

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED **9-23-86**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-4482** INDIAN

DRILLING APPROVED: **9-26-86**

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **L A I D 10-27-87**

FIELD: **NATURAL BUTTES**

UNIT: **ISLAND UNIT**

COUNTY: **UINTAH**

WELL NO. **ISLAND UNIT #31** API #**43-047-31750**

LOCATION **2037' FNL** FT. FROM (N) (S) LINE, **2284' FNL** FT. FROM (E) (W) LINE. **SW NE** 1/4 - 1/4 SEC. ~~3~~ **7**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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				<b>10S</b>	<b>20E</b>	<del>3</del> <b>7</b>	<b>WEXPRO COMPANY</b>
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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL                       DEEPEN                       PLUG BACK

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

2. NAME OF OPERATOR  
 Wexpro Company

3. ADDRESS OF OPERATOR  
 P. O. Box 458, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface SW NE, 2037' FNL, 2284' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15 miles south and west of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      2996'

16. NO. OF ACRES IN LEASE      1970.27

17. NO. OF ACRES ASSIGNED TO THIS WELL      NA

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      2202'

19. PROPOSED DEPTH      6850' *Wanted*

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5007' As Graded

22. APPROX. DATE WORK WILL START\*  
 October 15, 1986

5. LEASE DESIGNATION AND SERIAL NO.  
 U-4482

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 ---

7. UNIT AGREEMENT NAME  
 Island

8. FARM OR LEASE NAME  
 Unit

9. WELL NO.  
 31

10. FIELD AND POOL, OR WILDCAT  
~~Island~~ NATURAL BUTTES

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 7-10S-20E

12. COUNTY OR PARISH      13. STATE  
 Uintah                      Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-5/8	8-5/8	36	330'	330' Regular G with additives
7-7/8	5-1/2	23	6850'	50-50 Pozmix with additives

See attached drilling plan.

**RECEIVED**  
 SEP 23 1986

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 9-26-86  
 BY: [Signature]  
 WELL SPACING: 203

DIVISION OF  
 OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Asst. Drilling Superintendent DATE September 19, 1986

(This space for Federal or State office use)  
 PERMIT NO. 43-047-31950 APPROVAL DATE \_\_\_\_\_

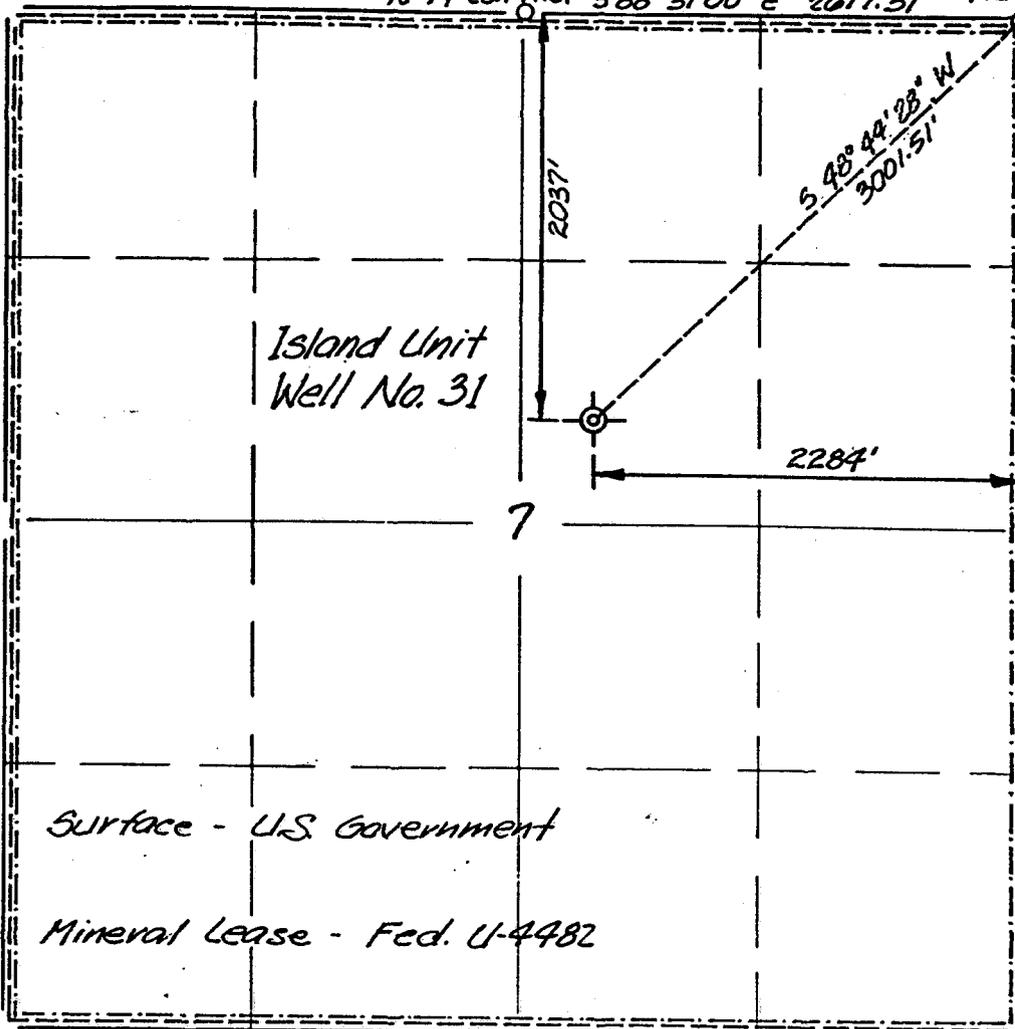
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Sec. 7, T. 10 S., R. 20 E.,  
S.L.B. & M., Uintah Co., Utah

Fd. Cor. N 1/4 Cor. N.C.  $S 88^{\circ} 31' 00'' E$  2617.31'

Fd. Cor. NE Cor.



Basis of Bearing - GLO Plat - June 1930



LOCATION PLAN  
SCALE 1" = 1000'



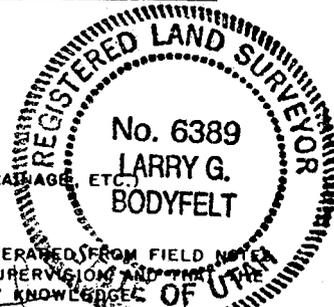
LEGEND

- SURFACE OWNER BOUNDARY
- MINERAL LEASE BOUNDARY
- ⊕ WELL LOCATION
- ⊕ FD. BRASS CAP
- ⊕ FD. STONE

NOTE: FOR SURFACE INFORMATION (ROADS, TOPO, DRAINAGE, ETC.) SEE AREA MAP.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

LARRY G. BODYFELT, Utah REG. L.S. No. 6389 JgB 9/17/86



REVISED LOCATION 9/17/86

ENGINEERING RECORD		CERTIFIED	
SURVEYED: 8-20-86 MKK   FIELD: Island		WELL LOCATION PLAT	
BASIS OF BEARING: GLO Record data - June 1930			
SURFACE OWNER: U.S. Government			
MINERAL LEASE: Fed. U-4482			
LOCATION: SW 1/4, NE 1/4, Sec. 7, T. 10 S., R. 20 E., S.L.B. & M., 2037' FNL, 2284' FEL			
COUNTY: Uintah	STATE: Utah	FOR	
ELEVATION AS GRADED: 5007 "As Graded" by "vertical angle elevation" from company bench mark		Island Unit Well No. 31	
		Rev. 9-16-86 R.C.P. JCRW	
		DRAWN: 8-22-86 R.C.P.	SCALE: 1" = 1000'
		CHECKED: CRW	DRWG. NO. 25235
		APPROVED: JgB	

DRILLING PLAN  
Wexpro Company  
Island Unit Well No. 31  
Uintah County, Utah

1 & 2. SURFACE FORMATION, ESTIMATED TOPS AND WATER, OIL, GAS OR MINERAL BEARING FORMATIONS:

Uintah	-	Surface
Green River	-	1,800'
Birds Nest Aquifer	-	2,310'
Wasatch Tongue	-	4,330', gas or oil
Green River Tongue	-	4,675', gas or oil
Wasatch	-	4,825', gas
Chapita Wells Zone	-	5,605', objective, gas
Total Depth	-	6,850'

Water flows may be encountered in the lower Green River Sands. All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determined commercial potential.

3. PRESSURE CONTROL EQUIPMENT: (See attached diagram)  
Operator's minimum specifications for pressure control equipment requires an 11-inch 3000 psi double gate hydraulically operated blowout preventer and an 11-inch 3000 psi annular preventer. Ram-type preventers will be tested to 3000 psi and annular preventers will be tested to 1500 psi for 15 minutes using professional testing company. NOTE: The surface casing will be pressure tested to a minimum of 1000 psi; or one psi per foot; or 70 percent of the internal yield of the casing, whichever is applicable. BOP's will be checked daily as to mechanical operating condition and will be tested after each string of casing is run. All ram type preventers will have hand wheels which will be operative at the time the preventers are installed.

BOP systems will be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. CASING PROGRAM:

Footage	Size	Grade	Wt.	Condition	Thread	Cement
330	8-5/8	K-55	36	New	8 rd Buttress	174 sacks Regular Type G with 3% calcium chloride and 1/4-pound flocele/sack; cement will be brought to surface.
6850	5-1/2	N-80	23	New	8 rd LT&C	Cement top will be brought 1000 feet from surface with 50-50 Pozmix with 8% gel, 0.2% Halad-24, 10% salt, 5 pounds gilsonite/sack and 1/4-pound flocele/sack, plus 1000 feet 50-50 Pozmix with 2% gel, 0.6% Halad-24, 10% salt and 1/4-pound flocele/sack.

AUXILIARY EQUIPMENT:

- a) Manually operated kelly cock
- b) No floats at bit
- c) Monitoring of mud system will be visual
- d) Full opening floor valve manually operated

The District Office will be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. MUD PROGRAM:
- 0' - 330' - Air
  - 330' - 2300' - Fresh Water
  - 2300' - 6700' - 2% KCL Water
  - 6700' - 6850' - KCL-Gel Mud

Sufficient mud materials to maintain mud properties, control lost circulation and to contain blowout will be available at the wellsite.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. LOGGING: DLL-SFL-GR from surface casing to total depth  
CNL-FDC-GR over zones of interest

TESTING: None.

CORING: None.

Daily drilling and completion reports shall be submitted to the Bureau of Land Management, Vernal, Utah on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after

completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

7. ABNORMAL PRESSURE AND TEMPERATURE: No abnormal pressures are expected; a BHT of 150°F. and a BHP of approximately 2800 psi are anticipated.

8. ANTICIPATED STARTING DATE: October 15, 1986

DURATION OF OPERATION: 12 days drilling

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approval plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, will be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application will be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

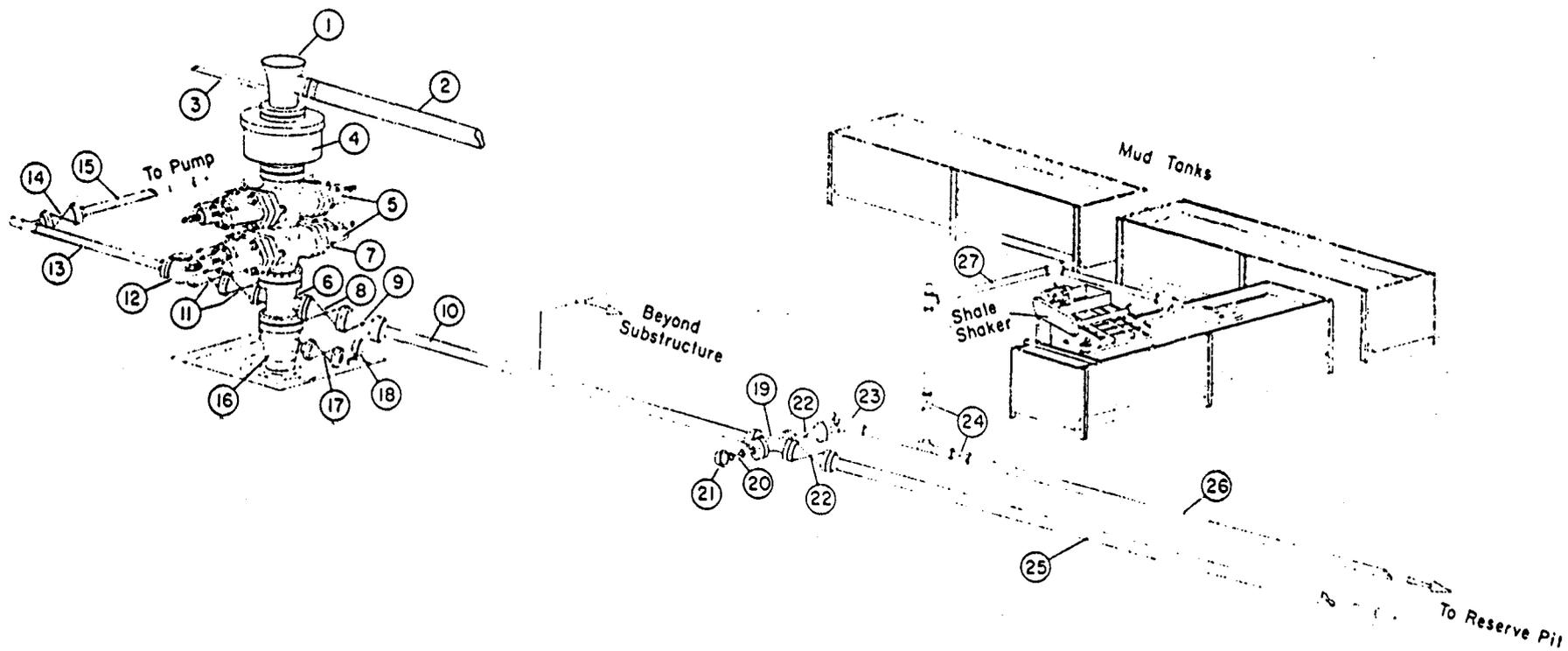
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

# CELSIUS/WEXPRO 3000 psi BLOWOUT PREVENTION EQUIPMENT



## STANDARD STACK REQUIREMENTS

NO	ITEM	NOMINAL	ID	TYPE	FURNISHED BY	
					OPER.	CONTR.
1	Drilling Nipple (Rotating Head when air drilling)					
2	Flowline					
3	Fill up Line (eliminated for air drilling)	2"				
4	Annular Preventer			Hydril Cameron Shaffer		
5	Two Single or One dual Hydril over rams.			H. ORC; F. LRS; B. F.		
6	Drilling spool with 3" and 2" outlets			Forged		
7	As Alternate to (6) Run & Kill and Choke lines from outlets in this ram					
8	Gate Valve		3-1/8			
9	Valve-hydraulically operated (Gate)		3-1/8			
10	Choke Line	3"				
11	Gate Valves		2-1/16			
12	Check Valve		2-1/16			
13	Kill Line	2"				
14	Gate Valve		2-1/16			
15	Kill Line to Pumps	2"				
16	Casing Head					
17	Valve Gate _____ Plug _____		1-13/16			
18	Compound Pressure Cage					
	Wear Bushing					



SURFACE USE AND OPERATING PLAN  
Wexpro Company  
Island Unit Well No. 31  
Uintah County, Utah

1. Existing Roads: Refer to area map.
  - a. Location of proposed well in relation to town or other reference point: Approximately 15 miles south and west of Ouray, Utah.
  - b. Refer to area map for proposed route to location.
  - c. Plans for improvement and/or maintenance of existing roads; Existing roads will be maintained in their present condition, no improvement will be necessary.
  
2. Planned Access Roads: Refer to area map.
  - a. Width: 30 feet maximum disturbed width with 18-foot running surface.
  - b. Maximum grades: Maximum 8%, where applicable.
  - c. Turnouts: Not applicable.
  - d. Drainage: Ditched and crowned.
  - e. Surface materials: Will be obtained from cuts along the access road.

All travel will be confined to existing access road rights-of-way.

3. Location of Existing Wells: Refer to area map.
  
4. Location of Tank Batteries and Production Facilities:

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted Desert Brown, a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain one-and-a-half times the storage capacity of the battery.

Facilities will be applied for via Sundry Notice prior to installation.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the A0.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The A0 will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply: All water needed for drilling purposes will be obtained from a Mapco water well.

6. Source of Construction Materials:

Construction material will be located on lease.

7. Methods of Handling Waste Disposal: (Refer to attached drawing)

The reserve pit will be lined with plastic placed on a bed of straw, anchored by dirt around the edges and placed well under the mud tanks.

Burning will not be allowed. All trash will be contained and disposed by a trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to a lined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the A0's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. Ancillary Facilities: None required.

9. Well Site Layout: Refer to well location layout drawing.

Stockpiled topsoil (two-to-four inches) will be stored to the east of Area A, refer to drawing.

Refer to drawing for access to the well pad.

The blooie pit will be anchored.

Reserve pits will be fenced on three sides with a wire mesh fence and topped with at least one strand of barbed wire during drilling and completion operations, the fourth side will be fenced immediately upon removal of the rig.

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed, if the wellsite is to be abandoned at that time.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas. The BLM will be consulted for a suitable seed mixture for the reseeding of the location.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

11. Surface and Mineral Ownership: Federal surface and Federal minerals.

12. Other Information:

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance has been submitted. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future drilling operations.

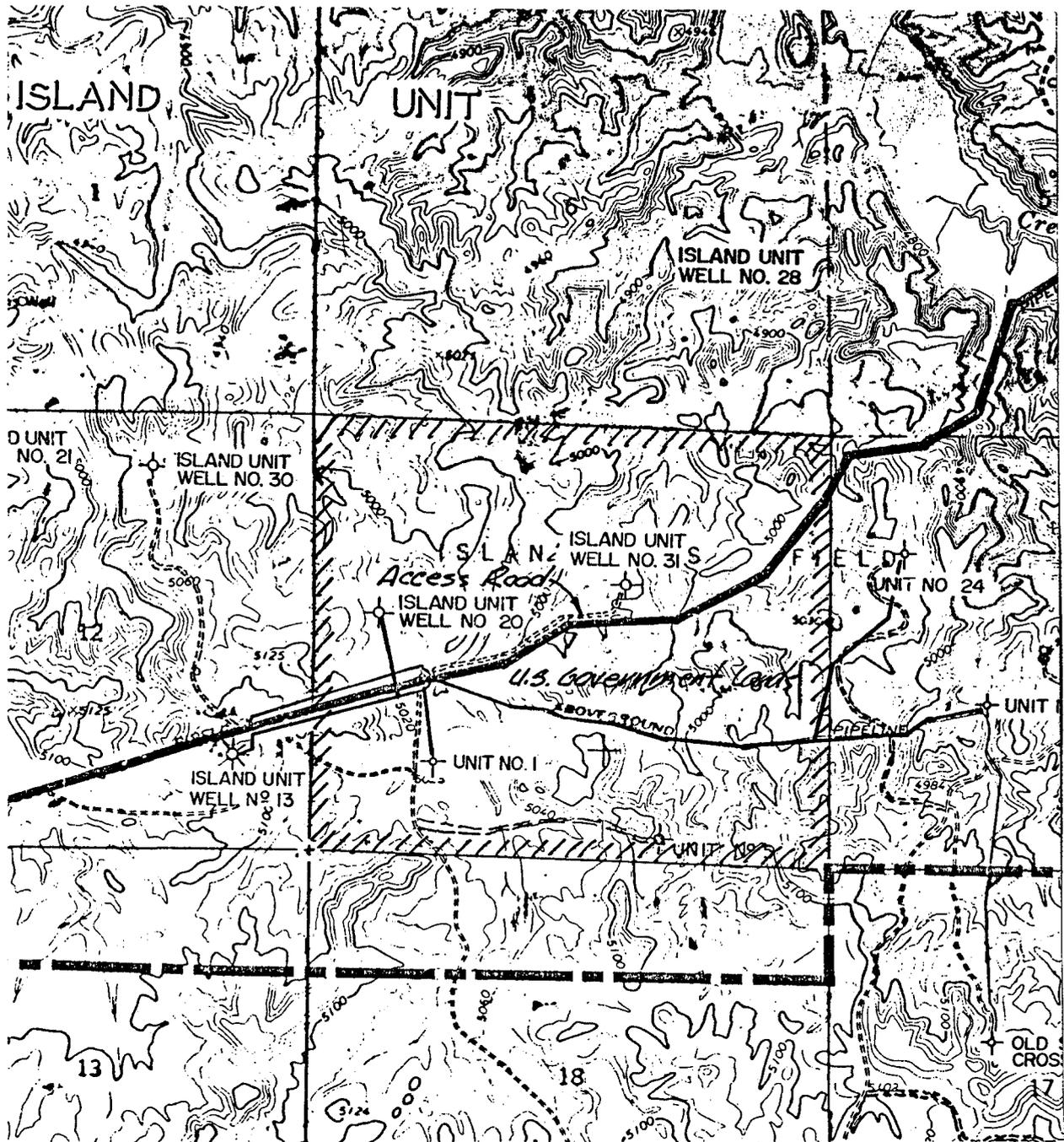
12. Lessee's or Operator's Representative. L. E. Martin, Assistant Drilling Superintendent, P. O. Box 458, Rock Springs, WY 82901, telephone number 307-382-9791.

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; 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 operation proposed herein will be performed by Wexpro Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE 9-19-84

NAME *L. E. Martin*  
L. E. Martin, Asst. Drilling Supt.



TOWNSHIP 10 S.  
 RANGE 20 E.  
 MERIDIAN S.L.B.&M.  
 COUNTY Uintah  
 STATE Utah



 <b>MOUNTAIN FUEL RESOURCES, INC.</b> ROCK SPRINGS, WYOMING	
<i>Access Road &amp; Area Map</i> TO SERVE <i>Island Unit Well No. 31</i> ACROSS U. S. GOVERNMENT LANDS	
DRAWN: <i>B-22-86 RCP</i>	SCALE: 1" = 2000'
CHECKED: <i>CRW</i>	DRWG. NO. <i>25238</i>
APPROVED: <i>SXO</i>	

AT SITES WHERE TOPSOIL IS PRESENT SAME IS TO BE REMOVED AND STORED ON THE ADJACENT LAND FOR RESTORATION AT THE SITE WHEN REQUIRED. 1782 CU. YDS. OR THE TOP 6" OF TOPSOIL IS TO BE STOCKPILED.

MUD PIT TO BE UNLINED & FENCED

AREA "A" SHOULD BE LEVELED TO STACK DRILL PIPE, SET "FRAC" TANKS, TESTING SEPARATOR AND OTHER EQUIPMENT.

Garbage to be removed by truck.

AREA FOR LOCATION IS 2.21 ACRES.

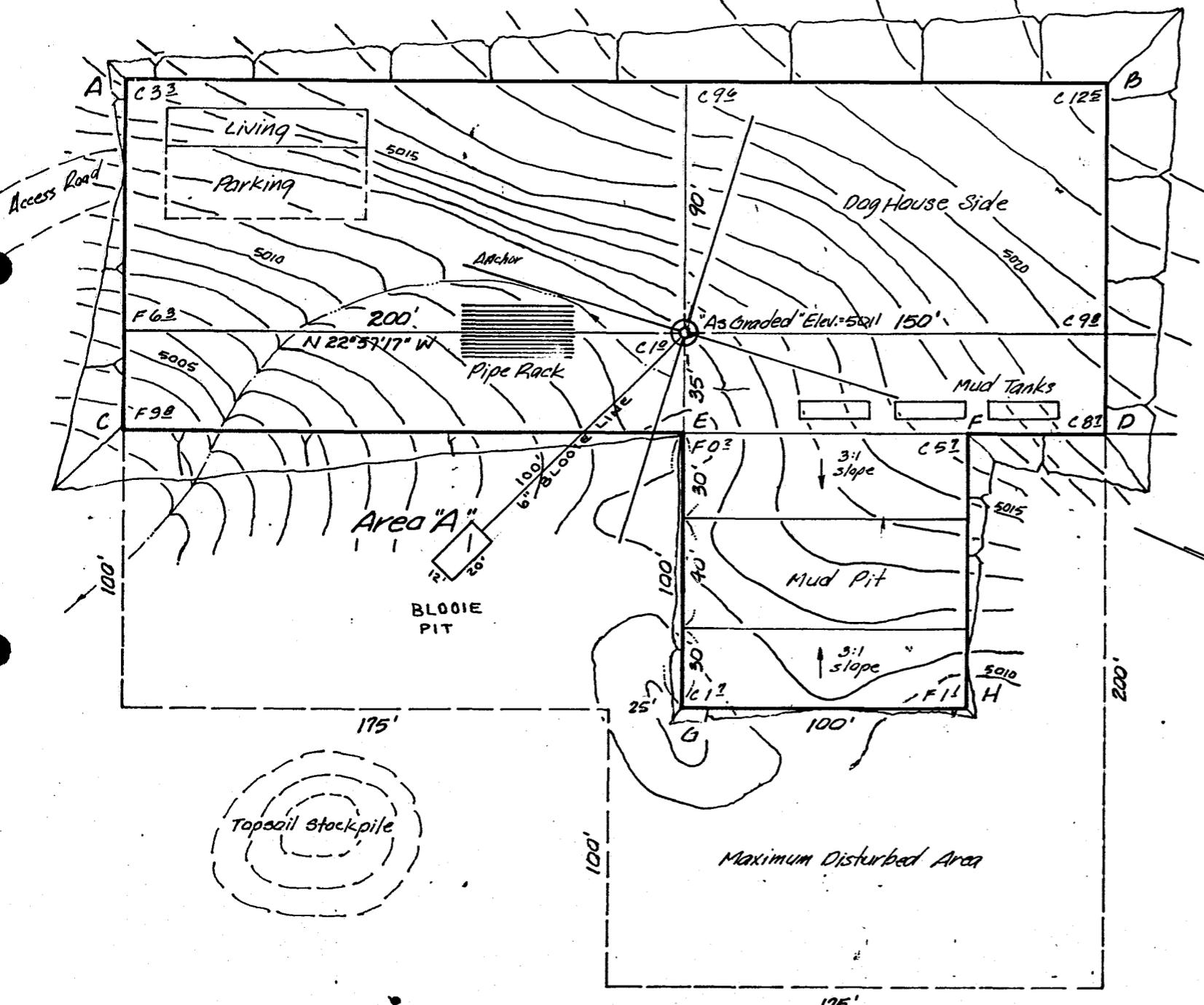
REFERENCE DRAWINGS ARE:

M-25235                      M-25238  
M-25237                      M-12205

DEADMAN ANCHORS ARE AT 120' SPACING (MIN.)

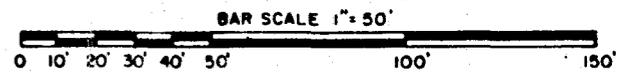
CUTS AND FILLS ARE AT 2:1 UNLESS OTHERWISE NOTED.

CONTOURS ARE AT 1' INTERVALS.



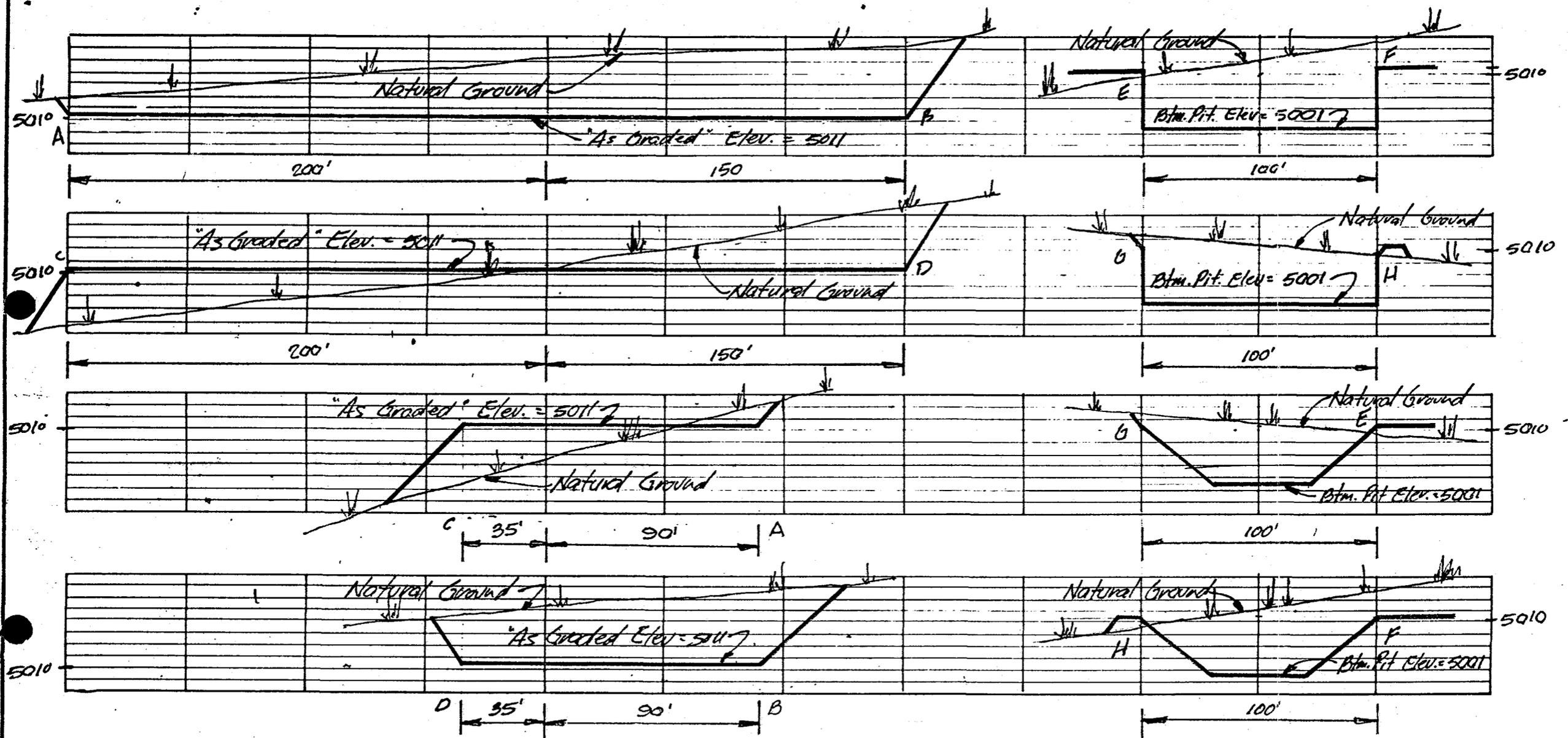
Enlarged Site  
Island Unit Well  
No. 31

R.C. Parker                      Aug. 22, 1906



M-25236

CRW ✓ JPB



Pad Fill = 1149 cu. yd.	Pit Fill = 6 cu. yd.	Total Fill = 1155 cu. yd.
Cut = 7604 cu. yd.	Cut = 2981 cu. yd.	Cut = 10,585 cu. yd.

PROFILE SECTIONS  
 Island Unit Well  
 No. 31

R.C. Parker Aug. 22, 1986

HORIZ. 1" = 50'  
 SCALE VERT. 1" = 20'

MUD PIT IS UNLINED, CUTS & FILLS ARE AT 2:1 UNLESS NOTED, — V — V — SYMBOL FOR NATURAL GROUND

CRW *[Signature]* M-25237

OPERATOR Weyers Co DATE 9-24-86

WELL NAME Island Unit #31

SEC SW NE 7 T 105 R 20E COUNTY Utah

43-047-31750  
API NUMBER

Field  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit well - POD approved 9/25/86  
Need water permit

APPROVAL LETTER:

SPACING:

203

Island  
UNIT

302

CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Oil Shale  
2- Water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 26, 1986

Wexpro Company  
P. O. Box 458  
Rock Springs, Wyoming 82902

Gentlemen:

Re: Well Name: Island Unit #31 - SW NE Sec. 31, T. 10S, R. 20E  
2037' FNL, 2284' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Special attention is directed to compliance with Rule 318.4, which prescribes drilling procedures for designated oil shale areas.

In addition, the following actions are necessary to fully comply with this approval:

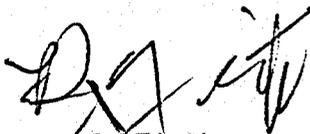
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
Wexpro Company  
Well Name: Island Unit #31  
September 26, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31750.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson  
8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

43.047.3170

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Wexpro Company

3. ADDRESS OF OPERATOR  
P. O. Box 458, Rock Springs, Wyoming 82902

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface SW NE, 2037' FNL, 2284' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 15 miles south and west of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2996'  
16. NO. OF ACRES IN LEASE 1970.27

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2202'  
19. PROPOSED DEPTH 6850'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5007' As Graded

5. LEASE DESIGNATION AND SERIAL NO. U-4482  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---  
7. UNIT AGREEMENT NAME Island  
8. FARM OR LEASE NAME Unit  
9. WELL NO. 31  
10. FIELD AND POOL, OR WILDCAT Island  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-10S-20E  
12. COUNTY OR PARISH Uintah 13. STATE Utah

17. NO. OF ACRES ASSIGNED TO THIS WELL NA

20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START\* October 15, 1986

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-5/8	8-5/8	36	330'	330' Regular G with additives
7-7/8	5-1/2	23	6850'	50-50 Pozmix with additives

See attached drilling plan.

RECEIVED  
OCT 06 1986

DIVISION OF  
OIL, GAS & MINING



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 [Signature] TITLE Asst. Drilling Superintendent DATE September 19, 1986

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 10-2-86

CONDITIONS OF APPROVAL, IF ANY:

43080-60m-34  
35241 Copy

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Wexpro Company Well No. 31

Location Sec. 7 T10S R20E Lease No. U-4482

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered:

Report all fresh water zones encountered to Wayne Svejnoha of this office. Copies of State of Utah forms, QGC-8-X, will be acceptable. If significant water flows are encountered, samples shall be submitted to this office as well as any water analysis conducted by the operator.

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

Fresh water may exist in the Uinta Formation at a depth of +1,000 to 1,200' and in the Douglas Creek Member of the Green River Formation at a depth of +3,100 to 3,600'. Economic deposits of oil shale may exist in the Mahogany Zone of the Parachute Member of the Green River from +2,050'. If these zones are encountered, ensure that the cemented top behind the 5½" casing is above the two zones.

2. Casing Program and Auxiliary Equipment

The District Office shall be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

3. Coring, Logging and Testing Program

A cement bond log will be run and copies of the log shall be submitted to this office.

4. Other Information

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

In the event after-hour approvals are necessary, please contact one of the following individuals:

Craig M. Hansen (801) 247-2318  
Assistant District Manager  
for Minerals

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

R. Allen McKee (801) 781-1368  
Petroleum Engineer

Revised October 1, 1985

Date APD Received 09/22/86

CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL

Company/Operator Wexpro Company  
Well Name & Number Island Unit No. 31  
Lease Number U-4482  
Location SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 7 T. 10 S. R. 20 E.  
Surface Ownership Public Lands Administered by BLM

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Planned Access Roads

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

2. Methods for Handling Waste

\*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

\*Pits are not to be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls, unless otherwise herein provided.

The reserve pit shall be lined. A separate blooie pit will be constructed as indicated in the layout diagram and the blooie line to that pit will be anchored securely.

\*If the pit is lined, it shall be constructed so as not to leak, break, or allow discharge.

The bottom of the reserve pit shall not be in fill material.

For the following reasons the reserve pit will be lined:

To conserve water (because of operator's request).

\*If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.

To protect the environment (without a chemical analysis).

Produced waste water will be confined to a lined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

### 3. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the west side of the pad. A blooie pit will be constructed as indicated in the layout diagram.

The stockpiled topsoil will be stored on the west side of the pad near Area "A".

Access to the well pad will be as indicated in the layout diagram.

### 4. Plans for Restoration of Surface

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

5. Other Additional Information

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

Additional Surface Stipulations for BLM

The operator or his contractor shall contact the BLM Office at (801) 789-1362 between 24 and 48 hours prior to construction activities. Contact the Bookcliffs Resource Area.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 6, 1986

Wexpro Company  
P. O. Box 458  
Rock Springs, Wyoming 82902

AMENDED

Gentlemen:

Re: Well Name: Island Unit #31 - SW NE Sec. 7, T. 10S, R. 20E  
2037' FNL, 2284' FEL - Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule 203, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Special attention is directed to compliance with Rule 318.4, which prescribes drilling procedures for designated oil shale areas.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2

Wexpro Company

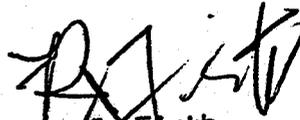
Well Name: Island Unit #31

October 6, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31750.

Sincerely,



R. J. Firth

Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals

D. R. Nielson

8159T

3162.35  
U-820  
U-4482

October 13, 1987

W

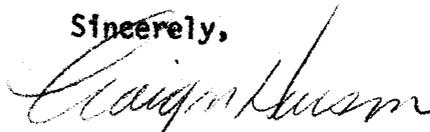
Wexpro Company  
P.O. Box 458  
Rock Springs, WY 82902

Re: Rescind Application for Permit to Drill  
Well No. 31  
Section 7, T10S, R20E  
Uintah County, Utah  
Lease No. U-4482

The Application for Permit to Drill the referenced well was approved on October 2, 1986. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,



Craig M. Hansen  
ADM for Minerals

bcc: State Div. O G & M  
well file  
U-922/943

MHerrmann:plp

RECEIVED  
OCT 22 1987

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

102910

October 27, 1987

Wexpro Company  
P.O. Box 458  
Rock Springs, Wyoming 82902

Gentlemen:

RE: Well No. Island Unit 31, Sec. 7, T. 10S, R. 20E,  
Uintah County, Utah, API NO. 43-047-31750

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,



John R. Baza  
Petroleum Engineer

sb  
cc: BLM  
D. R. Nielson  
R. J. Firth  
Well file  
0327T-107