

UNITED STATES BUREAU
OF LAND MANAGEMENT
LEASE-2343.84 AC
WELL MNF-18

LATITUDE 38° 35' 00"

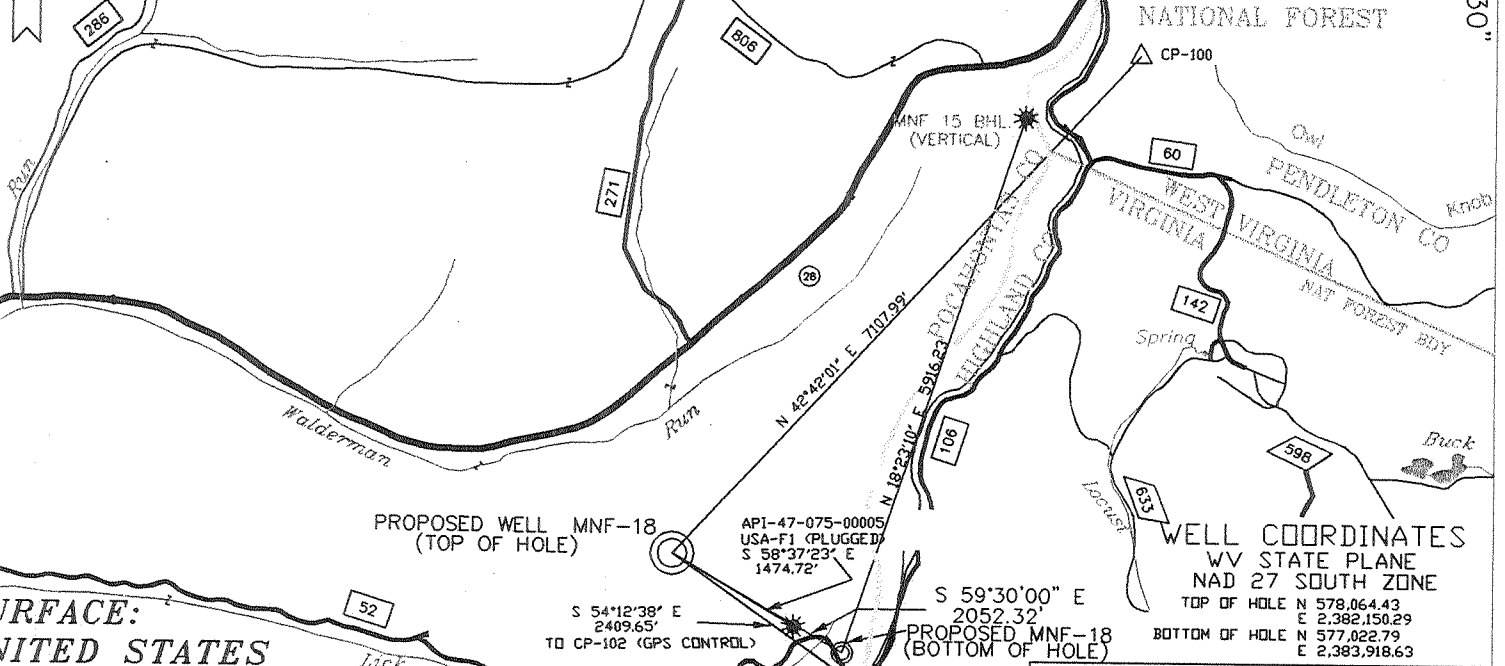
LONGITUDE 79° 37' 30"

7.5 MIN LOC.
TOP OF HOLE

7.5 MIN LOC.
BOTTOM OF HOLE

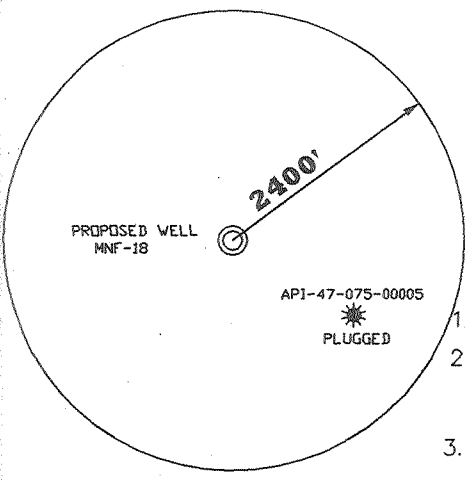
MONONGAHELA NATIONAL
FOREST

GEORGE WASHINGTON
NATIONAL FOREST



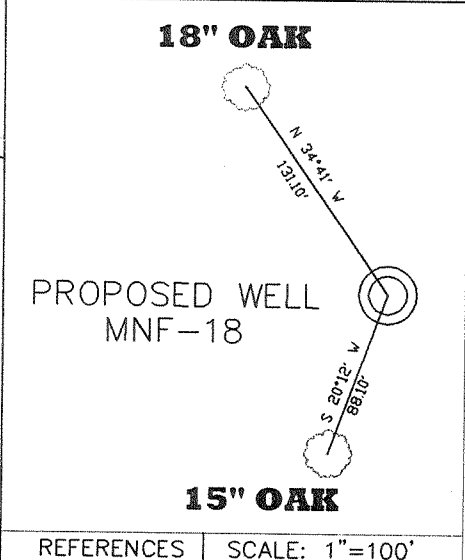
WELL COORDINATES
WV STATE PLANE
NAD 27 SOUTH ZONE
TOP OF HOLE N 578,064.43
E 2,382,150.29
BOTTOM OF HOLE N 577,022.79
E 2,383,918.63

SURFACE:
UNITED STATES
OF AMERICA-2895.50 AC.



NOTES ON SURVEY

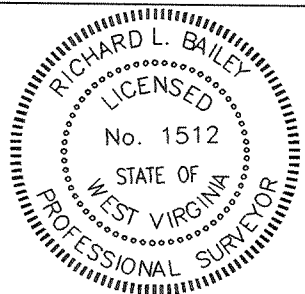
1. SURVEY MERIDIAN ON WV STATE PLANE-NAD27.
2. PROPERTY INFO TAKEN FROM INFORMATION PROVIDED BY CO&G CORP AND INFO ON RECORD IN POCAHONTAS COUNTY COURTHOUSE.
3. LAT./LONG. FROM STATE PLANE CONVERSION TO GEOGRAPHIC.



REFERENCES | SCALE: 1"=100'

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) *Richard L. Bailey 4-25-01*
R.P.E. _____ R.P.S.



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

DATE APRIL 12 2001
OPERATOR'S WELL NO. MNF-18
API WELL No. 47 - 075 - 00054
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY	FILE NO.
1 : 2500	LBL-G202-01
PROVEN SOURCE OF ELEVATION	SCALE:
NGS BM "GREENBRIER-EL-2780"	1" = 2000'
	DRAWING NO. MNF18PLAT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 3864.10 WATER SHED LICK RUN / WALDERMAN RUN
DISTRICT GREENBANK COUNTY POCAHONTAS
QUADRANGLE THORNWOOD 7.5' QUAD

SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 2895.50
OIL & GAS ROYALTY OWNER U.S. BUREAU OF LAND MANAGEMENT LEASE ACREAGE 2343.84
LEASE NO. BLM-A-17120

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 ORISKANY ESTIMATED DEPTH _____
WELL OPERATOR CABOT OIL & GAS DESIGNATED AGENT JOHN ABSHIRE 6-2502
ADDRESS 900 LEE ST. E. SUITE 1500 ADDRESS 900 LEE ST. E SUITE 1500
CHARLESTON, WEST VIRGINIA 25301 CHARLESTON WV 25301

DEEPWELL

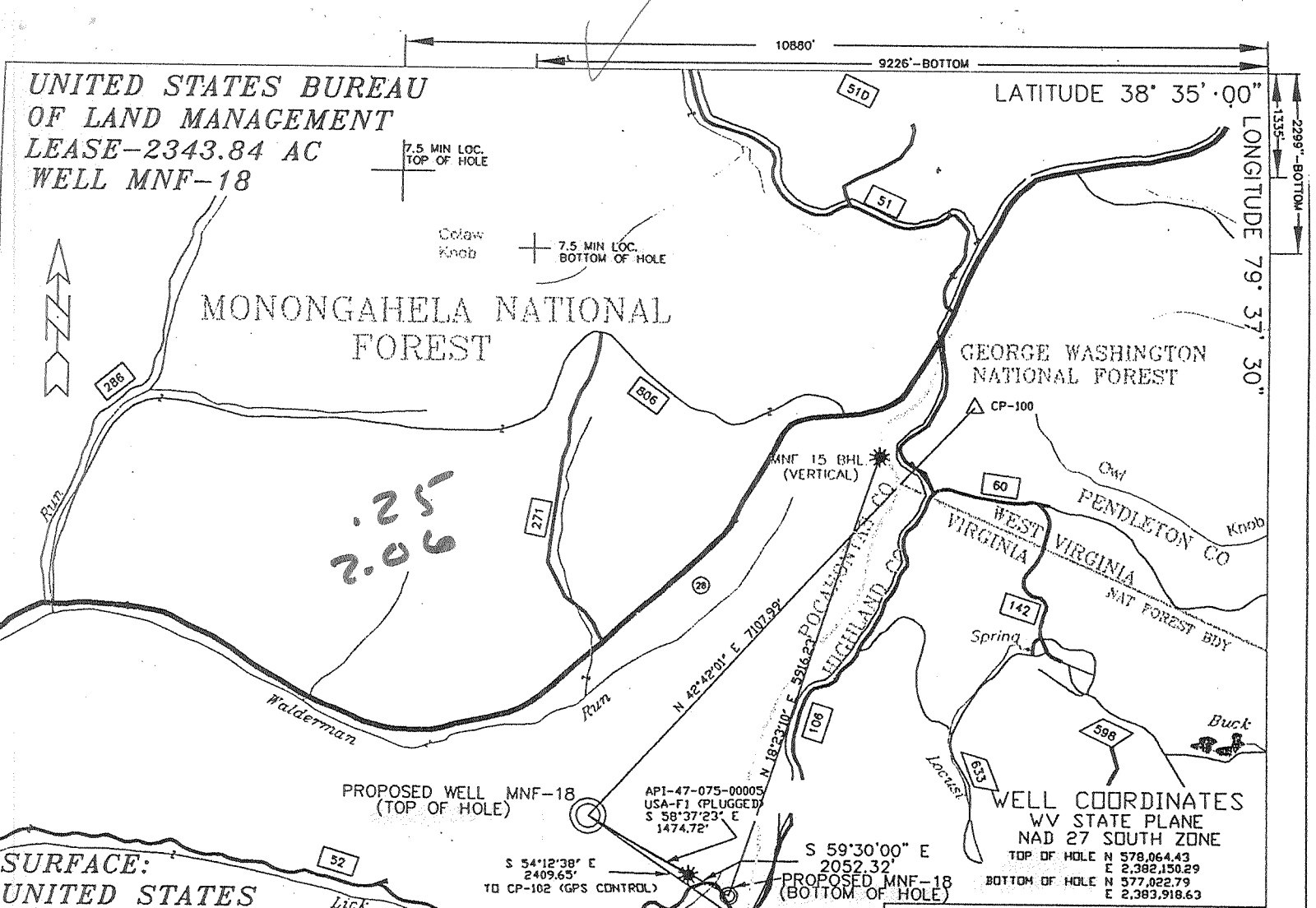
UNITED STATES BUREAU OF LAND MANAGEMENT

LEASE-2343.84 AC
WELL MNF-18

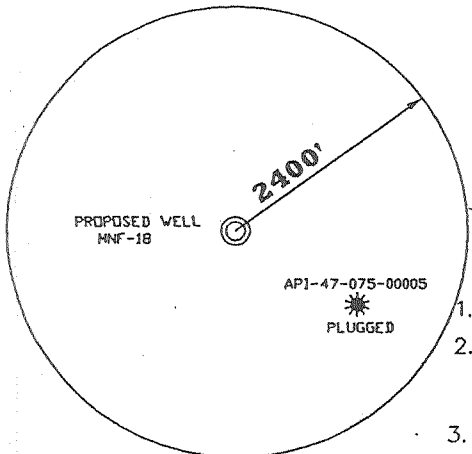
MONONGAHELA NATIONAL FOREST

LATITUDE 38° 35' 00"

LONGITUDE 79° 37' 30"

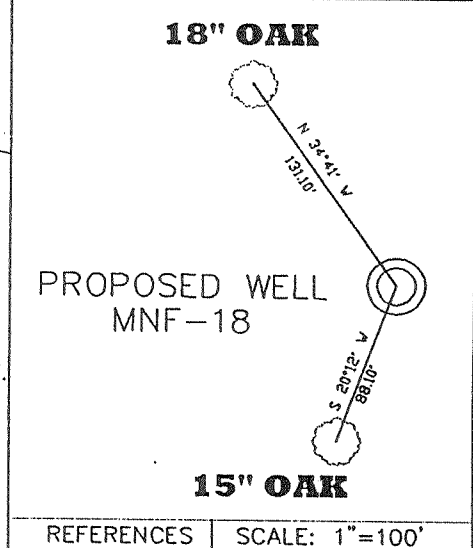


SURFACE: UNITED STATES OF AMERICA-2895.50 AC.



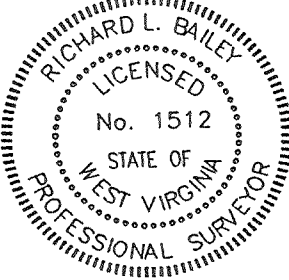
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(SIGNED) *Richard L. Bailey* 4-25-01
R.P.E. _____ R.P.S.



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

DATE APRIL 12 20 01

OPERATOR'S WELL NO. MNF-18

API WELL No. 47 - 075 - 00054

No. STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 : 2500

FILE NO. LBI-G202-01

SCALE: 1" = 2000'

PROVEN SOURCE OF ELEVATION NGS BM "GREENBRIER-EL-2780"

DRAWING NO. MNF18PLAT

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____

(IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 3864.10 WATER SHED LICK RUN / WALDERMAN RUN

DISTRICT GREENBANK COUNTY POCAHONTAS

QUADRANGLE THORNWOOD 7.5' QUAD _____

SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 2895.50

OIL & GAS ROYALTY OWNER U.S. BUREAU OF LAND MANAGEMENT LEASE ACREAGE 2343.84

LEASE NO. BLM-A-17120

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 ORISKANY ESTIMATED DEPTH _____

WELL OPERATOR CABOT OIL & GAS DESIGNATED AGENT JOHN ABSHIRE

ADDRESS 900 LEE ST. E. SUITE 1500 ADDRESS 900 LEE ST. E SUITE 1500

CHARLESTON, WEST VIRGINIA 25301 CHARLESTON WV 25301

6-0 322

POCA 0054

JUL 0 6 2001

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

Reviewed AEJ

Farm name: US Dept Agriculture/Forest Operator Well No.: MNF #18

LOCATION: Elevation: 3864' Quadrangle: Thornwood
District: Greenbank County: Pocahontas
Latitude: 1335' feet South of 38° DEG. 35' MIN. 0" SEC.
Longitude: 10,880' feet West of 79° DEG. 37' MIN. 30" SEC.

Company: Cabot Oil & Gas Corporation
900 Lee Street East, Suite 500
Charleston, WV 25301

Agent: John Abshire
Inspector: Craig Duckworth
Permit Issued: 6/28/01
Well Work Commenced: 9/16/01
Well Work Completed: 10/24/01
Verbal Plugging YES
Permission granted on: 10/24/01
Rotary X Cable _____
Total Depth (feet) 6597' MD, 6062' TVD
Fresh Water Depths (ft) 82', 335', 855'
Salt Water Depths (ft) _____
Is coal being mined in area (Y / N)? _____
Coal Depths (ft) _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. Ft.
20"		45'	15 sks
11 3/4"		1069'	1040 sks
8 5/8"		5696'	185 sks

RECEIVED
Office of Oil & Gas Permitting
DEC 13 2001
WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation _____ Pay zone depth (ft) _____
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
Static rock pressure _____ psig (surface pressure after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
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
Static rock pressure _____ psig (surface pressure after _____ Hours

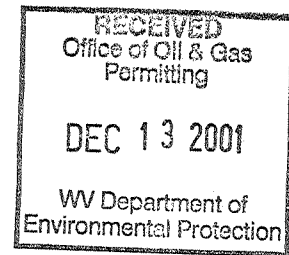
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: CABOT OIL & GAS CORPORATION

By: Craig Duckworth Operations Manager
Date: 12-11-01

n 12/28/2001
6.25.02

FORMATION	TOP	BOTTOM	REMARKS
SILT/SHALE	0	1070	
SHALE	1070	1550	
SILT/SHALE	1550	1750	
SHALE	1750	2960	
SANDSTONE	2960	2974	
SHALE	2974	3415	
SILT/SHALE	3415	3512	
SHALE	3512	3804	
SANDSTONE	3804	3812	
SHALE	3812	3935	
SILT/SHALE	3935	4131	
SHALE	4131	4825	
SILT/SHALE	4825	4920	
SHALE	4920	5605	
TULLY	5605	5740	
SHALE	5740	6060	
LIMESTONE	6060	6118	
SHALE	6118	6210	
NEEDMORE SHALE	6210	6286	
CHERT	6286	6344	
SHALE	6344	6390	
1 ST ORISKANY	6390	6470	
2 ND ORISKANY	6470	6597' MTD	



G-2502

RECEIVED
Office of Oil & Gas
NOV 25 2008
WV Department of
Environmental Protection

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

API:
47-075-00054P

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATED, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their Respective addresses.

Farm name: US Dept. of Interior
 LOCATION: Elevation: 3864'
 District: Greenbank
 Latitude: 1335' feet South of 38° DEG. 35' MIN. 0" SEC.
 Longitude: 10,880' feet West of 79° DEG. 37' MIN. 30" SEC.
 Well Type: OIL _____ GAS X
 Company: Cabot Oil & Gas Corp.
 900 Lee Street, E. Ste. 500
 Charleston, WV 25301
 Agent: John W. Abshire
 Operator Well No.: MNF #18
 Quadrangle: Thornwood
 County: Pocahontas
 Coal Operator _____
 or Owner _____
 Coal Operator _____
 or Leasee _____
 Permit Issued: Verbal Plugging Continuous

AFFIDAVIT

STATE OF WEST VIRGINIA,

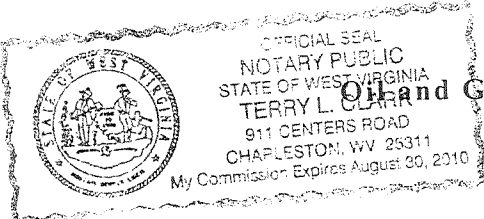
County of Kanawha ss: Alex Sicilia and Lee Hornsby being

First duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well and filling the above well, and Craig Duckworth Oil and Gas Inspector representing the Director, say that said work was commenced on the 23rd day of October 20 01, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Gel	6492'	6597'		
Cement - Class A	6292'	6492'	2350' of 8 5/8"	44' of 20"
Gel	5580'	6292'		
Cement - Class A	5430'	5580'		230' of 13 3/8"
Gel	2400'	5430'		
Cement - Class A	2280'	2400'		1062' of 11 1/4"
Gel	1120'	2280'		
Cement - Class A	981'	1120'		791' of 8 5/8"
Gel	50'	981'		
Cement	surface	50'		

Description of monument: Buried API plate (BLM.Forest Service request)
 and that the work of plugging and filling said well was completed on the 24th day of October, 20 01.
 And further deponents saith not.

Sworn and subscribe before me this 15th day of November, 20 01
 My commission expires: August 30, 2010



Oil and Gas Inspector:

Terry L. Clark
 Notary Public
 Craig Duckworth

JAN 04 2002

POCA 0054P