



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 300'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B.M. # M-126
ELEV. 1400.18'

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.

(SIGNED) Charles V. Eller
 R.P.E. _____ L.L.S. No. 39

PLACE SEAL HERE

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

FORM IV-6
(8-78)



DATE OCT. 26, 1984
 OPERATOR'S WELL NO. _____
 API WELL NO. 47-103-1316
 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 1127.80 WATER SHED CARNEY FORK RUN
 DISTRICT CENTER COUNTY WETZEL
 QUADRANGLE 431 LITTLETON #10' NC2 067

SURFACE OWNER RICHARD B. SHERIDAN ACREAGE 130

OIL & GAS ROYALTY OWNER RICHARD B. SHERIDAN ET AL LEASE ACREAGE 130

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 SAND ESTIMATED DEPTH 3500'

WELL OPERATOR CHASE PETROLEUM DESIGNATED AGENT ALTON SKINNER

ADDRESS DRAWER 369 162 ADDRESS SAME

GLENVILLE, W.V. 26351

DEC 03 1984

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FEB 27 1985



OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date February 25, 1985
Operator's Well No. Sheridan #1
Farm Richard Sheridan
API No. 47 - 103 - 1316

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1128 Watershed Carney Fork Run
District: Center County Wetzell Quadrangle Littleton

COMPANY Chase Petroleum, Inc.
ADDRESS P.O. Drawer 369, Glenville, WV 26351
DESIGNATED AGENT Alton Skinner
ADDRESS P.O. Drawer 369, Glenville, WV 26351
SURFACE OWNER Richard B. Sheridan
ADDRESS Wileyville, WV 26186
MINERAL RIGHTS OWNER Richard B. Sheridan, etal
ADDRESS Wileyville, WV 26186
OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther
ADDRESS Middlebourne, WV 26149
PERMIT ISSUED 11/01/84
DRILLING COMMENCED 11/26/84
DRILLING COMPLETED 12/02/84

Table with 4 columns: Casing Tubing Size, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

GEOLOGICAL TARGET FORMATION Gordon Sand Depth 3500 feet
Depth of completed well 4200 feet Rotary X / Cable Tools
Water strata depth: Fresh 70 feet; Salt 1750 feet
Coal seam depths: None Is coal being mined in the area? X

OPEN FLOW DATA

Producing formation Gordon Pay zone depth 3069-3090 feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 15 Mcf/d Final open flow 1 Bbl/d
Time of open flow between initial and final tests n/a hours
Static rock pressure 300 psig(surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)

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

Fraced Gordon 3069-3090, 9 holes, 550 Bbls water, 40,000# 20/40, 15,000# 80/100

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Topsoil, Shale, Red Rock			0	22	
Sand, Shale, Red Rock			22	1570	1/2" stream H2O @ 70'
Sand, Shale			1570	1870	Damp @ 1750'
White Sand			1870	1925	
Sand, Shale			1925	2200	
Big Lime			2200	2250	
Sand, Shale			2250	2270	
Injun			2270	2490	
Sand, Shale			2490	2840	
Gantz			2840	2852	
Sand, Shale			2852	3069	
Gordon			3069	3112	
Sand, Shale			3112	3360	Gas odor @ 3150' no show on F.M.
Fifth Sand			3360	3368	
Sand, Shale			3368	3750	
<u>Balltown</u>			3750	4050	
Sand, Shale			4050	4200	TD

4200
3112
1088 -expl. ftg.

(Attach separate sheets as necessary)

Chase Petroleum, Inc.

Well Operator

By: Alton Shivers

Date: February 25, 1985

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

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1) Date: OCTOBER 31, 19 84
 2) Operator's Well No. Sheridan #1
 3) API Well No. 47 - 103 - 1316
 State _____ County _____ Permit _____

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

OIL & GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

DEPT. OF MINES

- 4) WELL TYPE: A Oil Gas
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow)
 5) LOCATION: Elevation: 1400.18 Watershed: Carney Run
 District: Center County: Wetzel Quadrangle: Littleton
 6) WELL OPERATOR: Chase Petroleum Inc. BC35 7) DESIGNATED AGENT Alton Skinner
 Address: Drawer 369 OP950 Address: Drawer 369
Glenville, W. Va. Glenville, W. Va.
 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name: Robert Lowther
 Address: Middlebourne, W. Va.
 Phone: 304-758-4764
 9) DRILLING CONTRACTOR: Name: Unknown
 Address: _____
 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Gordon Sand
 12) Estimated depth of completed well, 3500 feet
 13) Approximate true depths: Fresh, 150 feet; salt, 2480 feet.
 14) Approximate coal seam depths: 1250 Is coal being mined in the area? Yes _____ / No

15) CASING AND TUBING PROGRAM

CASING 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	11 3/4	CW	45#	X		40 Ft.	40 Ft.		Kinds
Fresh water									
Coal	8 5/8	H	23#	X		1800 Ft.	1800 Ft.	350 Sks	<u>NEAT</u>
Intermediate									
Production	4 1/2					3500 Ft.	3500 Ft.	200 Sks	Depths set
Tubing								or as req.	by rule 15.04
Liners									Perforations: Top _____ Bottom _____

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-103-1316

November 1, 19 84
Date

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 November 1, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>35</u>	Agent: <u>J.H.</u>	Plat: <u>TS</u>	Casing: <u>MH</u>	Fee: <u>1090</u>
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Margaret J. Hass
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.