820		
Sand			820	825		
Red Rock & Shale			825	831		
Sand & Shale			831	930		
Sand			930	955		
Sand & Shale			955	976		
Sand			976	984		
Sand & Shale			984	1025		
Sand			1025	1028		
Sand & Shale			1028	1040		
Sand			1040	1105		
Sand & Shale			1105	1280		
Sand			1280	1322		
Sand & Shale			1322	1590		
Shale			1590	1597		
Sand & Shale			1597	1640		
Little Lime			1640	1654		
Shale			1654	1675		
Big Lime & Injun			1675	1780		
Sand & Shale			1780	4745		
Brown Sand - Benson			4745	4751		
Sand & Shale			4751	5008		
<u>Sand</u> ALEX			5008	5080		
Sand & Shale			5080	5306	TD	

Date December 3, 19 80

APPROVED Alton Skinner, Owner



RECEIVED

AUG 27 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

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

DATE August 26, 1980

Surface Owner James A. Hoskinson, et al

Company Chase Petroleum

Address Pt. 2, Box 88-B, Salem WV

Address Drawer 369, Glenville, WV 26351

Mineral Owner James A. Hoskinson, et al

Farm Hoskinson Acres 50

Address Pt. 2, Box 88-B, Salem, WV

Location (waters) Flint Run

Coal Owner No coal

Well No. Hoskinson #1 Elevation 875

Address _____

District Grant County Loddridge

Coal Operator None

Quadrangle Smithburg 7.5

Address _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All operations being in accordance with Chapter 22, § 22-2-1, W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 5-5-81.

INSPECTOR
TO BE NOTIFIED Paul Garrett

ADDRESS 321 Beech St., Clarksburg, WV 2630

PHONE 622-3871

John B. ...
Deputy Director - Oil & Gas Division

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 July 11 10 80 by Continental Reserves, Inc made to Alton Skinner and recorded on the 7th day of August 1980, in Doddridge County, Book 116 Page 371

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Address
of
Well Operator

Very truly yours,
(Sign Name) Alton Skinner
Well Operator

PO Drawer 369
Street
Glenville
City or Town
West Virginia, 26351
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.

BLANKET BOND

47-017-2820

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12.8 and will carry out the specified requirements."

Signed by Alton Skinner

Survey

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL DEEPEN X FRACTURE STIMULATE

DRILLING CONTRACTOR (If Known) RESPONSIBLE AGENT

NAME S.W. Jack Drilling Company NAME Alton Skinner

ADDRESS Buckhannon, WV 26201 ADDRESS Box 297, Glenville, WV 26351

TELEPHONE 472-9403 TELEPHONE 462-8916

ESTIMATED DEPTH OF COMPLETED WELL 5600 ROTARY X CABLE TOOLS

PROPOSED GEOLOGICAL FORMATION: Alexander

TYPE OF WELL OIL GAS X COMB STORAGE DISPOSAL

RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FILL IN WELL	CEMENT FILL OR SACKS PER FOOT
20 16			
13 10 11 3/4	30'	-0-	
9 5/8			
8 5/8 23#	1800'	1800'	CTS
7			
5 1/2			
4 1/2 10.5#	5550'	5550'	
3			Perf. Top
2			Perf. Bottom
1 1/2			Perf. Top
1			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET SALT WATER 400 FEET

APPROXIMATE COAL DEPTHS no coal

IS COAL BEING MINED IN THE AREA? No BY WHOM? N/A

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