
**Title 40 CFR Part 191
Compliance Certification
Application
for the
Waste Isolation Pilot Plant**

DEL Attachment 2

U.S. Bureau of Land Management Forms

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEEN**

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR _____

3. ADDRESS AND TELEPHONE NO. _____

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface _____

 At proposed prod. zone _____

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* _____

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) _____

16. NO. OF ACRES IN LEASE _____

17. NO. OF ACRES ASSIGNED TO THIS WELL _____

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. _____

19. PROPOSED DEPTH _____

20. ROTARY OR CABLE TOOLS _____

21. ELEVATIONS (Show whether DF, RT, GR, etc.) _____

22. APPROX. DATE WORK WILL START* _____

5. LEASE DESIGNATION AND SERIAL NO. _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME WELL NO. _____

9. AN WELL NO. _____

10. FIELD AND POOL, OR WILDCAT _____

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA _____

12. COUNTY OR PARISH | 13. STATE _____

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. _____

SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations if

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE _____

***See Instructions On Reverse Side**

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill or deepen an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the operator elects to initiate drilling operation on an oil and gas lease.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 1849 C Street, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0136), Washington, D.C. 20503.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling operations on an oil and gas lease.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO.
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR						7. UNIT AGREEMENT NAME
3. ADDRESS AND TELEPHONE NO.						8. FARM OR LEASE NAME, WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						9. API WELL NO.
At surface						10. FIELD AND POOL, OR WILDCAT
At top prod. interval reported below						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
At total depth						12. COUNTY OR PARISH
14. PERMIT NO.			DATE ISSUED			13. STATE
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DP, RKB, RT, GE, ETC.)*
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY		ROTARY TOOLS		CABLE TOOLS		24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
25. WAS DIRECTIONAL SURVEY MADE						26. TYPE ELECTRIC AND OTHER LOGS RUN
27. WAS WELL CORED						28. CASING RECORD (Report all strings set in well)
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED				
29. LINER RECORD				30. TUBING RECORD		
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED				
33.* PRODUCTION						
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD
OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.
GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY
35. LIST OF ATTACHMENTS						
6. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						
SIGNED _____		TITLE _____			DATE _____	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No
2. Name of Operator		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No.		7. If Unit or CA. Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		8. Well Name and No.
		9. API Well No.
		10. Field and Pool, or Exploratory Area
		11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

14. I hereby certify that the foregoing is true and correct

Signed _____ Title _____ Date _____

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special in-

structions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0030
Expires: May 31, 1990

1. What mineral are you applying for:

PROSPECTING APPLICATION AND PERMIT

2. Give legal description of land requested (See General Instruction for assistance on land description if needed)

3. Legal description of land included in permit
APPLICANT DOES NOT FILL IN THIS SPACE

Total acres	Rental submitted \$	Total acres	Rental retained \$
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4. Are the lands administered by a government agency? Yes No (If "yes," give name of agency)

5. Are you the sole party in interest? Yes No (See Specific Instruction No. 5)

Are you a citizen of the United States? Yes No

b. Are you over the age of majority? Yes No

7a. Is application made for a corporation or other legal entity? Yes No (See Specific Instructions No. 7a and 7b)

b. Has a statement of qualification been filed? Yes No (If "yes," give file number)

8. Have you enclosed a filing fee of \$ Yes

9. Have you enclosed the first year's advance rental computed at the rate of \$ per acre? Yes (See Specific Instruction No. 9)

I CERTIFY That my interests, direct or indirect, in leases, permits, and applications therefor, do not exceed the maximum permitted by law or regulation; and that the statements made herein are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

(Signature of Applicant)

(Signature of Applicant)

(Date)

(Attorney-in-fact)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DO NOT WRITE BELOW THIS LINE

PROSPECTING PERMIT

A permit for the lands in Item 3, above is hereby issued under the Mineral Leasing Act, 30 U.S.C. 181 et seq. Acquired Lands Leasing Act, 30 U.S.C. 351 et seq. 43 CFR 3511 et seq. and is subject to all regulations in force and to the terms and conditions set forth on

the reverse side hereof.

This permit, to the extent applicable, is subject to standard or special stipulations. Stipulations if any, are attached.

THE UNITED STATES OF AMERICA

Effective date of permit _____ By _____

This permit is issued for a period of _____ years

(Signing Officer)

(Title)

PERMIT CONDITIONS

Sec. 1. *Prospecting.* Permittee shall diligently prospect the lands by core drilling or other acceptable methods. Permittee shall notify the authorized officer in which the permit lands are situated of his plans for prospecting prior to commencement of prospect work.

Sec. 2. *Operating regulations.* (a) Permittee shall comply with all regulations of the Secretary of the Interior; and, as to the lands described herein under his jurisdiction, to the regulations and orders of the Secretary of Agriculture.

(b) Permittee shall comply with the provisions of the operating regulations of the Bureau of Land Management (43 CFR 3570) and all orders issued pursuant thereto. Copies of the operating regulations may be obtained from the authorized officer.

(c) Permittee shall not prospect lands under administrative jurisdiction of the Forest Service without prior notice and consent of that Service to a plan for prospecting.

(d) Permittee shall allow inspection of the premises and operations by duly authorized representatives of the Departments of the Interior, Agriculture, or other agency administering the lands and shall provide for the free ingress or egress of Government officers and for users of the lands under authority of the United States.

Sec. 3. *Multiple use.* (a) Valid existing rights acquired prior hereto on the lands described herein will not be adversely affected hereby.

(b) The granting of this permit will not preclude the issuance of other permits, leases, or other development of the same lands.

(c) The permitted lands shall be subject, at all times, to any other lawful uses by the United States, its lessees, permittees, licensees, and assigns, but such use shall not materially interfere with the permittee's operations hereunder.

(d) The Government reserves the right to sell or otherwise dispose of the surface of the permitted lands under existing law or laws hereafter enacted, insofar as such disposal will not materially interfere with the rights of the permittee.

(e) The permittee shall afford all facilities for inspection of the prospecting work on behalf of the Secretary of the Interior or head of agency administering the lands and to make a report, on demand, of all matters pertaining to the character, progress, and results of such work.

(f) The permittee shall observe such conditions as to the use and occupancy of the surface of the lands as provided by law, in case any of said lands shall have been or may be entered or patented with a reservation of mineral deposits to the United States.

Sec. 4. *Removal of deposits.* Permittee shall remove from the lands only such deposits as may be necessary to experimental work or to establish the existence of valuable deposits within the permit area and shall keep a record of all mineral mined.

Sec. 5. *Rental.* Permittee must pay an annual rental of _____ cents per acre, or fraction thereof, but not less than \$20 per year. The annual rental payment shall be made on or before the anniversary date of the permit.

Sec. 6. *Extension of permit.* (a) This permit may be subject to extension under applicable regulation upon approval of the authorized officer of the Bureau of Land Management and upon the showing of entitlement thereto.

(b) Application for extension of this permit, where authorized by law or regulation, must be filed, in duplicate, in the proper BLM office within the period beginning 90 days prior to the date of expiration of this permit. Unless such an application is filed within the time specified, this permit will expire without notice to the permittee.

Sec. 7. *Reward for discovery.* Permittee may apply for a preference-right lease if he shall have discovered valuable deposits of minerals covered by this permit within the permit area and within the period of this permit as issued. The showing required to be made in the preference-right lease application is set forth in the appropriate regulation. In addition, the applicant for a sodium, potassium, or

sulphur preference-right lease must show that the lands applied for are chiefly valuable. See appropriate regulations. Also see appropriate regulation for limitation on acreage holdings.

Sec. 8. *Equal opportunity clause.* This permit is subject to the provisions of Executive Order No. 11246 of Sept. 24, 1965, as amended, which sets forth the nondiscrimination clauses. A copy of this order may be obtained from the signing officer.

Sec. 9. *Assignments.* All assignments or transfers of this permit or of any interest therein, whether by direct assignment, operating agreement, sublease, working interest, royalty interest, or otherwise, must be filed with the Bureau of Land Management for approval in accordance with the provisions of the appropriate regulation and will take effect as of the first day of the month following approval thereof, or, if transferee so requests, as of the first day of the month during which such approval is given.

Sec. 10. *Relinquishment of permit.* Permittee may relinquish this permit, in whole or part, by filing in the proper BLM office a written relinquishment, in triplicate, which shall be effective as of the date it is filed, subject to the continued obligation of permittee and his surety to make payment of all accrued rentals and royalties; and, to provide for the preservation of any mines or productive works, or permanent improvements on the permit land as required by the applicable regulations and terms of this permit.

Sec. 11. *Termination or cancellation.* (a) This permit shall terminate automatically upon failure of the permittee to pay the rental on or before the anniversary date thereof, except that if the time for payment falls upon any day in which the appropriate land office to receive payment is not open, payment received on the next official working day shall be deemed to be timely.

(b) This permit may be cancelled in accordance with the regulations upon failure by permittee to exercise due diligence in the prosecution of the prospecting work or for violation of any terms and conditions hereof, or any of the pertinent regulations.

Sec. 12. *Protection of surface, natural resources, and improvements.* The permittee agrees to take such reasonable steps as may be needed to prevent operations on the permitted lands from unnecessarily: (1) causing or contributing to soil erosion or damaging crops, including forage, and timber growth thereon or on Federal or non-Federal lands in the vicinity; (2) polluting air and water; (3) damaging improvements owned by the United States or other parties; or (4) destroying, damaging or removing fossils, historic or prehistoric ruins, or artifacts; and upon any partial or total relinquishment or the cancellation or expiration of this permit, or at any other time prior thereto when required and to the extent deemed necessary by the lessor to fill any pits, ditches and other excavations, remove or cover all debris, and so far as reasonably possible, restore the surface of the permitted land and access roads to their former condition, including the removal of structures as and if required. The lessor may prescribe the steps to be taken and restoration to be made with respect to the permitted lands and improvements thereon whether or not owned by the United States.

Sec. 13. *Antiquities and objects of historic value.* When American antiquities or other objects of historic or scientific interest including but not limited to historic or prehistoric ruins, fossils or artifacts are discovered in the performances of this permit, the item(s) or condition(s) will be left intact and immediately brought to the attention of the contracting officer or his authorized representative.

Sec. 14. *Sodium deposits in oil shale areas.* If this application is for sodium minerals in the oil shale area described in P.L.O. 4522, September 24, 1968, a prospecting permit will be issued only in those areas where it is believed likely that, if sodium deposits are found, they will occur in discrete beds where development of the sodium deposits would not adversely affect the oil shale values of the lands. Any sodium prospecting permits or preference-right leases that may issue on these oil shale lands will be restricted to those beds valuable for sodium which the Secretary of the Interior or his delegate determines to be workable without removal of significant amounts of organic matter and without significant damage to oil shale beds.