



OWNERSHIP

No Coal
 Minerals: - Clara Smith, et al, Pennsboro, W. Va.
 Surface: - Emmit James, Oxford, W. Va.

Minimum Error of Closure 1 in 200

Source of Elevation Elev. Well No. 7 (location)

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: [Signature]
 Squares: N E W

Company CHASE PETROLEUM CORP
 Address P.O. Drawer 369, Glenville, W. Va
 Farm T.V. Smith's Heirs (JAMES)
 Tract _____ Acres 67 Lease No. _____
 Well (Farm) No. Three Serial No. _____
 Elevation (Spirit Level) 1094
 Quadrangle Oxford 7 1/2 Halbrook 15 NC
 County Doddridge District Central
 Engineer [Signature]
 Engineer's Registration No. 1227
 File No. _____ Drawing No. _____
 Date December 17, 1979 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO 47-017-2573

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date July 24, 1980

FORM IV-35
(Obverse)

Operator's
Well No. T.V. Smith # 3

[08-78]

WELL OPERATOR'S REPORT
OF

API Well No. 47 - 017 - 252
State County Perm

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal /
(If "Gas", Production / Underground storage / Deep / Shallow /)

LOCATION: Elevation: 1094 Watershed: Calf Run
District: Central County: Doddridge Quadrangle: Holbrook 15
Oxford 7 1/2

WELL OPERATOR Chase Petroleum DESIGNATED AGENT Alton Skinner
Address PO Drawer 369 Address PO Box 297
Glenville, WV 26351 Glenville, WV 26351

PERMITTED WORK: Drill / Convert / Drill deeper / Redrill / Fracture or stimulate
Plug off old formation / Perforate new formation /
Other physical change in well (specify) _____

RECEIVED
JUL 28 1980

OIL & GAS DIVISION
DEPT. OF MINES

PERMIT ISSUED ON January 11, 1980 OIL & GAS INSPECTOR FOR THIS WORK:
Name Paul Garrett
Address 321 Beech Street
Clarksburg, WV 26301

GEOLOGICAL TARGET FORMATION: Alexander Depth 5550 feet
Depth of completed well, 2990 feet Rotary / Cable Tools
Water strata depth: Fresh, 89 feet; salt, _____ feet.
Coal seam depths: none Is coal being mined in the area? no
Work was commenced January 16, 1980, and completed January 18, 1980

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-IN OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
conductor	11 3/4				X	20	0	Minds
fresh water								
cal								Sizes
intermediate	8 5/8		23#	X		793	793	CTS
production	4 1/2		10.5#	X		2612	2612	350 sacks
tubing								Depth set
liners								Perforations:
								Bottom

OPEN FLOW DATA

Producing formation Weir-Injun Pay zone depth 2352-2466 Weir
2160-2173 Bl...
Gas: Initial open flow, 50 Mcf/d Oil: Initial open flow, 3 bbl/d
Final open flow, 1,200 Mcf/d Final open flow, 0 bbl/d
Time of open flow between initial and final tests, 10 hours
Static rock pressure, 775 psig (surface measurement) after 7 hours shut in.
[If applicable due to multiple completion--]
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ bbl/d
Final open flow, _____ Mcf/d Final open flow, _____ bbl/d
Time of open flow between initial and final tests _____ hours

AUG 1 1980

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fraced Weir-Injun 2160-2466, 38 holes, 124 bbls total fluid, 80,000 # 80/100
90,000 # 20/40

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Cond.			G.I.	80	
Sand & Shale			80	89	
Sand			89	148	
Red Rock, Sand & Shale			148	160	
Sand			160	175	
Red Rock & Shale			175	200	
Sand			200	210	
Red Rock & Shale			210	223	
Sand			223	230	
Sand & Shale			230	238	
Sand			238	615	
Sand & Shale			615	760	
Sand			760	765	
Red Rock & Shale			765	780	
Sand			780	791	
Red Rock & Shale			791	810	
Sand & Shale			810	1970	
Red Rock & Shale			1970	1985	
Sand & Shale			1985	2010	
Shale			2010	2015	
Little Lime			2015	2029	
Sand & Shale			2029	2050	
Shale			2050	2060	
Big Lime & Injun Sand			2060	2172	
Sand & Shale			2172	2990TD	Dec.

(Attach separate sheets to complete as necessary)

Chase Petroleum

Well Operator

By

Alton Skinner

Its

Owner/Agent

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. 3
API Well No. 47 - 017 - 2573
State County Permit

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

LOCATION: Elevation: 1094 Watershed: Calf Run
District: Central County: Doddridge Quadrangle: Oxford 7-1/2

WELL OPERATOR Chase Petroleum DESIGNATED AGENT Alton Skinner
Address P.O. Box 297 Address Holbrook 15
Glenville, W.Va. 26351 P.O. Box 297
Glenville, W.Va. 26351

OIL & GAS ROYALTY OWNER Clara Smith, et al COAL OPERATOR None
Address Pennsboro, W.Va. Address

ACREAGE 67 COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Emmit James Name None
Address Oxford, W.Va. Address

ACREAGE 67 Name
FIELD SALE (IF MADE) TO: Address
Name Uncommitted Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Paul Garrett
Address Clarksburg, W.Va. 26301

OIL & GAS DIVISION
DEPT. OF MINES

JAN 10 1980

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 October 2, 1979, to the undersigned well operator from Clara Smith, et al

[If said deed, lease, or other contract has been recorded:]
Recorded on October 3, 1979, in the office of the Clerk of the County Commission of Doddridge County, West Virginia, in Lease Book 111 at page 388. 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 the receipt of this Application by the Department.

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 lessee on or before the day of the mailing or delivery of this Permit 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
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3000

Chase Petroleum
Well Operator
Alton Skinner
Pres

BLANKET BOND

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Co.
Buckhannon, W.Va. 26201
Address _____

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5550 feet Rotary X / Cable tools _____ /
Approximate water strata depths: Fresh, 30 feet; salt, 1200 feet.
Approximate coal seam depths: No Coal Is coal being mined in the area? Yes _____ / No X /

DRILLING AND TUBING PROGRAM

DRILLING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		
Conductor	16"				X	30'	30'	30	Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8		23#	X		1750'	1750'	CTS	
Production	4-1/2		10.5#	X		5250'	5250'	3000'	Depths set
Tubing									
Runners									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.

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 9-11-80.

Robert T. [Signature]
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 regulations.

By _____
Its _____