

Module 2 Lesson 1 – Conducting Initial Enforcement Actions

EXERCISE 3 – Case Study Homework (Enforcement Action Scenario)

Instructions:

- This is an individual exercise.
- Imagine you are reviewing the official well file to verify compliance after an ES-SP inspection.
- Review the inspection documentation and documents from the well file (see attachments).
- Determine how many findings or environmental issues are discovered. For each environmental finding that you identify in the inspection documentation, answer the following questions:
 - Is the finding a problem or a violation?
 - If it is a violation, is it major or minor.
 - What enforcement action tool would you use?
 - What regulatory authority would you use to support your tool?
 - What corrective actions would you write?
 - What is the abatement period you would prescribe for corrective actions?
- At the next webinar, students will be asked to provide their answers.

Attachments:

1. Completed Inspection Form 3160-33 (2 pages)
2. Photos from Camera - Taken during Inspection (14 pages)
3. APD SUPO (6 pages)
4. APD COAs (5 pages)
5. Sundry Notice (1 page)
6. Sundry Notice COAs (1 page)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ENVIRONMENTAL SURFACE (ES) INSPECTION FORM

Inspection Header

Inspection Target	<input type="checkbox"/> Support Facility(s)							
	Name		Number		Type		Status	
	<input type="checkbox"/> Production Facility(s)							
	Name / Number				Status			
	<input type="checkbox"/> Well(s)							
	Well Name		Well Number		US Well Number		Lease	Well Status
Inspection Target Details								
Operator			Case		Latitude		Longitude	Priority
Aliquot	Lot	Tract	Section	Township	Range	Meridian	County	State

Inspection Details

New <input type="checkbox"/> Follow-up <input type="checkbox"/>				Partial Inspection - Yes <input type="checkbox"/> No <input type="checkbox"/>			
Open Date:		Inspection Date:		Close Date:		AFMSS Date:	
Activity	Inspector	Contractor	Open	Close	Office	Travel	Inspection

Inspection Footer

Operations are in Conformance with Permit Requirements: YES <input type="checkbox"/> NO <input type="checkbox"/> (REQUIRED FOR ALL INSPECTIONS)			
Follow-up Requirements: (select all that apply)		<input type="checkbox"/> NONE	<input type="checkbox"/> VERBAL
		<input type="checkbox"/> ORDER	<input type="checkbox"/> INC
General Remarks:			
FAN Approval Recommendation: (select only one)		<input type="checkbox"/> APPROVE	<input type="checkbox"/> DENY
		<input type="checkbox"/> NA	
Follow-up Remarks:			
Next ES Date:			

SURFACE INSPECTION FORM (Continued)

SC / SD / SP Checklist		Key: Met (/) Not Met (X) Not Applicable (O) Uninspected (Blank)	
Location (Pad)		Equipment (Drilling and/or Production)	
L1. Location properly signed: (43 CFR 3162.6) Well Number, Survey Location, Operator, Serial Number		E1. Paint/Screening Blends with the Background	
		E2. Hazardous Material Labeled and Maintained	
L2. Topsoil/Spoils: Segregation, Placement, Volumes, and Signing		E3. Secondary Containment: Maintained and Adequate Capacity	
L3. Noxious Weed and Vegetation Control		E4. Drip Pans	
L4. General Housekeeping		E5. Erosion and Stormwater Control	
L5. Erosion and Stormwater Control		E6. Emissions Control	
L6. Free of Spills or Leaks		E7. Exhaust Stacks: Constructed to Prevent Bird/Bat Mortality	
L7. Dust Abatement		E8. Flow Back Containment	
L8. Other:		E9. Other:	
Roads		Pits, Ponds, and Tanks	
R1. Culverts, Waterdips, and Other Water Crossings		P1. Pit/Pond – Type(s):	
R2. Drainage and Ditches		P2. Closure	
R3. Noxious Weed Control		P3. Fenced and/or Netted	
R4. Cattleguards		P4. Freeboard – 2 feet or more	
R5. Gates		P5. Erosion and Stormwater Control	
R6. Dust Abatement		P6. Liner Condition / No Visible Leaks or Failures	
R7. Surface Material		P7. Leak Detection	
R8. Maintenance Needs		P8. Free of Oil, Trash, Wildlife, and Livestock	
R9. Other:		P9. Other:	
Utilities		Other	
U1. Pipeline Markers		O1. Natural Watercourses Free of Development-related Debris and Erosion	
U2. Topsoil/Spoils Segregation, Placement, Volumes, and Signing		O2. Construction/Drilling Contractor has a Copy of the Approved APD	
U3. Noxious Weed Control		O3. Other:	
U4. Power Lines and Poles		O4. Other:	
U5. Erosion and Stormwater Control			
U6. Other			

IR Checklist		Key: Met (/) Not Met (X) Not Applicable (O) Uninspected (Blank)	
IR1. Size and Shape		IR2. Noxious Weed Control	
IR3. Recontouring		IR4. Free of Oil or Salt Contaminated Soil	
IR5. Surface Roughness/Soil Preparation		IR6. Erosion and Stormwater Control	
IR7. Topsoil		IR8. Reclamation Fence	
IR9. Mulch/Amendments		IR10. Rat and Mouse Holes Closed	
IR11. Seeding		IR12. Pit Closure/Remediation	
IR13. Revegetation Success		IR14. Well Cellar Excludes Wildlife & Livestock	
IR15. Successful IR		IR16. Other:	
IR17. Original Disturbance Acres:		IR18. Interim Reclaimed Acres:	

SA Checklist		Key: Met (/) Not Met (X) Not Applicable (O) Uninspected (Blank)	
A1. Topsoil/Spoils Surface <input type="checkbox"/> Subsurface <input type="checkbox"/> Waived <input type="checkbox"/>		A2. All Equipment Removed for Final Reclamation (Examples: pipes, signs, fences, culverts, and trash)	
A3. Recontouring		A4. Noxious Weed Control	
A5. Surface Roughness/Seedbed Preparation		A6. Erosion and Stormwater Control	
A7. Topsoil Redistributed		A8. Reclamation Fence	
A9. Mulch/Amendments		A10. Pit Closure/Remediation	
A11. Seeding		A12. Free of Oil or Salt Contaminated Soil	
A13. Revegetation Success		A14. Split Estate - Surface Owner Consultation/Concurrence	
A15. Other:		A16. Other:	

Husky Oil Company
2-13 Well and Facility
Environmental Inspection Photos









03.22.2016 10:12











03.22.2016 10:15



03.22.2016 10:15



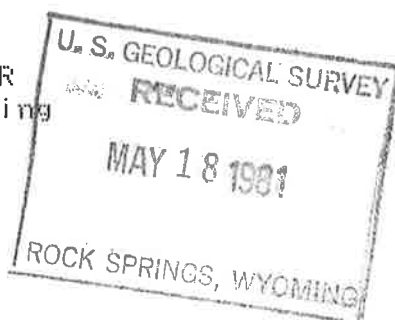








HUSKY OIL COMPANY
2-13 FEDERAL FULLER
Fremont County, Wyoming



TEN-POINT PROGRAM TO ACCOMPANY FORM 9-331C

1. Surface Formation: Wind River
2. Important Geological Formations:

Wind River	0
Upper Ft. Union	2409
Upper Ft. Union (Sand)	2909

3. Oil is expected in the Upper Ft. Union @ 2909'.

4. Casing Program:

9-5/8", 36# per ft., H-40, ST&C new casing to apprx. 600';
7", 23# per ft., K-55, LT&C to 3400'.

5. Pressure Control:

10" X 9-5/8", 900 series, screw-on casing head for drilling below surface casing.

10", 900 Series, 3000# W.P. Dual Ram Hydraulic Blowout Preventers for drilling below surface casing. All choke lines, choke manifold, valves, fitting, etc. will have a minimum pressure rating of 3000 PSI.

All BOP equipment will be pressure tested to 70% of internal casing yield or 100% of rated WP (whichever is less) prior to drilling out the surface casing shoe.

6. Mud Program:

0 - 600': Mud at company discretion to maintain good hole conditions to run surface casing.

600' - TD: mud weight 8.8# to 9.0# per gallon, water loss 10cc/30 minutes or less and viscosity of 35 sec./qt. or more.

Mud quantities, as necessary, to maintain the above mentioned properties and drill to total depth are estimated to be apprx. 900 barrels.

7. Auxiliary equipment:

Kelly cock with stabbing valve on floor.

8. Testing, Logging, and Coring:

No DST's planned.

No cores are planned.

Logs as follows: FDC-CNL-GR, DLL-MSFL-GR: TD to surface csg.

Proposed completion program:

Perforate desired intervals. Swab, and, if necessary perform a frac job.

9. Abnormal hazards:

Neither abnormal pressures, temperatures, nor potential hazards, such as hydrogen-sulfide gas is expected. The maximum BHP is 1462 PSI at total depth in the Ft. Union. This is a normal .43 PSI per ft. gradient.

10. Anticipated spud date: July 10, 1981

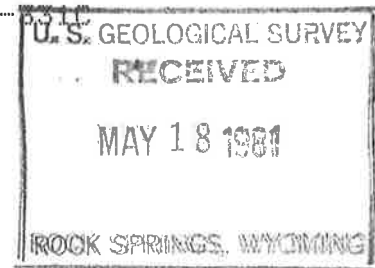
11. Anticipated duration: 15 days

EXHIBITS TO ACCOMPANY FORM 9-331C

- A. Location map with route marked.
- B. Topographic map section showing access roads and location.
- C. Proposed production facilities.
- D. Location layout.
- E. Map of location showing cuts and fills.
- F. Cross sections of locations.
- G. Location of existing wells.
- H. Proposed roads and flowlines

HUSKY OIL COMPANY
2-13 FEDERAL FULLER

MULTI-POINT REQUIREMENTS TO ACCOMPANY FORM 9-



1. Existing Roads:

A. See Exhibits "B" and "E".

B. Main Roads:

From Shoshoni: South along County Road 13.0 miles; thence left 0.2 miles on south side of a Gov't fenced tract of land to the location. See Exhibits "A" and "B".

C. Access Roads:

A 2980' access road will be required. See Exhibits "B" and "H".

D. N/A

E. See Exhibit "A".

F. The existing improved road needs no grading.

2. Planned Access Road:

A. Width: 18' crowned and ditched, total disturbance 42'.

B. Maximum Grade: 10%

C. Turnouts: None

D. Drainage design: No problems anticipated.

E. Culverts, cuts and fills: None anticipated.

F. Surfacing Materials: None anticipated for drilling phase.

G. Gates, Cattle Guards, Fence Cuts: None

H. New or reconstructed roads: Centerline flagged.

3. Location of Existing Wells: (See map showing existing wells and facilities.)

A. Water Wells: None

B. Abandoned Wells: None

- C. Temporarily Abandoned Wells: None
 - D. Disposal Wells: None
 - E. Drilling Wells: None
 - F. Producing Wells: See Exhibit "G".
 - G. Shut-in Wells: None
 - H. Monitor Wells: None
4. Location of Existing or Proposed Facilities:
- A. None owned nor operated by Husky Oil Company.
 - B. Proposed Facilities: A tank battery and flowlines will be built as per Exhibit "H" in the event the well is commercial
 - C. Plans for Rehabilitation: The facility area will be rehabilitated by filling the pit, leveling, and re-seeded according to BLM stipulations. See Section 10.
5. Location and Type of Water Supply:
- A. We plan to use water from the Grieve Land and Cattle Co. located in Sec. 26.
 - B. We plan to truck water from the spring to the wellsite for use while drilling.
 - C. No water well on the location is anticipated.
6. Source of Construction Materials:
- A. through D. For the drilling operation it is anticipated that any construction materials needed will come from the proposed site. Any additional construction materials will be purchased from a commercial source.
7. Methods of Handling Waste Materials:
- A. Cuttings: Disposed of in reserve pit and buried.
 - B. Drilling Fluids: Disposed of in reserve pit and buried after the pit has dried.
 - C. Produced Fluids: Liquids produced during the completion operations will be produced into tanks, the water drained to the pit and any oil saved.

- D. Sewage: Portable toilets.
 - E. Garbage and other Waste Material: Disposal in a "burn" pit (enclosed with wire mesh screen) and ultimately buried.
 - F. The location will be cleaned upon completion or abandonment of the well. All pits will be fenced and overhead flagging installed. After the reserve pit has dried it will be filled, waste buried, and restoration done as per Section 10.
8. Ancillary Facilities: None.
9. Wellsite Layout:
- A. through C. See location layout and cross-section exhibits.
 - D. Pits unlined.
10. Plans for Restoration of the Surface:
- A. The topsoil will be stripped and stockpiled on the east end of the location. Pits will be fenced on three sides for drilling operations. Upon completion or abandonment of the well the pits will be fenced on all four sides, allowed to dry, then backfilled, burying waste, leveling and recontouring as is practical.
 - B. The topsoil will be spread over that area (excluding that area required for production purposes if well is productive) and that area reseeded as per BLM specifications. The access road, if not needed, will also be reseeded.
 - C. Upon release of the rig the pits will be fenced, and so maintained until cleanup. (See "a" above.)
 - D. The pits will have overhead flagging installed if any oil is left on the surface.
 - E. Restoration should be completed during the fall of 1981.
11. Other Information
- A. The location lies on a relatively flat spot with drainage to the southwest.
 - B. No surface owner. Grazing rights are held by Heinold Ranches of Wyoming.

HUSKY OIL COMPANY
2-13 FEDERAL FULLER

C. There are no known archaeological, historical, or cultural sites in the immediate area.

12. Lessee's or Operator's Representative:

James E. Yates
600 S. Cherry Street
Denver, Colorado 80222
Telephone: 303/370-1325

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the drill-site and access road; that I am familiar with the conditions which presently exist. That the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Husky Oil Company and its contractors and subcontractors in conformity with this plan and conditions under which it is approved.

5-15-81

Date

James E. Yates
Drilling Engineer
Husky Oil Company

JUL 08 1981

Rock Springs, Wyoming

Stipulations
Husky Oil Co.
Fuller Reservoir Well #2-13
T. 36N., R. 94W., Sec. 13, SE 1/4 SE 1/4
W-18032

1. All access roads constructed in conjunction with the drilling permit shall be limited to a 16-18 ft. driving surface, excluding turnouts (turnouts if necessary, are to be placed where designated on the map submitted with the APD, attached map or discussed and agreed upon during the presite inspection). All roads shall be constructed as crowned and ditched roads and adequately drained. Drainage facilities may include ditches, water bars, culverts and/or any other measure deemed necessary by the BLM authorized officer. Maximum disturbed width of road construction is 42 feet unless otherwise authorized in writing.
2. Each existing fence to be crossed will be braced and tied off before cutting so as to prevent slacking of the wire. The opening will be protected as necessary during construction to prevent the passage of livestock and upon completion of use the fence will be repaired to BLM specifications. A cattleguard with an adjacent 16 foot gate will be installed in any fence where a road is to be regularly traveled.
3. All topsoil and vegetation encountered during the construction of the drill site area will be stockpiled and made available for resurfacing of the disturbed area after completion of the drilling operation. Topsoil depth on the subject location is approximately 10 inches in depth. Approximately 2,200 cubic yards of topsoil material will be stockpiled for reclamation.
4. No "mud pits" shall be constructed solely on fill. At least half their depth shall be below ground level and under no circumstances will they be allowed to leak or be cut to drain. They shall not be located on natural drainages. Waste or discharge of any kind will not be allowed to enter any drainage. Any plastic material used to line pits and/or sumps shall be cut off below ground level, as far down as possible, and disposed of before the pits are covered. All pits will be fenced on three sides during drilling. The fourth side will be fenced when the rig moves off and the liquid allowed to evaporate before the pits are backfilled.
5. All wastes that accumulate during the drilling operation will be contained in a trash/burn pit that is fenced and completely enclosed with a fine wire mesh, in a portable cage, and/or removed from the location and deposited in an approved sanitary landfill. Immediately after removal of the drill rig, all garbage (metal containers, etc.) and debris on the site will be crushed and buried in the established trash pit or removed from the site. The reserve pit will not be utilized for trash disposal. The permittee will comply with all state laws and regulations pertaining to disposal of human waste and burn permits.

6. If the well is completed as a "producer" the reserve pit(s) will be backfilled when dry, all cut and fill slopes will be reduced to a slope of 3:1 or less. All areas of the pad not necessary for production must be recontoured to resemble the original contours or the surrounding terrain, topsoil redistributed and reseeded with a drill equipped with a depth indicator (set at a depth of 1/2 inch) with the following seed mixture, in pounds, of Pure Live Seed (PLS), per acre.

Western wheatgrass	5 lb/acre
Prairie Sandreed	2 lb/acre
Streambank wheatgrass	5 lb/acre
Total	<u>12 lb/acre</u>

Seeding should be done either late in the fall (September 15 - November 15, before freeze-up) or early as possible the following spring to take advantage of available ground moisture.

7. If the well is completed as a "dry hole", the reserve pit(s) will be backfilled when dry. All disturbed areas of the access road and pad will be thoroughly ripped and returned to original contours, topsoil redistributed over the pad area and reseed the access road and pad area using a seed drill, equipped with a depth indicator (set at a depth of 1/2 inch), with the following seed mixture, in pounds, of Pure Live Seed (PLS), per acre.

Western wheatgrass	5 lb/acre
Prairie Sandreed	2 lb/acre
Streambank wheatgrass	6 lb/acre
Total	<u>12 lb/acre</u>

Seeding should be done either late in the fall (September 15 - November 15, before freeze-up) or early as possible the following spring to take advantage of available ground moisture.

8. Snow removal and/or snow berm construction, on revegetated areas and outside of those areas approved for surface disturbing activities, will be conducted as follows:

To prevent any surface disturbance, all equipment used for snow removal operations must be equipped with shoes that keep the blade at least 6" off the ground.

Special precautions will be taken where the surface of the ground is uneven and at all drainage crossings to insure that the equipment blade doesn't touch the surface of the ground.

9. That portion of the access road proposed for new construction as indicated on the attached map will not be constructed until the proposed well has been completed for production. The operator will utilize the access road to the Northern Natural Gas Well #1-13 for access to the proposed well during drilling operations.
10. All drainage crossings will be cut to the bottom of the natural waterway. All cut material will be stockpiled at the crossing and replaced as nearly as possible to the original contour during rehabilitation. No natural drainage intermittent or live, will be blocked.
11. Blading the line for brush removal shall be confined to surface ground level so that subsurface root zone is not disturbed. The above ground vegetation will be windrowed to the side, adjacent to the trench. The windrowed brush shall be evenly distributed over the disturbed area as part of rehabilitation.
12. Six inches of surface soil material shall be stripped from all areas where cuts and fills are anticipated; it will be stockpiled and protected in such a manner and place as will prevent interim erosion and allow easy restoration to the disturbed areas. The material shall be returned to all disturbed areas to a uniform depth and in a manner conducive to the re-establishment of vegetation by seeding.
13. Range improvements such as fencing or reservoirs, etc., within the right-of-way area will not be disturbed, or where disturbance is necessary, they will be left in the original or better condition as is determined by the District Manager, Bureau of Land Management.
14. Before cutting through any fence on public land, the operator will brace the fence firmly on both sides of the cut, and after completion of construction, will, (1) install a gate and/or cattle guard in the fence, or (2) replace a standard type fence across the R/W as directed by the District Manager, Bureau of Land Management.
15. The operator will construct waterbreaks on all disturbed slopes. General guidelines for installation of waterbreaks are: less than 2% grade, 200' interval; 2-4% grade, 100' interval; 4-5% grade, 75' interval; greater than 5% grade, 50' interval. A certain degree of latitude is allowed in the waterbreak interval spacing. Unstable soils may require a closer interval spacing, whereas the interval spacing may be greater on very stable soils or rock outcroppings. A conservative (close) interval spacing is the general recommendation. A channel grade of .002 is recommended from the waterbreak to the natural ground elevation. The waterbreaks should be constructed so that they drain freely to the natural ground elevation.

16. The operator will effect a minimum of vegetative or soil disturbance consistent with practical construction operations and will smooth all disturbed areas to conform as nearly as practical with the adjacent terrain. The operator will correct any deficiencies as determined to be necessary by the District Manager, Bureau of Land Management.
17. All disturbed areas are to be seeded with the seed mixture listed below. The seeding is to be done with a drill equipped with a depth regulator to insure even depth of planting not to exceed 1/2 inch. Seeding is to be done during the months of September or October following construction completion. This seeding will be repeated until a satisfactory stand, as determined by the District Manager or his delegates is obtained. The District Manager of the Bureau of Land Management is to be notified prior to seeding in order that arrangements can be made for supervision of the seeding project.

Western wheatgrass	5 lbs/acre
Prairie Sandreed Wheatgrass	5 lbs/acre
Streambank wheatgrass	<u>2 lbs/acre</u>
Total	12 lbs/acre

18. Cultural Resources, Standard Stipulation. The lessee shall immediately bring to the attention of the District Engineer, U. S. Geological Survey, any objects or resources of cultural or scientific value discovered as a result of operations under this lease, and shall leave such discoveries intact until told to proceed by the District Engineer. The authorized officer will evaluate, or will have evaluated, such discoveries not later than 5 working days after being notified, and will determine what action will be taken with respect to such discoveries. Appropriate mitigation shall be undertaken prior to proceeding with any operations that might be destructive to a significant discovery. The responsibility for, and cost of, investigation and mitigation of adverse effects on cultural resources discovered during operations will be that of the lessor.

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Lease No. W-18032

Interest in Exploration Well for Water Development

Memorandum

To: District Engineer, USGS
Rock Springs, Wyoming

From: District Manager, BLM
Rawlins, Wyoming

Subject: Interest in Exploration Well for Water Development

The Application for Permit to Drill from Husky Oil Co.
600 S. Cherry St., Denver, CO 80222

(Name and Address)

indicating that exploration drilling for oil and gas, minerals,
 water, other _____, will take place on SE $\frac{1}{4}$ SE $\frac{1}{4}$,
Sec. 13, Twp. 36N., R. 94W., has been reviewed.

We are not interested in a water well at this site.

We are interested in this site as a source of water development for
multiple-use purposes provided.

1. Conversion cost will not exceed \$ --.
2. It is a flowing well.
3. Pumping depth does not exceed 300 feet.
4. Expected flow will exceed 10 GPM.
5. Other:

BLM representative will be Larry Knoch

U.S. GEOLOGICAL SURVEY
RECEIVED
JUL 08 1981
Rock Springs, Wyoming

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. WYW-18032

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

7. If Unit of CA/Agreement, Name and/or No.
Fuller Fort Union (PA)

8. Well Name and No. Federal 2-13

2. Name of Operator Husky Oil Company

9. API Well No. 490132115100S1

3a. Address 600 S. Cherry St. Denver, CO 80222

3b. Phone No. (include area code)
(303) 370-1325

10. Field and Pool or Exploratory Area
Fuller

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 13, T. 36N, R. 94W SESE

11. Country or Parish, State
Fremont County

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Husky Oil Company would like to install a 500 bbl water tank at the Federal 2-13 facility. A 16" poly pipeline will be installed to connect the tank to the system buried 2' deep.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
James Yates

Title President

Signature 

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
John Pecor

Title Field Manager

Date 07/02/2003

Conditions of approval, if any, are attached. Approval of this notice 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 thereon.

Office Rock Springs Field Office

Conditions of Approval
Federal 2-13 500 bbl Water Tank
Fuller Reservoir Field
Husky Oil Company
Lease No. WYW-18032
SESE Section 13, Township 36 North, Range 94 West

1. No **new** surface disturbance is authorized by this action.
2. The disturbed area is within the battery site where no vegetation is present; therefore, there will be no reclamation to follow.
3. No other disturbance will be created during the installation of the tank and poly line.
4. All tanks within the facility must have a berm that holds 110% of the capacity of the tank.
5. All tank berms must be fenced to BLM Gold Book standards to exclude livestock.
6. The site will be re-contoured as close to it's previous state.
7. All facility tanks must be painted Carlsbad Canyon, to blend into the surrounding landscape.