

UTAH OIL AND GAS CONSERVATION COMMISSION

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

971110 Well nm FR Mon. Feb. 24-7-9-164: 980513 LA'D eff 4.20.98!
 971124 Equitable to Inland r# 9-30-97:

DATE FILED JANUARY 15, 1997

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. UTU-74390

INDIAN

DRILLING APPROVED: FEBRUARY 4, 1997

SPUDED IN:

COMPLETED: 4.20.98 LA'D UNIT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: April 20, 1998 LA'D

FIELD: UNDESIGNATED

UNIT:

COUNTY: DUCHESNE

WELL NO. NINE MILE 14-7

API NO. 43-013-31775

LOCATION 517 FSL FT. FROM (N) (S) LINE. 1952 FWL

FT. FROM (E) (W) LINE. SE SW

1/4 - 1/4 SEC. 7

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	16E	7	Inland Prod. Co. EQUITABLE RESOURCES				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other Instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

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 Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface SE SW Section 7, T9S, R16E 517' FSL, 1952' FWL.
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13.1 miles SW of Myton, Utah

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5,750'
17. NO. OF ACRES ASSIGNED TO THIS WELL

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 20. ROTARY OR CABLE TOOLS
5,987' GL Rotary

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
#24-7-9-16Y

10. FIELD AND POOL, OR WILDCAT
Mon. Butte/Grn River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 7, T9S, R16E

12. COUNTY OR PARISH 13. STATE
Duchesne UTAH

22. APPROX. DATE WORK WILL START*
2/1/97

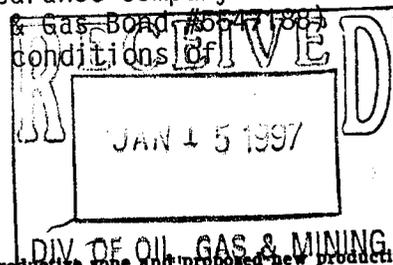
23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

CONFIDENTIAL

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #55471889) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.



ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and 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 Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. 43-013-31775 APPROVAL DATE

APPROVED BY [Signature] TITLE DATE 2/4/97
CONDITIONS OF APPROVAL, IF ANY

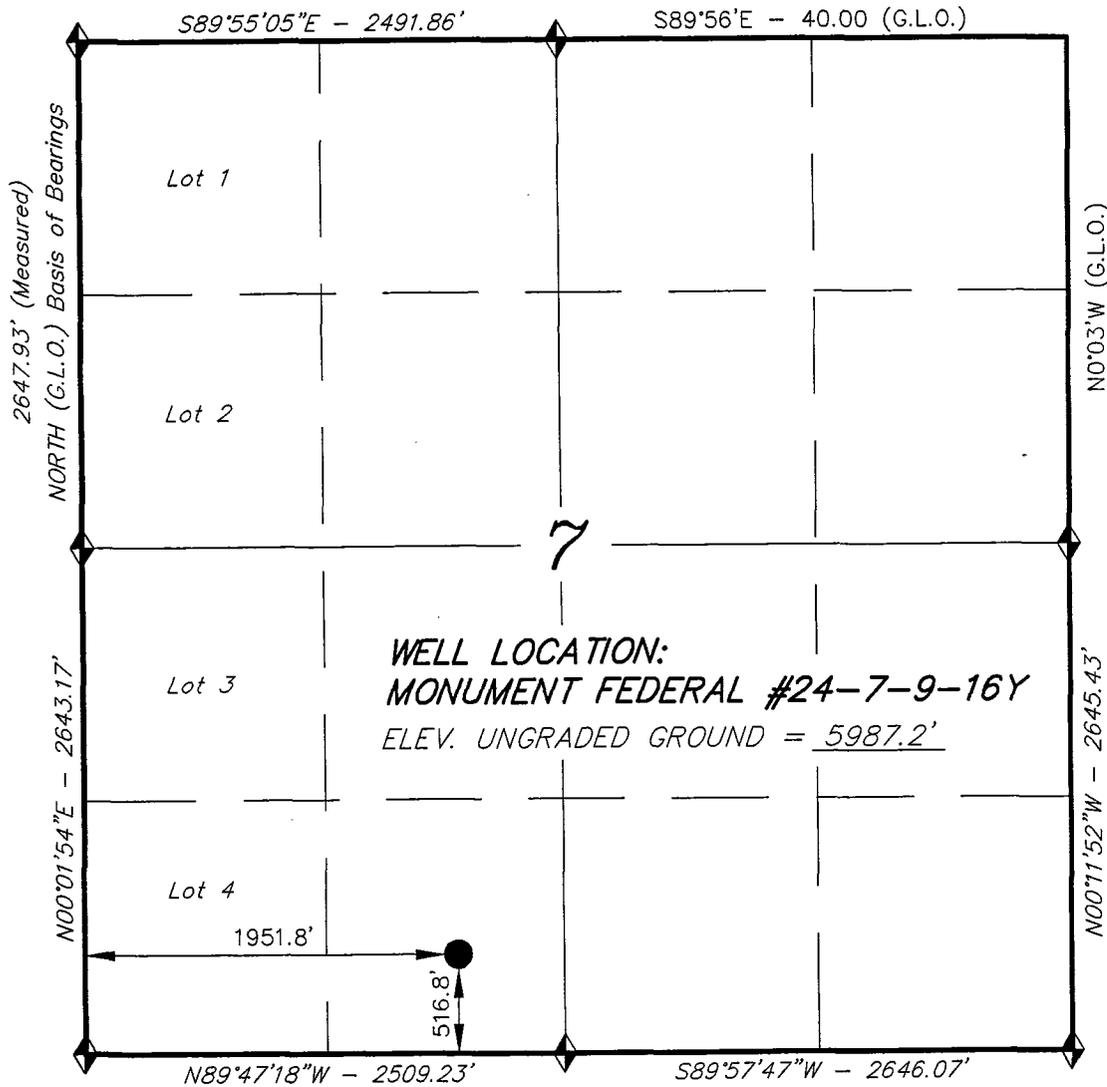
CONFIDENTIAL

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #24-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



2647.93' (Measured)
NORTH (G.L.O.) Basis of Bearings

N0°03'W (G.L.O.)

N00°01'54"E - 2643.17'

N00°11'52"W - 2645.43'

S89°55'05"E - 2491.86'

S89°56'E - 40.00 (G.L.O.)

Lot 1

Lot 2

Lot 3

Lot 4

WELL LOCATION:
MONUMENT FEDERAL #24-7-9-16Y
ELEV. UNGRADED GROUND = 5987.2'

1951.8'

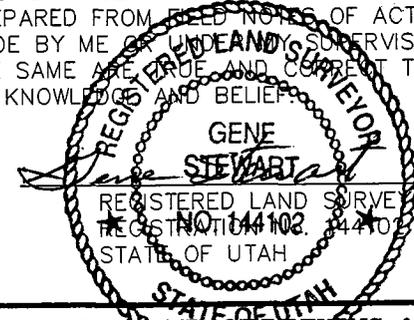
516.8'

N89°47'18"W - 2509.23'

S89°57'47"W - 2646.07'



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 AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 12-15-96

WEATHER: COLD

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

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
 Equitable Resources Energy Company *N9890*

3. ADDRESS OF OPERATOR
 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: SE SW Section 7, T9S, R16E 517' FSL, 1952' FWL
 At proposed prod. zone: *167* *544*

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 n/a

7. UNIT AGREEMENT NAME
 n/a

8. FARM OR LEASE NAME
 Monument Federal

9. WELL NO.
#24-7-9-16Y

10. FIELD AND POOL, OR WILDCAT
 Mon. Butte/Grn River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T9S, R16E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 13.1 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. 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
 5,750' *GRV*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,987' GL

22. APPROX. DATE WORK WILL START*
 2/1/97

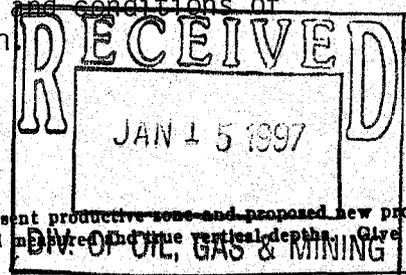
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESoruces Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

ORIGINAL: Bureau of Land Management (Vernal, UT)
 COPY: Utah Division of Oil, Gas and 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 true vertical depths. Give blowout preventer program, if any.

24. Bobbie Schuman Regulatory and Environmental Specialist DATE January 13, 1997
 SIGNED Bobbie Schuman TITLE DATE

(This space for Federal or State office use)

PERMIT NO. 43-013-31795 APPROVAL DATE _____

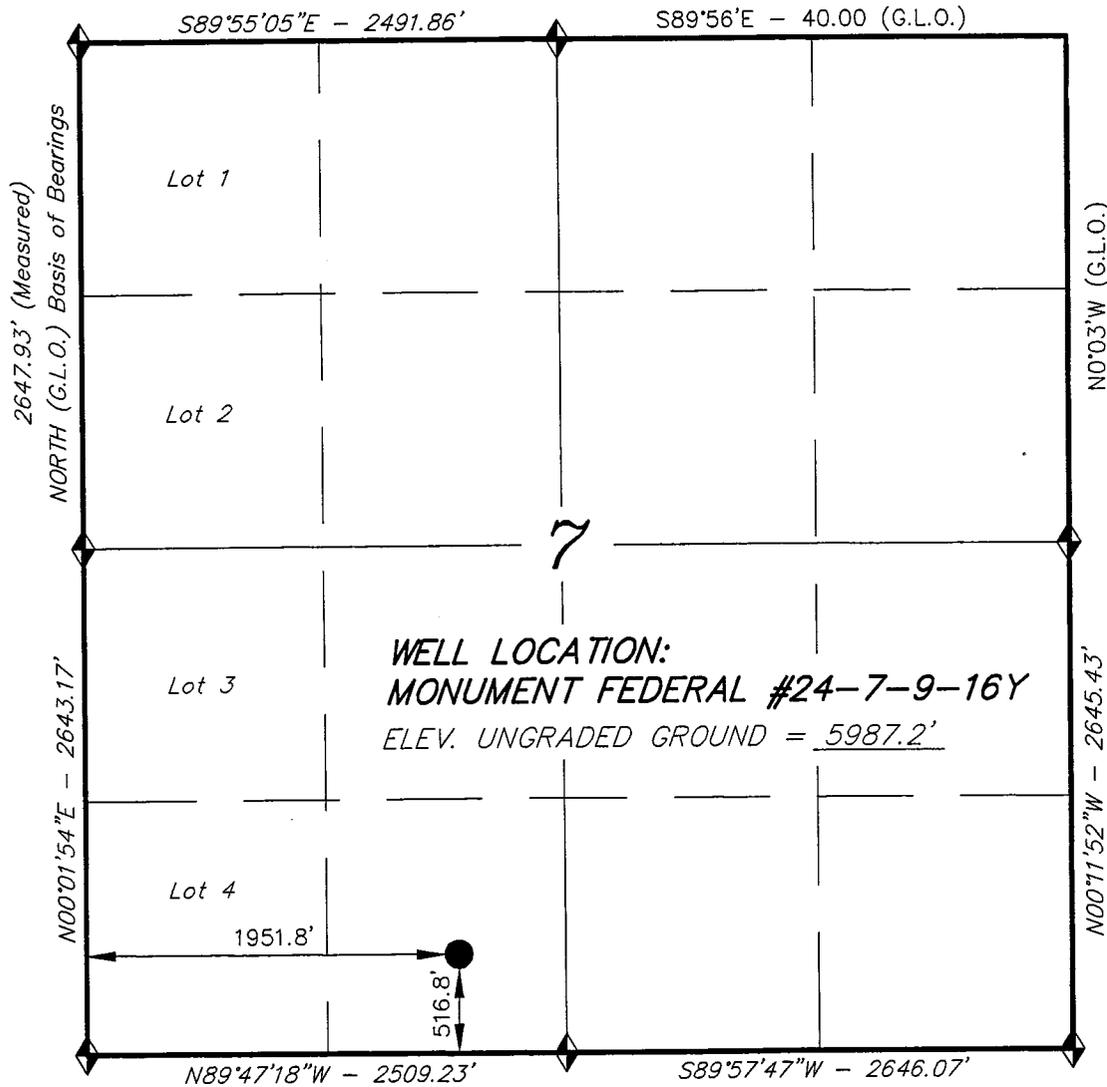
APPROVED BY [Signature] TITLE _____ DATE 2/4/97
 CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

T9S, R16E, S.L.B.&M.

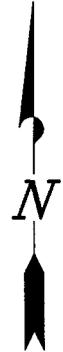
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #24-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

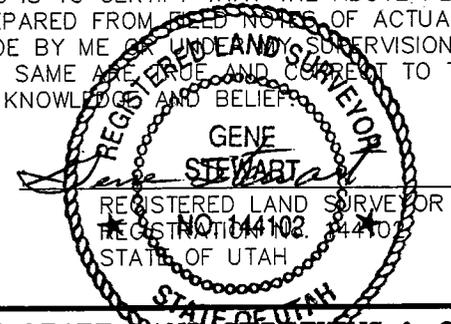


N0°03'W (G.L.O.)

N00°11'52"W - 2645.43'



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 AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
 38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-15-96	WEATHER: COLD
NOTES:	FILE #

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

**Equitable Resources Energy Company
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM
- M GAS GATHERING PIPELINE ROW APPLICATION
- N ARCHEOLOGICAL/PALEONTOLOGICAL CLEARANCE REPORT

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #24-7-9-16Y
SE SW Section 7, T9S , R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

2. **ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:**

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- e. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.

- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

SURFACE USE PROGRAM
EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #24-7-9-16Y
SE SW Section 7 T9S, R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south (left) on the Sand Wash road for approximately 1.7 miles to the Wells Draw road intersection. Turn right and continue along the Wells Draw road 9.6 miles to proposed access road sign. Follow flags 0.2 miles to location.
- b. The existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. All travel will be confined to location and access routes.
- c. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the east side of the location. It will be constructed long and narrow due to topography.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the north side between Corners 6 and 7.
- h. Access to the wellpad will be from the north at Corner 7.
- i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be notified of of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured in accordance with the agreement with the private surface owner. The reserve pit will be reclaimed in accordance with agreement with the private surface owner. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- b. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- c. All surface disturbance and reclamation will be done in accordance with BLM conditions of approval.



Well Prognosis

Well Name <u>MONUMENT FEDERAL #24-7-9-16Y</u>					Control Well		
Location <u>SE/SW SECTION 7-T9S-R16E (517' FSL, 1952' FWL)</u>					Operator <u>EREC</u>		
County/State <u>DUCHESNE, UTAH</u>					Well Name <u>MF 23-7-9-16Y</u>		
Field <u>MON. BUTTE</u>		Well Type <u>DEVELOPMENT</u>			Location <u>NE/SW SEC. 7-T9S-R16E</u>		
GL (Ung)	<u>5987</u>	EST. KB	<u>5997</u>	Total Depth	<u>5750</u>	KB	<u>5996</u>

Formation	Prognosis		Sample Top		Control Well Datum	High/Low	
	Depth	Datum	Depth	Datum		Prog	Control Deviation
UINTA	surface						
GREEN RIVER	1547	4450			4376		
HORSE BENCH SS	2220	3777			3703		
2ND GARDEN GULCH	4019	1978			1902		
Y-1 (PAY)	4179	1818			1744		
YELLOW MARKER	4543	1454			1380		
DOUGLAS CREEK	4687	1310			1236		
R-1 (PAY)	4713	1284			1210		
R-2 (PAY)	4780	1217			1143		
2ND DOUGLAS CREEK	4927	1070			996		
GREEN MARKER	5057	940			866		
G-5 (PAY)	5252	745			671		
G-6 (PAY)	5437	560			486		
CARBONATE MARKER	5594	403			329		
TD	5750						

Samples
50' FROM 1500' TO 4100'
20' FROM 4100' TO TD
5' THROUGH EXPECTED PAY
5' THROUGH DRILLING BREAKS

DST,s
 DST #1 NONE
 DST #2 _____
 DST #3 _____
 DST #4 _____

Wellsite Geologist
 Name: _____
 From: _____ To: _____
 Address: _____
 Phone # _____ wk.
 _____ hm.
 Fax # _____

Logs
DLL FROM SURF CSNG TO TD
LDT/CNL FROM 4000 TO TD

Cores
 Core #1 NONE
 Core #2 _____
 Core #3 _____
 Core #4 _____

Mud Logger
 Company: NORTHWEST
 From: _____ To: TD
 Type: 2 MAN
 Logger: _____
 Phone # _____
 Fax # _____

Comments:

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. (406)245-2261 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # (406) 259-7860 wk. (406)248-7026 hm.
Prepared By: BICKERSTAFF 1/96 Phone # _____ wk. _____ hm.



**EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION**

D
P-1052

DRILLING PROGRAM

WELL NAME: Monument Federal #24-7-9-16Y DATE: 1-9-97
 PROSPECT/FIELD: Monument Butte
 LOCATION: SE SW Section 7 Twn.9S Rge.16E
 COUNTY: Duchesne
 STATE: Utah

TOTAL DEPTH: 5750'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
 7 7/8" 260' to 5750'

CASING	INTERVAL		CASING		
STRING TYPE	FROM'	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5750'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class"G" with 2% CaCl and 1/4 lb/sack Flocele.
 (Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class"C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Strght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ(50% POZ: 50% Class"G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
 (Actual cement volumes to be calculated from caliper log with cement top at 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0'	260'	N.A.	N.A.	N.A.
Air/Air Mist/KCl wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EQUITABLE RESOURCES ENERGY COMPANY

D
P-2 of 2

Operator: EREC	Well Name: Mon.Fed.24-7-9-16Y
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2054 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	5,750	5-1/2"	15.50	K-55	ST&C	5,750	4.825

	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2629	4040	1.537	2629	4810	1.83	89.13	222	2.49 J

Prepared by : *McCoskery, Billings, Montana*

Date : 01-09-1997

Remarks :

Design is for a Production string.

Minimum segment length for the 5,750 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,629 psi, respectively.

NOTE : The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

EXHIBIT "E"

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

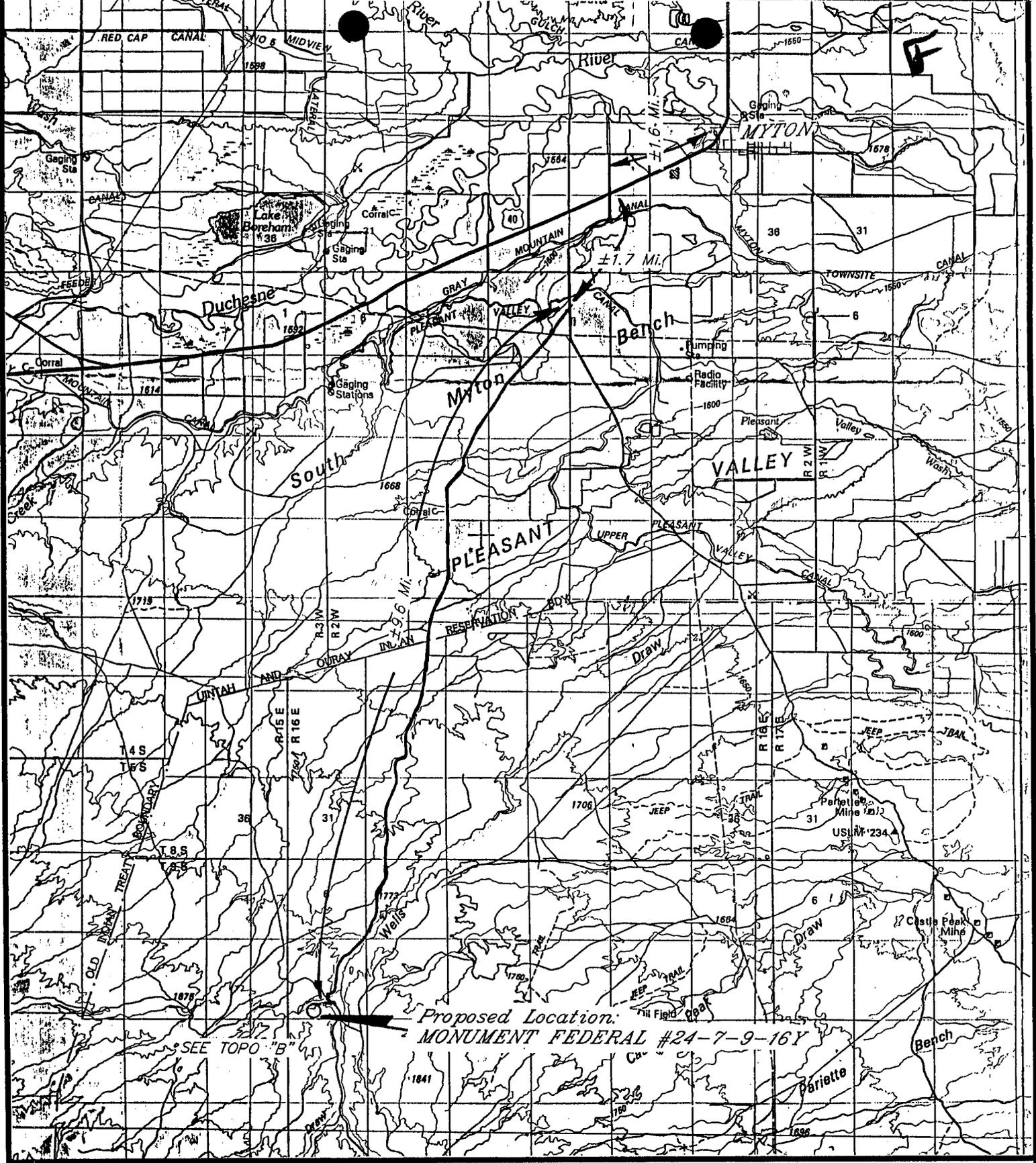
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- B. Extremely hazardous substances threshold quantities which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95

/rs

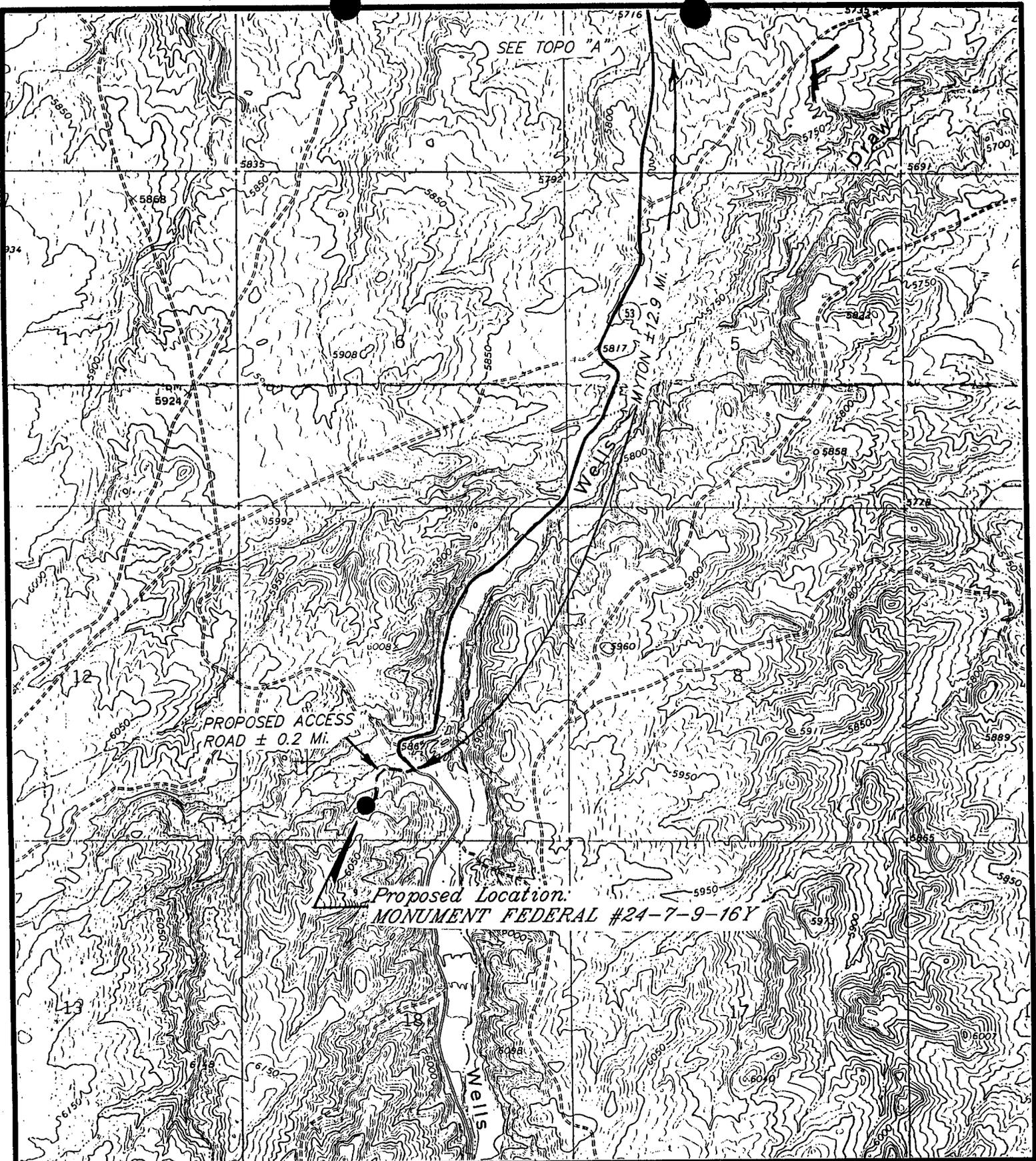


EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "A"



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-7-9-16Y
 SEC. 7, T9S, R16E, S.L.B.&M.
 TOPO "B"



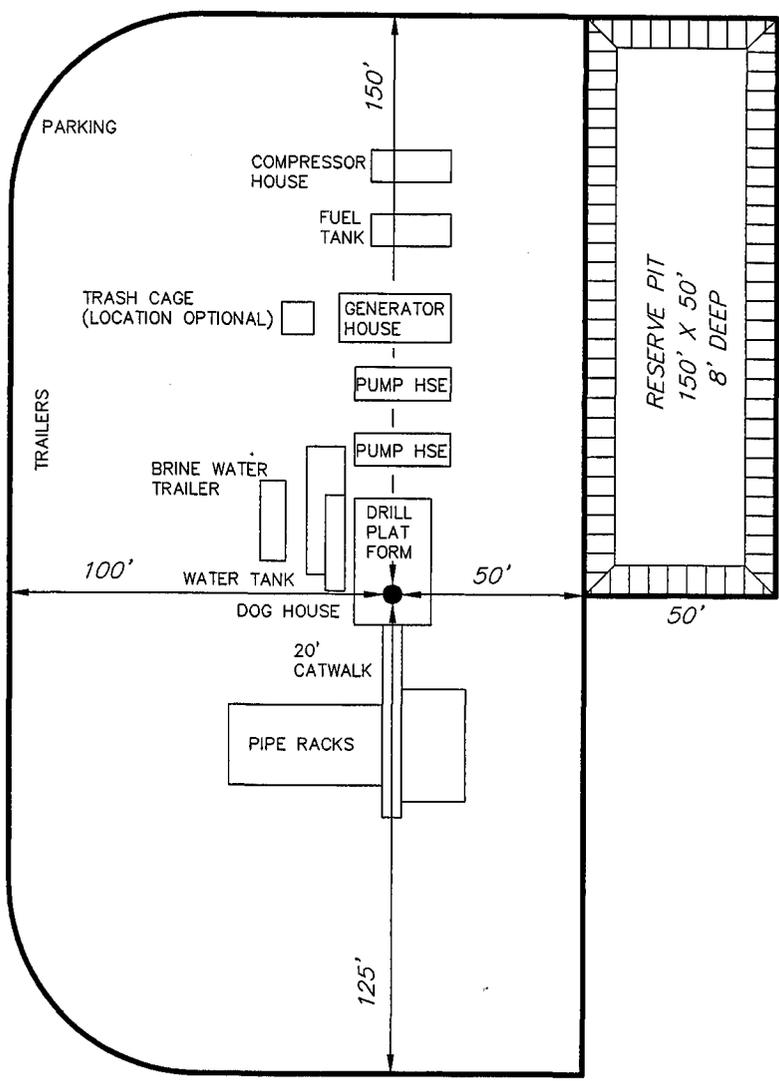
SCALE: 1" = 2000'

Tri State
Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

G

TYPICAL RIG LAYOUT

MONUMENT FEDERAL #24-7



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

UNION DRILLING RIG #17

Hex Kelly

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RAM-PIPE RAM

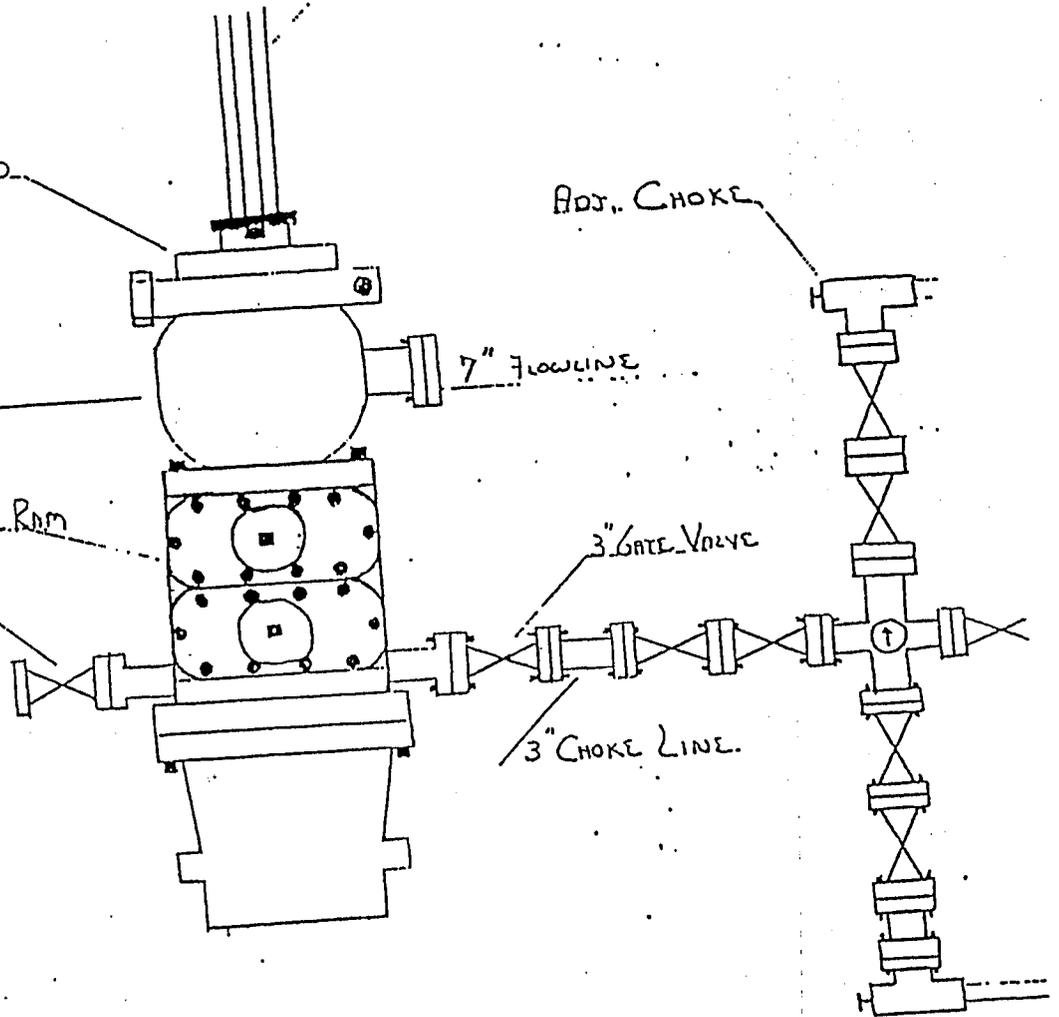
3" GATE VALVE

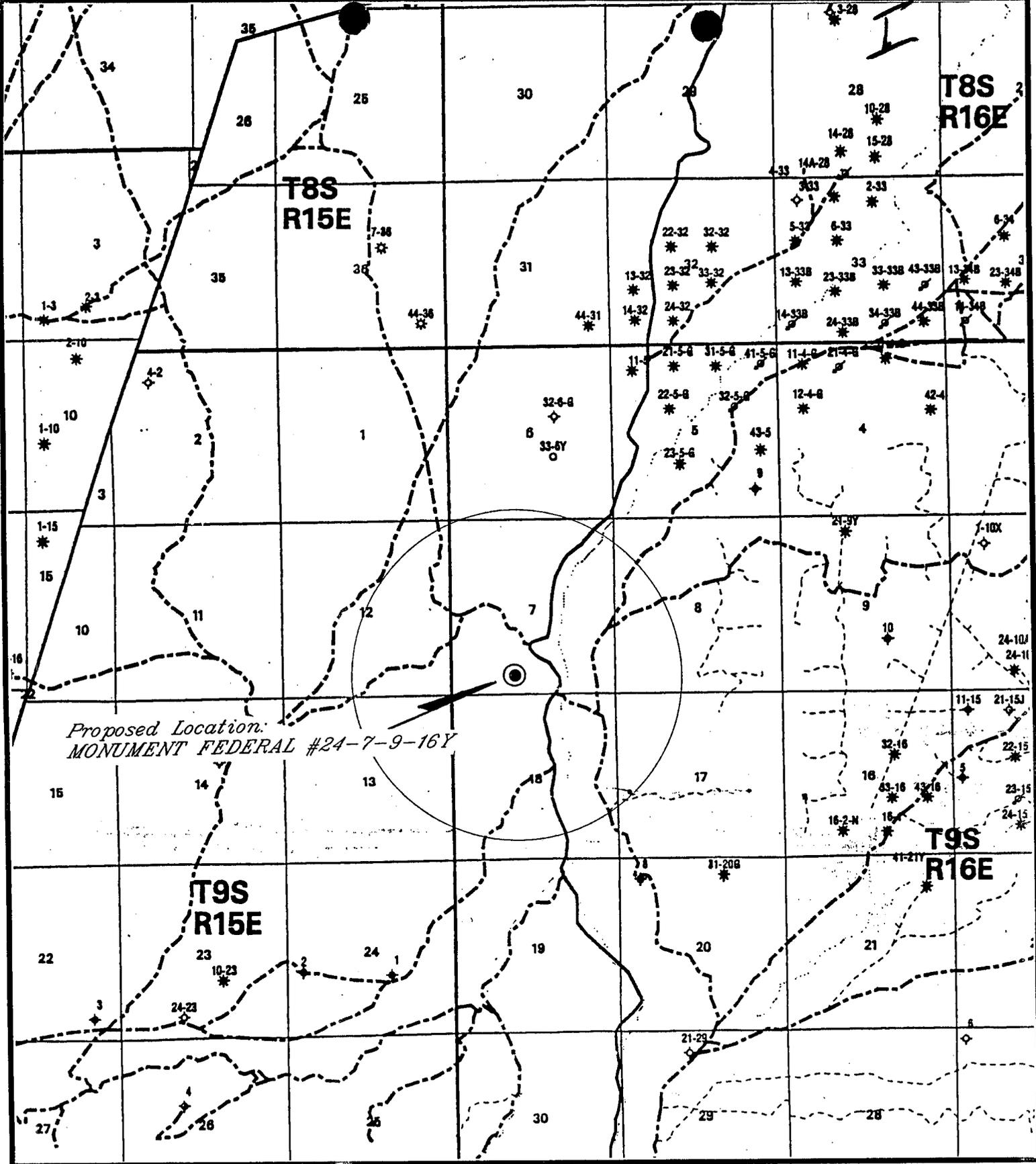
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK





*Proposed Location:
MONUMENT FEDERAL #24-7-9-16Y*

EQUITABLE RESOURCES CO.

*MONUMENT FEDERAL #24-7-9-16Y
SEC. 7, T9S, R16E, S.L.B.&M.
TOPO "C"*



Tri State
Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

PROPOSED PRODUCTION FACILITY DIAGRAM

J

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN

DIKE

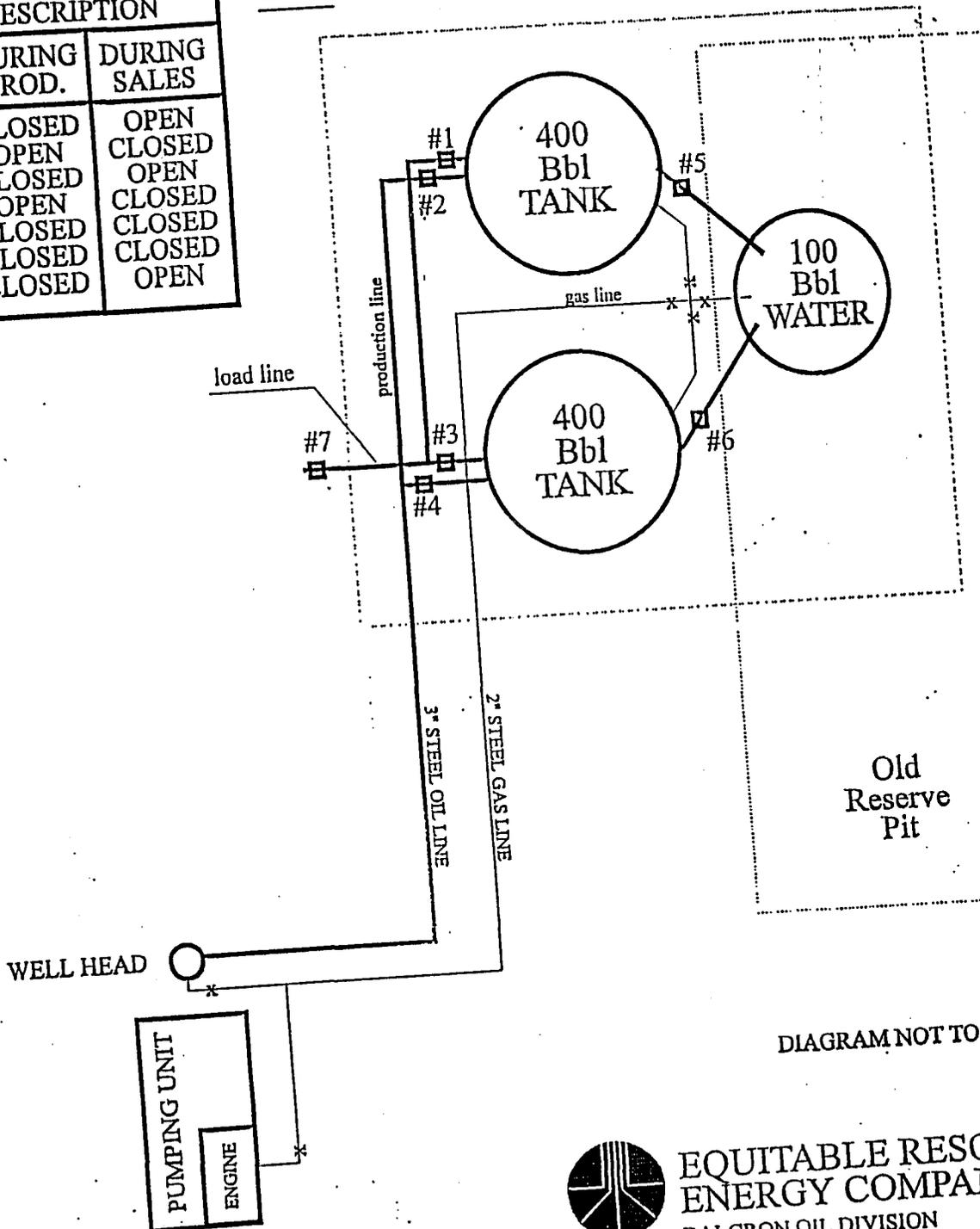


DIAGRAM NOT TO SCALE



EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION

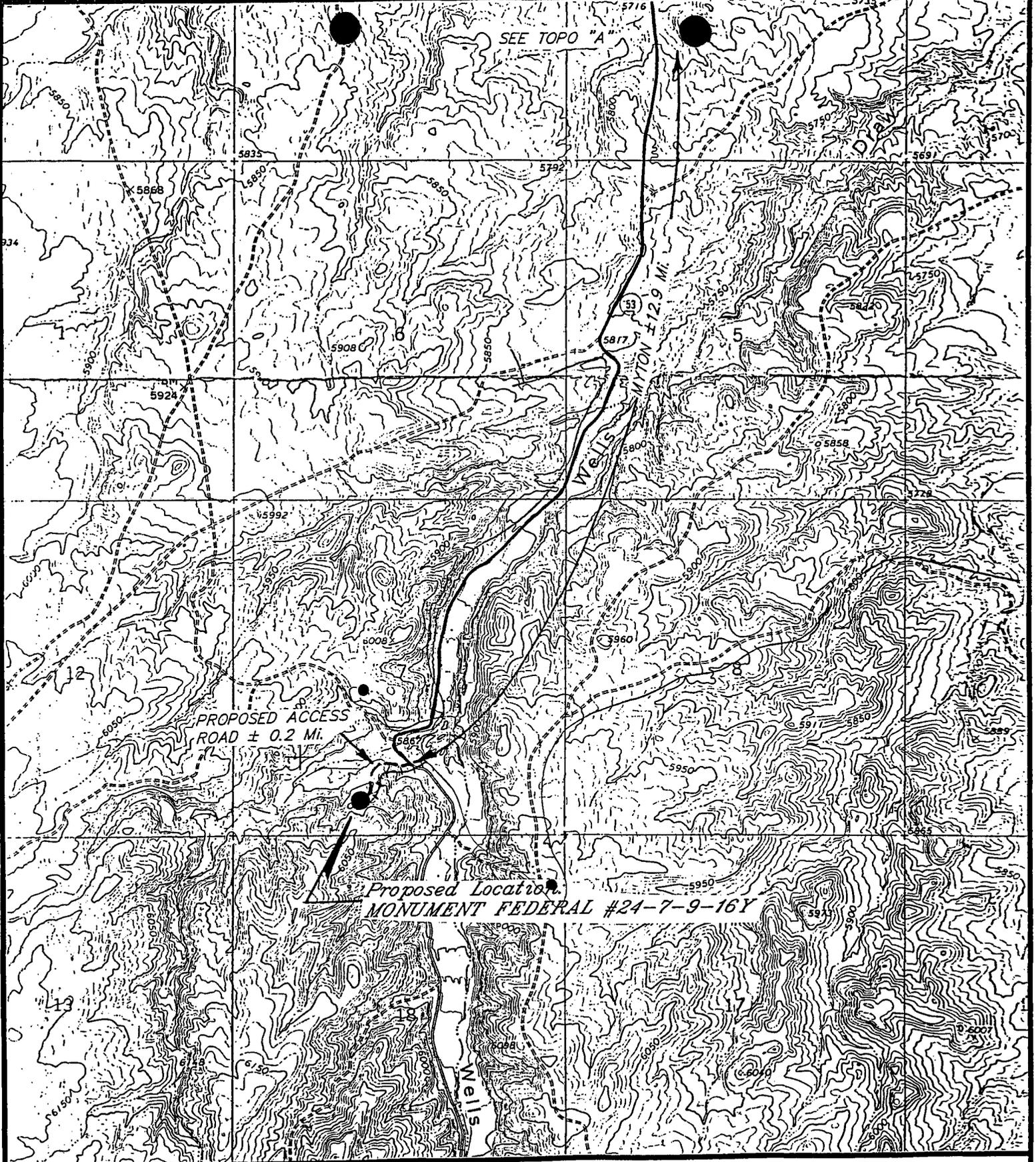
1601 Lewis Avenue
Billings, MT 59104-2
(406) 259-7860

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

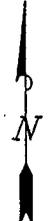
Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



GAS GATHERING LINES
 Monument Federal #24-7-9-16Y
 Section 7, T9S, R16E



EQUITABLE RESOURCES
ENERGY COMPANY
 WESTERN REGION



+++++ proposed poly gas line
 ——— existing poly gas line

SCALE: 1" = 2000'

N

CULTURAL RESOURCE INVENTORIES OF
EQUITABLE RESOURCES MONUMENT FEDERAL
SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery
and
Jacki A. Montgomery

CULTURAL RESOURCE INVENTORIES OF EQUITABLE RESOURCES
MONUMENT FEDERAL SIXTEEN WELL LOCATIONS IN THE
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery
and
Jacki A. Montgomery

Prepared For:

Bureau of Land Management
Diamond Mountain Resource Area
Vernal District

Prepared Under Contract With:

Equitable Resources Energy Company
1601 Lewis Ave
Billings, Montana 59102

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

December 27, 1996

United States Department of Interior (FLPMA)
Permit No. 96-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-96-MQ-0703,b

i

ABSTRACT

In December 1996, cultural resource inventories of sixteen proposed well locations and access roads were performed by Montgomery Archaeological Consultants for Equitable Resource's Monument Federal project. The project area is situated in the Pleasant Valley area of the Uinta Basin, on both sides of Wells Draw. A total of 190 acres was inventoried for cultural and paleontological resources located on public lands administered by the BLM Diamond Mountain Resource Area, Vernal District.

The archaeological survey resulted in the documentation of two historic trash scatters (42Dc1054 and 42Dc1055) which represent temporary livestock (sheep) camps. In addition six prehistoric and historic isolated finds of artifacts were documented. No paleontological resources were identified in the project area. The two historic trash scatters are not recommended for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

TABLE OF CONTENTS

ABSTRACT i
 TABLE OF CONTENTS ii
 LIST OF FIGURES ii
 INTRODUCTION 1
 DESCRIPTION OF THE PROJECT AREA 1
 SURVEY METHODOLOGY 3
 INVENTORY RESULTS 4
 NATIONAL REGISTER OF HISTORIC PLACES EVALUATION 7
 SUMMARY AND RECOMMENDATIONS 7
 REFERENCES CITED 8
 APPENDIX A: 42Dc1054 and 42Dc1055 INTERMOUNTAIN ANTIQUITIES COMPUTER
 SYSTEM (IMACS) SITE FORMS 9

LIST OF FIGURES

1. Equitable Resources Monument Federal Well Locations
 and Access Road Showing Cultural Resources 2
 2. 42Dc1054 Site Map 5
 3. 42Dc1055 Site Map 6

LIST OF TABLES

1. Monument Federal Well Location Descriptions 3

INTRODUCTION

In December, 1996, cultural resource inventories were conducted by Montgomery Archaeological Consultants for sixteen proposed well locations and associated access roads. The project area is designated as the Monument Federal Wells Draw locality, situated in Duchesne County, Utah. The survey was implemented at the request of Ms. Bobbie Schumann, Regulatory and Environmental Specialist, Equitable Resources Energy Company, Billings, Montana. The project area occurs on public land administered by the Bureau of Land Management (BLM), Diamond Mountain Resource Area, Vernal District.

The objective of the inventories was to locate, document and evaluate any cultural resources and paleontological localities within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants under the auspices of U.S.D.I. (FLPMA) Permit No. 96-UT-60122 and State of Utah Antiquities Project (Survey) No. U-96-MQ-0703b. File searches for previous projects and documented cultural resources and paleontological localities were conducted at the BLM Vernal District office on December 20, 1996. This consultation indicated that several inventories have been completed within one mile of the project area (Alexander 1985; Hartley 1984; Hauck 1982, 1984, 1996; Hauck and Hayden 1993, 1995; Polk 1989; Tate 1984; Weymouth and Langley 1996). Documented prehistoric sites in the vicinity consist mainly of small lithic scatters, some containing chipped stone tools, (42Dc344, 42Dc388, 42Dc538, 42Dc586) and a desert pavement quarry (42Dc587). Only one recorded site contained ceramic sherds (42Dc938), and features (e.g. hearths or slab-lined features) were documented at two sites (42Dc533 and 42Dc537) in the area. Historic sites recorded in the vicinity include a small trash scatter interpreted as transient sheep camps (42DC389 and 42Dc794) and a sandstone benchmark monument (42Dc984). No cultural resources or paleontological localities have been documented within the immediate project area. Also no sites listed on the National Register of Historic Places (NRHP) occur in the project area.

DESCRIPTION OF PROJECT AREA

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 11 miles south of Myton, Utah. Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges. Wells Draw, a broad drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, dissects the project area. The elevation ranges from 5750 ft up to 6080 ft. Wells Draw is a major ephemeral source which flows in a southerly direction through the area. The project area lies within the Upper Sonoran vegetation zone, dominated by a shadscale community intermixed with low sagebrush, snakeweed, prickly pear cactus and a variety of low grasses. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

The inventory area consists of 16 proposed well locations and access roads (Figure 1 and Table 1). The legal description for the project area is T. 8S., R. 16E., S. 31; T. 9S., R. 15E. S. 1 and T. 9S., R. 16E., S. 5, 6, 7, 8, 17 and 18. The land status is public land administered by the BLM, Diamond Mountain Resource Area, Vernal District.

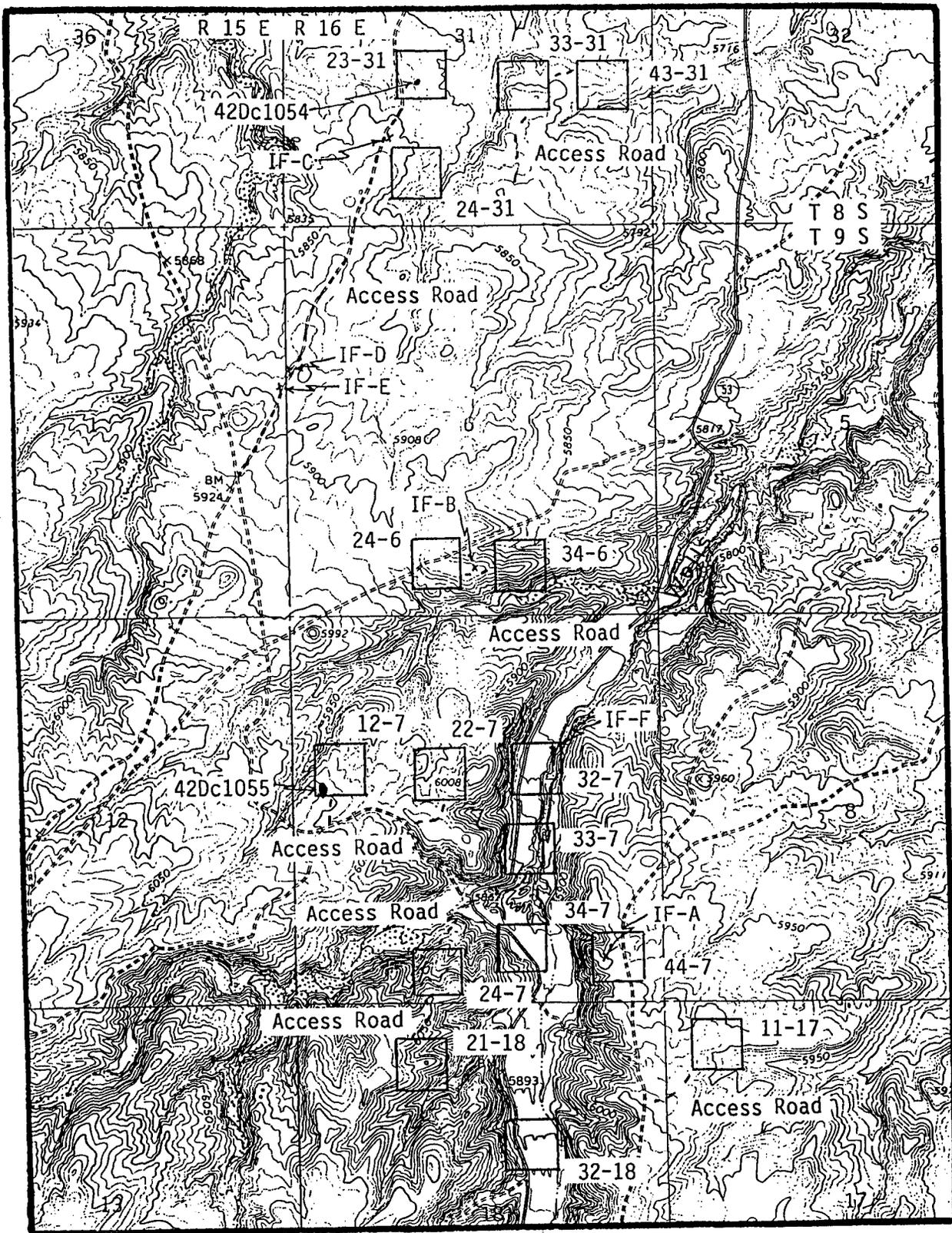


Figure 1. Equitable Resources Monument Federal Well Locations and Access Roads showing Cultural Resources. USGS Myton SW, UT 7.5', 1964. Scale 1:24000.

Table 1. Monument Federal Well Location Descriptions

Well Number	Legal Location	Location at Surface	Access Road	Cultural Resources
23-31-8-16Y	T8S R16E S31 NE/SW	1980.0' FSL 1826.0' FWL	1150 feet	42Dc1054, IF-C
33-31-8-16Y	T8S R16E S31 NW/SE	1956.7' FSL 1809.5' FEL	1050 feet	None
43-31-8-16Y	T8S R16E S31 NE/SE	1980.0' FSL 660.0' FEL	400 feet	None
24-31-8-16Y	T8S R16E S31 SE/SW	681.8' FSL 1831.6' FEL	4800 feet	IF-D, IF-E
24-6-9-16Y	T9S R16E S6 SE/SW	716.6' FSL 2118.2' FWL	1800 feet	None
34-6-9-16Y	T9S R16E S6 SW/SE	660.0' FSL 1980.0' FEL	400 feet	IF-B
12-7-9-16Y	T9S R16E S7 SW/NW	1980.0' FNL 660.0' FWL	400 feet	42Dc1055
22-7-9-16Y	T9S R16E S7 SE/NW	2036.4' FNL 2070.2' FWL	600 feet	None
32-7-9-16Y	T9S R16E S7 SW/NE	2047.7' FNL 1769.1' FEL	None	IF-F
33-7-9-16Y	T9S R16E S7 NW/SE	2131.0' FSL 1909.6' FEL	None	None
24-7-9-16Y	T9S R16E S7 SE/SW	516.8' FSL 1951.8' FWL	950 feet	None
34-7-9-16Y	T9S R16E S7 SW/SE	750.9' FSL 2080.0' FEL	None	None
44-7-9-16Y	T9S R16E S7 SE/SE	660.0' FSL 660.0' FEL	None	IF-A
21-18-9-16Y	T9S R16E S18 NE/NW	859.1' FNL 1659.7' FWL	750 feet	None
32-18-9-16Y	T9S R16E S18 SW/NE	1966.0' FNL 1910.3' FEL	None	None
11-17-9-16Y	T9S R16E S17 NW/NW	575.6' FNL 640.3' FWL	900 feet	None

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the sixteen proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural and paleontological resources by the archaeologist walking parallel transects spaced no more than 10 m apart. The access roads were surveyed to a 100 foot (30 m) width by walking parallel transects along the staked centerline, spaced no more than 10 m apart. Ground visibility was excellent. The acreage for the proposed well locations consisted of 160 acres, and 2.5 miles (30 acres) of access road was surveyed. A total of 190 acres was inventoried for this project.

Cultural resources were recorded as an archaeological site or isolated find of artifact. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologist walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

INVENTORY RESULTS

The inventory of the sixteen proposed well locations and associated access roads resulted in the documentation of two newly-found archaeological sites (42Dc1054 and 42Dc1055), and six isolated finds of artifacts (IF-A through IF-F)

Smithsonian Site No.: 42Dc1054
Temporary Site No.: ERMF K/1
Well Location: Monument Federal 23-31-8-16Y
Legal Description: T. 8S, R. 16E, S. 31, CT/NE/SW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a small trash scatter situated on a ridge crest west of Wells Draw (Figure 1). The site measures 16 m NW-SE by 10 m NE-SW (Figure 2). It appears to have been a temporary livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes (e.g. lack of hearth at site). Historic items consist of a machine forged horse shoe, hole-in-top and hole-in-cap tin cans, sanitary cans, and flat sided and round tobacco cans. The estimated time range is 1900 to 1920s.

Smithsonian Site No.: 42Dc1055
Temporary Site No.: ERMF K/2
Well Location: Monument Federal 12-7-9-16Y
Legal Description: T. 9S, R. 16E, S. 7, SW/SW/NW
Jurisdiction: BLM, Diamond Mountain Resource Area
Description: This is a medium size trash scatter situated at the base of a ridge, west of Wells Draw (Figure 1). The site measures 70 m north-south by 80 m east-west (Figure 3). It appears to have been a short term livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes. Historic items include numerous sanitary evaporated milk cans, several sanitary fruit cans, a coffee can, and a broken purple glass whiskey bottle ("HAYNER WHISKEY"). The occupational span of the site was between 1904 and 1914.

Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the NW, SE, SE of S. 7, T. 9S., R. 15E. (UTM 572100E and 4432380N). It is a brown semi-translucent chert secondary flake. Isolated Find B (IF-B) is located in the NW, SW, SE of S. 6, T. 9S., R. 16E. (UTM 571570E and 4433950N). It consists of a Hole-in-top cut around can (4 in. high, 4 3/4 in. diameter) and a evaporated milk sanitary can (4 5/16 high, 2 15/16 in. diameter) with a 3/4 in. diameter cap. Isolated Find C (IF-C) is located in the NW, SE, SW of S. 31, T. 9S., R. 16E. (UTM 571200E and 4435780N). It is the midsection of a dark brown semi-translucent chert Stage IV biface displaying oblique parallel flaking, a lateral bend fracture and a lateral perverse fracture. It measures 3.8 cm (incomplete) by 2.9 cm by 0.6 cm. Isolated Find D (IF-D) is located in the NW, SW, NW of S. 6, T. 9S., R. 16E. (UTM 570800E and 4434820N) and consists of a white opaque secondary flake. Isolated Find E (IF-E) is located in the SE, SE, NE of S. 17, T. 9S., R. 15E. (UTM 570750E

42Dc1054(K/I) EQUITABLE RESOURCES

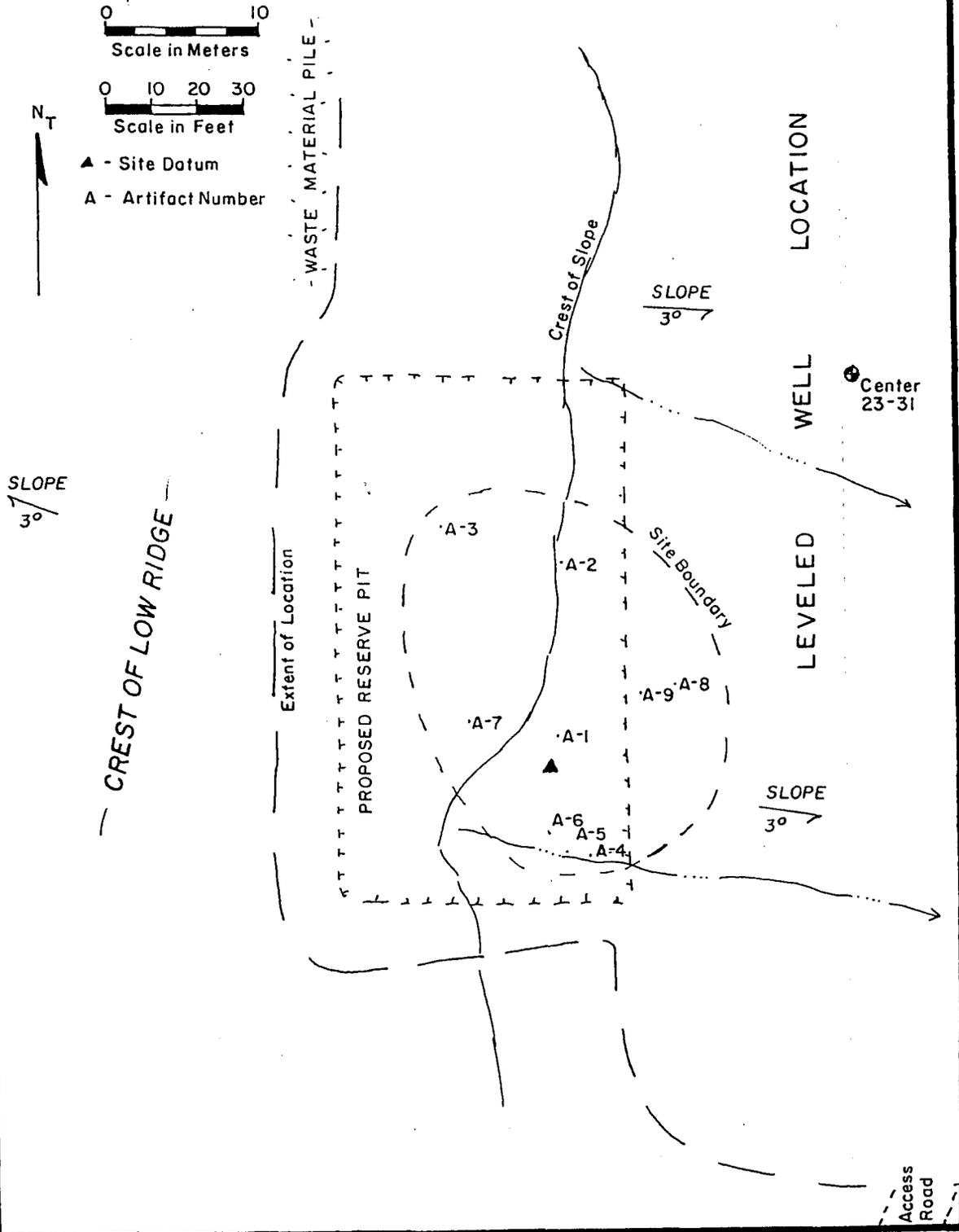


Figure 2. Site 42Dc1054 Map.

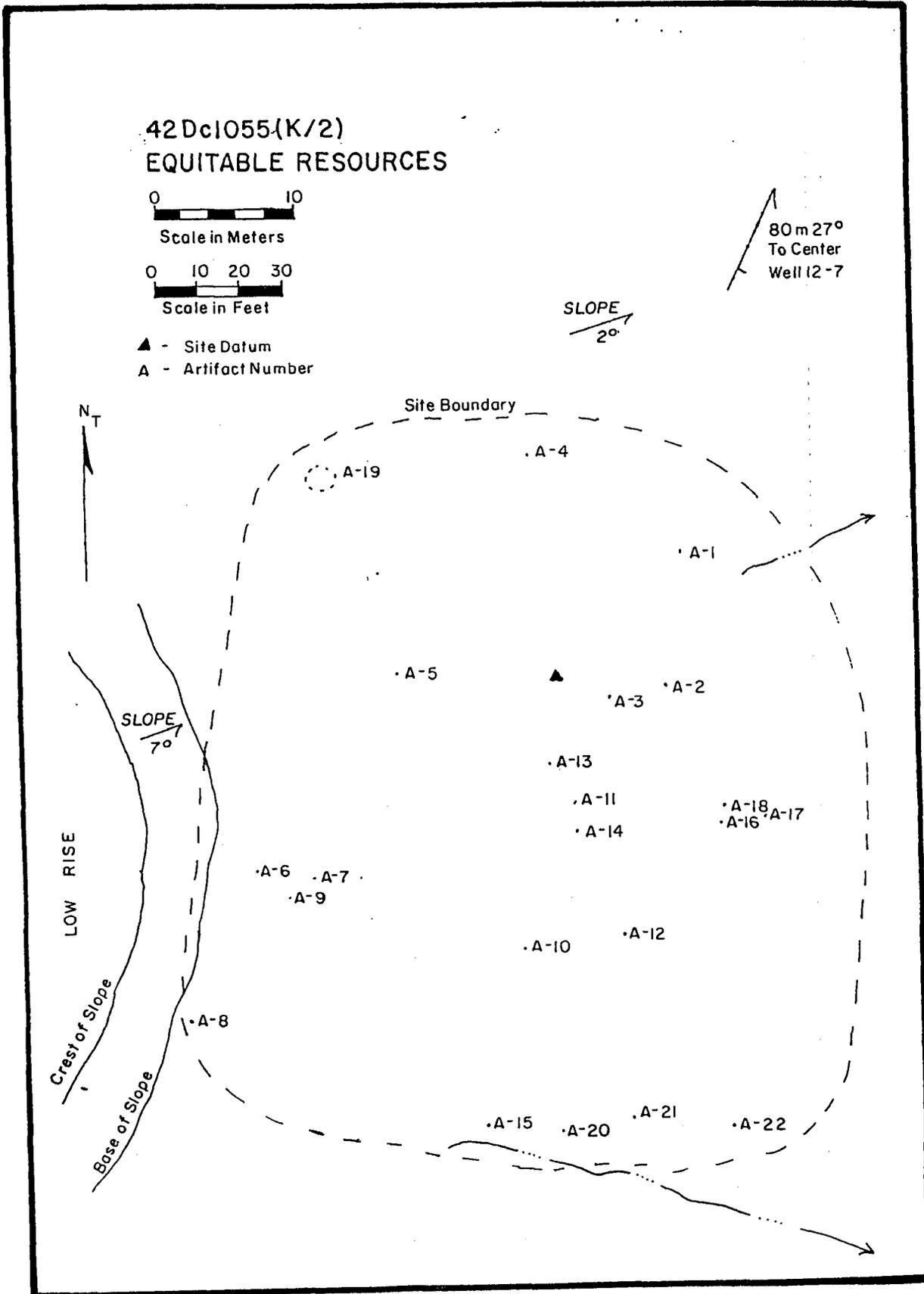


Figure 3. Site 42Dc1055 Map.

and 4433240N). It consists of 20 pieces of a clear quart canning jar and a zinc lid with a porcelain insert. Isolated Find F (IF-F) is located in the NE, SW, SE of S. 7, T. 8S., R. 16E. (UTM 571900E and 4433240N) and is a Hole-in-cap cut around smashed can.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of the sixteen Equitable Resources well locations and access road resulted in the documentation of two historic sites (42DC1054 and 42DC1055), and six isolated finds of artifacts. No paleontological resources were identified in the project area. The two historic trash scatters are evaluated as not eligible for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. As well, the historic sites lack important information pertaining to the history of the region. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

SUMMARY AND RECOMMENDATIONS

The inventory of Equitable Resource's Monument Federal sixteen drill locations resulted in the recordation of two historic trash scatters as well as six prehistoric and historic isolated finds of artifacts. No paleontological localities were observed in the project area. Sites 42Dc1054 and 42Dc1055 are evaluated as not eligible to the NRHP. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

References Cited

- Alexander, Robert
1985 Archaeological Survey of Roseland Federal 11-5, Duchesne County, Utah. Grand River Consultants, Colorado. BLM Report No. U-85-GB-703.
- Hartley, John D.
1984 Archaeological Survey for Lomax Exploration Company's Antelope Canyon Federal 4-23, Duchesne County, Utah. BLM Report No. 013-229.
- Hauck, F.R.
1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1984 Cultural Resource Evaluation of the Phillips Petroleum Pipeline Corridor in the Antelope Canyon, Wells Draw and Pariette Bench Localities, Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1996 Cultural Resource Evaluation of Thirteen Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Duchesne & Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-95-AF-773.
- Hauck, F.R. and Glade V. Hayden
1993 Cultural Resource Evaluation of Four Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-93-AF-655.
- 1995 Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful.
- Polk, Michael R.
1989 A Cultural Resources Survey of Two NGC Energy Well Pads Near Wells Draw, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-89-SJ-097.
- Tate, Marcia J.
1984 Archaeological Survey of Damson Oil Corporation Federal #22-12, Duchesne County, Utah. Powers Elevation, Golden, Colorado. BLM Report No. 013-152.
- Weymouth, Heather M. and Lynita S. Langley
1996 A Cultural Resources Survey of Inland Resources Pipeline Group 2: Segment 3, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-96-SJ-076.

APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORMS

On File At:

Utah Division of State History
Salt Lake City, Utah

and

U.S. Bureau of Land Management
Diamond Mountain Resource Area
Vernal, Utah

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/15/97

API NO. ASSIGNED: 43-013-31775

WELL NAME: MON FED 24-7-9-16Y
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
 SESW 07 - T09S - R16E
 SURFACE: 0517-FSL-1952-FWL
 BOTTOM: 0517-FSL-1952-FWL
 DUCHESNE COUNTY
 UNDESIGNATED FIELD (002)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: UTU-74390

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number MT 0576)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number 47-1674)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: *Confidential*
Cultural Resource Inventory. 12/27/96.

STIPULATIONS: _____



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

February 4, 1997

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

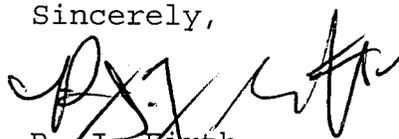
Re: Monument Federal 24-7-9-16Y Well, 517' FSL, 1952' FWL,
SE SW, Sec. 7, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31775.

Sincerely,



R. J. Firth
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 24-7-9-16Y
API Number: 43-013-31775
Lease: UTU-74390
Location: SE SW Sec. 7 T. 9 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact R. J. Firth (801)538-5274 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

12-5-96
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

CONFIDENTIAL

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
 Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: SE SW Section 7, T9S, R16E 517' FSL, 1952' FWL.
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 n/a

7. UNIT AGREEMENT NAME
 n/a

8. FARM OR LEASE NAME
 Monument Federal

9. WELL NO.
 #24-7-9-16Y

10. FIELD AND POOL, OR WILDCAT
 Mon. Butte/Grn River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T9S, R16E

12. COUNTY OR PARISH
 Duchesne

13. STATE
 UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 13.1 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. 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
 5,750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,987' GL

22. APPROX. DATE WORK WILL START*
 2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESources Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. 0545 (Nationalwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the laws and conditions of that portion of the lease associated with this application.

RECEIVED
 FEB 10 1997
 RECEIVED
 JAN 15 1997
 DIV. OF OIL, GAS & MINING

ORIGINAL: Bureau of Land Management (Vernal, UT)
 COPY: Utah Division of Oil, Gas and 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 Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY [Signature] TITLE ACTING Assistant Field Manager DATE FEB 05 1997
 CONDITIONS OF APPROVAL, IF ANY Mineral Resources

CONDITIONS OF APPROVAL ATTACHED **NOTICE OF APPROVAL**

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 24-7-9-16Y

API Number: 43-013-31775

Lease Number: U-74390

Location: SESW Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

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 Orders, 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable 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.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 1102 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

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.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 902 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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. One copy 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 AO.

6. Notifications of Operations

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 Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

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 approved plan are applicable during all operations conducted with the replacement rig.

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.

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 (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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 AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (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.

7. Other Information

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

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

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 following initial installation and at least quarterly thereafter. The AO 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 Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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 workover 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.

"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 3162.3-2.

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."

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).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.

3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.

RECEIVED
OCT 10 1997



October 7, 1997

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

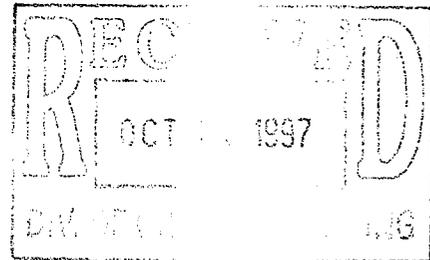
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

RECEIVED

OCT 13 1997

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)*

Effective September 30, 1997, Inland Production Company will take over Operations of the Approved and Pending Applications for Permit to Drill listed on the attached exhibit. The previous Operator was: Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102'

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED
OCT 20 1997

RECEIVED
OCT 10 1997

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

Signed Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date 9/30/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Revised 9/17/97

09/30/97

EREC APD LIST
(APPROVED and PENDING)

ST = State

WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	APD STATUS	ZONE	FED. OR STATE LEASE NO.	API NUMBER	FOOTAGES	BLM OFFICE	UNIT OR WELL FILE NO.
Monument Federal #11-10-9-17Y	Monument Butte	NW NW	10	9S	17E	Duchesne	UT	PND	Green River	U-65210				
Monument Federal #11-17-9-16Y	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	APRVD	Green River	U-65210	4301331534	409' FNL, 475' FWL	Vernal	
Monument Federal #12-7-9-16Y	Monument Butte	SW NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31779	575' FNL, 640' FWL	Vernal	
Monument Federal #12-11-9-17Y	Monument Butte	SW NW	11	9S	17E	Duchesne	UT	APRVD	Green River	UT-74390	43-013-31777	1980' FNL, 660' FWL	Vernal	
Monument Federal #14-22-8-17	Monument Butte	SW SW	22	8S	17E	Duchesne	UT	APRVD	Green River	U-65210	43-013-31679	1996' FNL, 673' FWL	Vernal	
Monument Federal #14-25-8-17	Monument Butte	SW SW	25	8S	17E	Uintah	UT	APRVD	Green River	U-67845	43-013-31643	532' FSL, 495' FWL	Vernal	
Monument Federal #21-6-9-16Y	Monument Butte	NE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74870	43-047-32765	660' FSL, 660' FWL	Vernal	
Monument Federal #21-18-9-16Y	Monument Butte	NE NW	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31816	663' FNL, 1728' FWL	Vernal	Humpback
Monument Federal #21-22-9-16Y	Monument Butte	NE NW	22	9S	16E	Duchesne	UT	PND	Green River	UTU-74390				
Monument Federal #22-6-9-16Y	Monument Butte	SE NW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-64379	43-013-31727	911' FNL, 2030' FWL	Vernal	
Monument Federal #22-7-9-16Y	Monument Butte	SE NW	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31719	2011' FNL, 1869' FWL	Vernal	
Monument Federal #23-6-9-16Y	Monument Butte	NE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31776	2036' FNL, 2070' FWL	Vernal	
Monument Federal #23-31-8-16Y	Monument Butte	NE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31812	1938' FSL, 1756' FWL	Vernal	
Monument Federal #24-6-9-16Y	Monument Butte	SE SW	6	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31810	1980' FSL, 1826' FWL	Vernal	
Monument Federal #24-7-9-16Y	Monument Butte	SE SW	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390				
Monument Federal #24-31-8-16Y	Monument Butte	SE SW	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	43-013-31775	517' FSL, 1952' FWL	Vernal	
Monument Federal #31-10-9-17Y	Monument Butte	NW NE	10	9S	17E	Duchesne	UT	APRVD	Green River	U-49950	43-013-31780	682' FSL, 1832' FWL	Vernal	
Monument Federal #32-5-9-17	Monument Butte	SW NE	5	9S	17E	Duchesne	UT	PND	Green River	U-65210				
Monument Federal #32-7-9-16Y	Monument Butte	SW NE	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74808	4301331591	660' FNL, 1980' FEL	Vernal	
Monument Federal #32-18-9-16Y	Monument Butte	SW NE	18	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331818	1833' FNL, 1913' FEL	Vernal	
Monument Federal #32-20-9-18Y	8 Mile Flat	SW NE	20	9S	18E	Uintah	UT	PND	Green River	UTU-74390	43-013-31778	2048' FNL, 1769' FEL	Vernal	
Monument Federal #33-5-9-17	Monument Butte	NW SE	5	9S	17E	Duchesne	UT	APRVD	Green River	U-64917	4301331805	1996' FNL, 1910' FEL	Vernal	
Monument Federal #33-7-9-16Y	Monument Butte	NW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74808	43-047-32725	1980' FNL, 1980' FEL	Vernal	
Monument Federal #33-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	UTU-74390	4301331819	1754' FSL, 2031' FEL	Vernal	
Monument Federal #34-6-9-16Y	Monument Butte	SW SE	34	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74389	43-013-31773	2131' FSL, 1910' FEL	Vernal	
Monument Federal #34-7-9-16Y	Monument Butte	SW SE	7	9S	16E	Duchesne	UT	PND	Green River	UTU-74390	43-013-31772	1957' FSL, 1810' FEL	Vernal	
Monument Federal #34-31-8-18Y	Monument Butte	SWSE	34	8S	18E	Uintah	UT	PND	Green River	UTU-74390	4301331774	660' FSL, 1980' FEL	Vernal	
Monument Federal #41-22-8-17	Monument Butte	NE NE	22	8S	17E	Duchesne	UT	PND	Green River	UTU-74404	4301331803	701' FSL, 2075' FEL	Vernal	
Monument Federal #41-25-8-17	Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	4304732845	636' FSL, 2160' FEL	Vernal	
Monument Federal #41-35-9-18Y	Monument Butte	NE NE	35	9S	18E	Uintah	UT	APRVD	Green River	U-67845	43-013-31827	703' FNL, 759' FEL	Vernal (Private sfc.)	
Monument Federal #42-22-8-17	Monument Butte	SE NE	22	8S	17E	Duchesne	UT	APRVD	Green River	U-68618	43-047-32766	800' FNL, 860' FEL	Vernal	
Monument Federal #42-25-8-17	Monument Butte	SE NE	25	8S	17E	Duchesne	UT	APRVD	Green River	UTU-76240	43-047-32727	500' FNL, 660' FEL	Vernal	Humpback
Monument Federal #43-22-8-17	Monument Butte	NE NE	25	8S	17E	Uintah	UT	APRVD	Green River	UTU-76240	43-013-31826	1930' FNL, 803' FEL	Vernal (Private sfc.)	
Monument Federal #43-31-8-16Y	Monument Butte	NE SE	31	8S	16E	Duchesne	UT	APRVD	Green River	U-67845	43-047-32767	1930' FNL, 803' FEL	Vernal	
Monument Federal #43-31-8-18Y	Monument Butte	NE SE	31	8S	18E	Uintah	UT	APRVD	Green River	UTU-67845	43-013-31813	2174' FSL, 557' FEL	Vernal	
Monument Federal #43-25-8-17	Monument Butte	NE SE	25	8S	17E	Uintah	UT	PND	Green River	UTU-74389	43-013-31815	1980' FSL, 660' FEL	Vernal	
Monument Federal #44-7-9-16Y	Monument Butte	SE SE	7	9S	16E	Duchesne	UT	APRVD	Green River	UTU-74404	4304732844	1764' FSL, 623' FEL	Vernal	
Monument Federal #44-31-8-18Y	Monument Butte	SE SE	31	8S	18E	Uintah	UT	PND	Green River	U-67845	43-047-32768	1973' FSL, 719' FEL	Vernal	
Monument State #41-2-9-17CD	Monument Butte	NE NE	2	9S	17E	Uintah	UT	PND	Green River	U-65969	4301331804	660' FSL, 660' FEL	Vernal	Beluga
Monument State #42-2-9-17CD	Monument Butte	SE NE	2	9S	17E	Uintah	UT	APRVD	Green River	State #ML-45555	4304732728	915' FSL, 759' FEL	Vernal	
										State #ML-45555	42-047-32842	662' FNL, 660' FEL		Castle Draw
												1985' FNL, 660' FEL		Castle Draw

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Nine Mile #14-7

9. API Well No.

43-013-31775

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well

[X] Oil Well [] Gas well [] Other

CONFIDENTIAL

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SW 517' FSL & 1952' FWL

Sec 7 T9S R16E

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

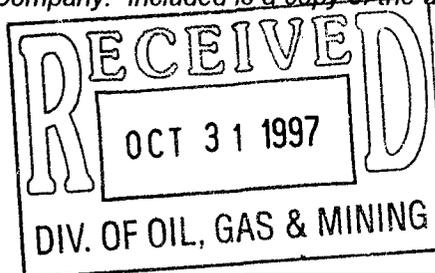
Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other (Amended drilling program), Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, Dispose Water.

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)

Inland Production Company requests to change the name of the Monument Federal #24-7-9-16Y (formerly operated by Equitable Resources Energy Company,) to the Nine Mile #14-7.

The Application For Permit To Drill the above referenced location was approved on February 5, 1997. Please see the attached amended drilling program for Inland Production Company. Included is a copy of the approved APD cover sheet and COA's, for your convenience.

CONFIDENTIAL



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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 10/29/97

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

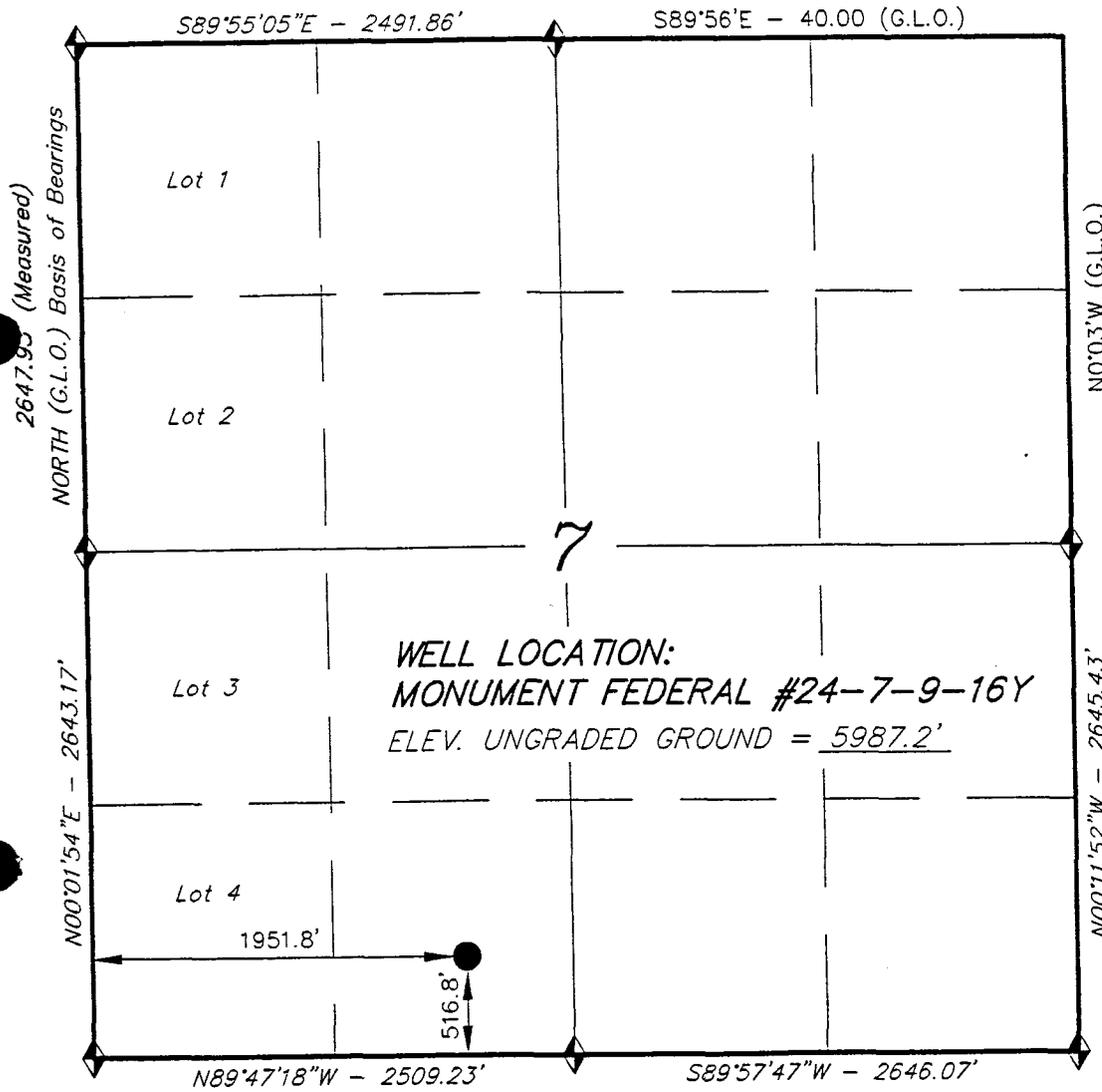
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #24-7-9-16Y, LOCATED AS SHOWN IN THE SE 1/4 SW 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

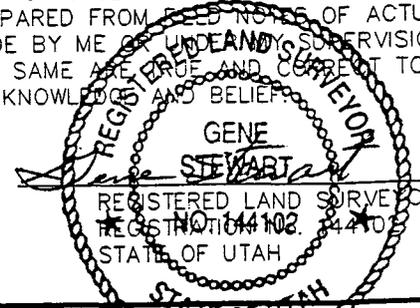


N0°03'W (G.L.O.)
N00°11'52"W - 2645.43'

WELL LOCATION:
MONUMENT FEDERAL #24-7-9-16Y
ELEV. UNGRADED GROUND = 5987.2'



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 AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S.
DATE: 12-15-96	WEATHER: COLD
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

UNITED STATES
DEPARTMENT OF THE INTERIOR **CONFIDENTIAL**
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
 Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 SE SW Section 7, T9S, R16E 517' FSL, 1952' FWL.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 13.1 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED*
 LOCATION TO NEAREST
 PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. 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
 5,750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,987' GL

22. APPROX. DATE WORK WILL START*
 2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

SELF-CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable RESoruces Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

RECEIVED
 JAN 15 1997

ORIGINAL: Bureau of Land Management (Vernal, UT)
 COPY: Utah Division of Oil, Gas and 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 Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY Jerry Kuyper TITLE ACTING Assistant Field Manager Mineral Resources DATE FEB 05 1997
 CONDITIONS OF APPROVAL, IF ANY

CONDITIONS OF APPROVAL ATTACHED **NOTICE OF APPROVAL**

*See Instructions On Reverse Side
 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 Government false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**INLAND PRODUCTION COMPANY
NINE MILE #14-7
SE/SW SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING AND CEMENTING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)

5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

<u>SIZE OF HOLE</u>	<u>SIZE OF CASING</u>	<u>WEIGHT/FOOT</u>	<u>SETTING DEPTH</u>	<u>QUANTITY OF CEMENT</u>
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE – Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4#/sk Flocele

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.5 Gal/sk

LONG STRING: Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed Nine Mile #14-7 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

MUD TYPE

Surface - 320'

Air

320' - 4200'

Air/Mist & Foam

4200' - TD

The well will be drilled with fresh water through the Green River Formation @ 4200' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill. Proposed depth @ 6500'.

**INLAND PRODUCTION COMPANY
NINE MILE #14-7
SE/SW SECTION 7, T9S, R16E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #14-7 located in the SE 1/4 SW 1/4 Section 7, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and the Sand Wash Road; proceed southerly along this road - 1.7 miles to the Wells Draw Road intersection; proceed southwesterly 9.6 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

Approximately 0.2 miles of new access road is proposed.
See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #14-7, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S,R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the west between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the north between stakes 6 & 7.

Access to the well pad will be from the north corner near stake #7.

Corners #2 & #8 will be rounded to avoid excess cut & fill.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

- a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

- b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report has been submitted by Equitable Resource Energy Company and is on file with the Bureau of Land Management.

Additional Surface Stipulations

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

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of Nine Mile #14-7 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #14-7, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (801) 789-1866

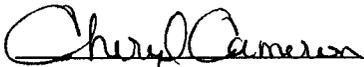
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #14-7 SE/SW Section 7, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/29/97

Date



Cheryl Cameron
Regulatory Compliance Specialist

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 24-7-9-16Y

API Number: 43-013-31775

Lease Number: U-74390

Location: SESW Sec. 7 T. 9S R. 16E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

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 Orders, 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to running the next casing string or requesting plugging orders.** Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable 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.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at ± 1102 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

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.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to ± 902 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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. One copy 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 AO.

6. Notifications of Operations

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 Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

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 approved plan are applicable during all operations conducted with the replacement rig.

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.

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 (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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 AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (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.

7. Other Information

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

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

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 following initial installation and at least quarterly thereafter. The AO 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 Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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 workover 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.

"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 3162.3-2.

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."

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).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne P. Bankert Petroleum Engineer	(801) 789-4170
Ed Forsman Petroleum Engineer	(801) 789-7077
Jerry Kenczka Petroleum Engineer	(801) 789-1190
BLM FAX Machine	(801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units, will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

The reserve pit shall be lined with a synthetic liner that is a minimum of 12 mil thickness with sufficient bedding to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.
2. All surface lines will be either black or brown in color.

3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-Way for this prospective well. See attached map for the pipeline route. The gas line will be a polyurethane surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

EXHIBIT "C"

UTU-7308

Wells Draw Unit

UTU-73087

UTU-64379

UTU-73086

UTU-64379

U-020255

U-020254

UTU-74390

UTU-65207

U-096550

UTU-72107

UTU-64379

U-40894

U-017985

U-096547

UTU-64379

U-52018

UTU-64379

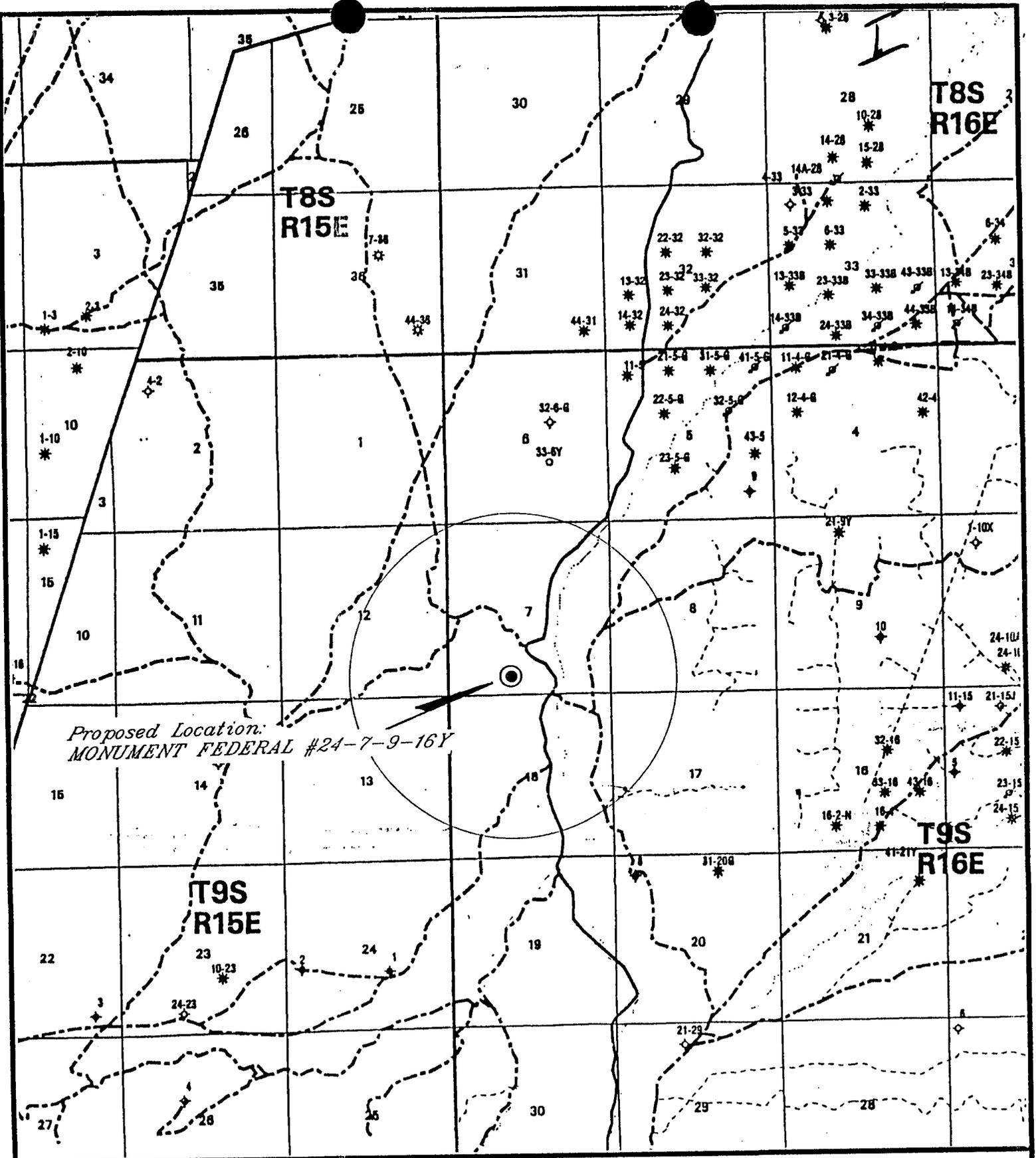
CASTLE
U-1585

NINE
MILE

UTU-74391

UTU-74392

UTU-74392



Proposed Location:
 MONUMENT FEDERAL #24-7-9-16Y

EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #24-7-9-16Y
 SEC. 7, T9S, R16E, S.L.B.&M.
 TOPO "C"

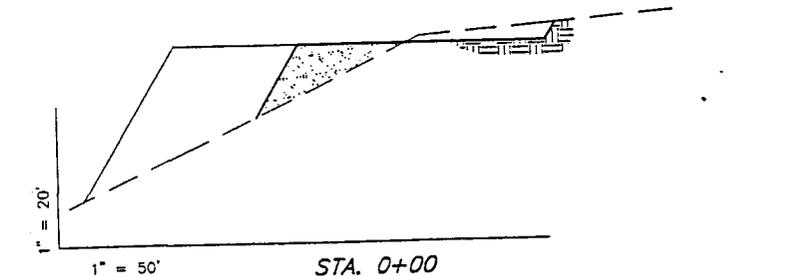
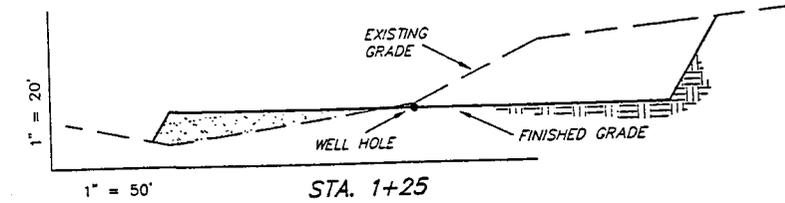
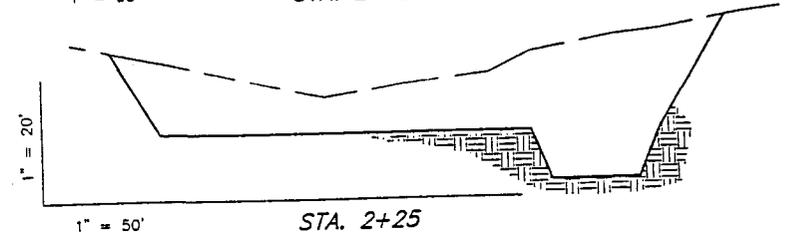
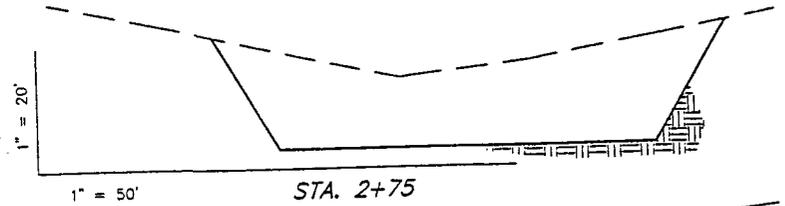
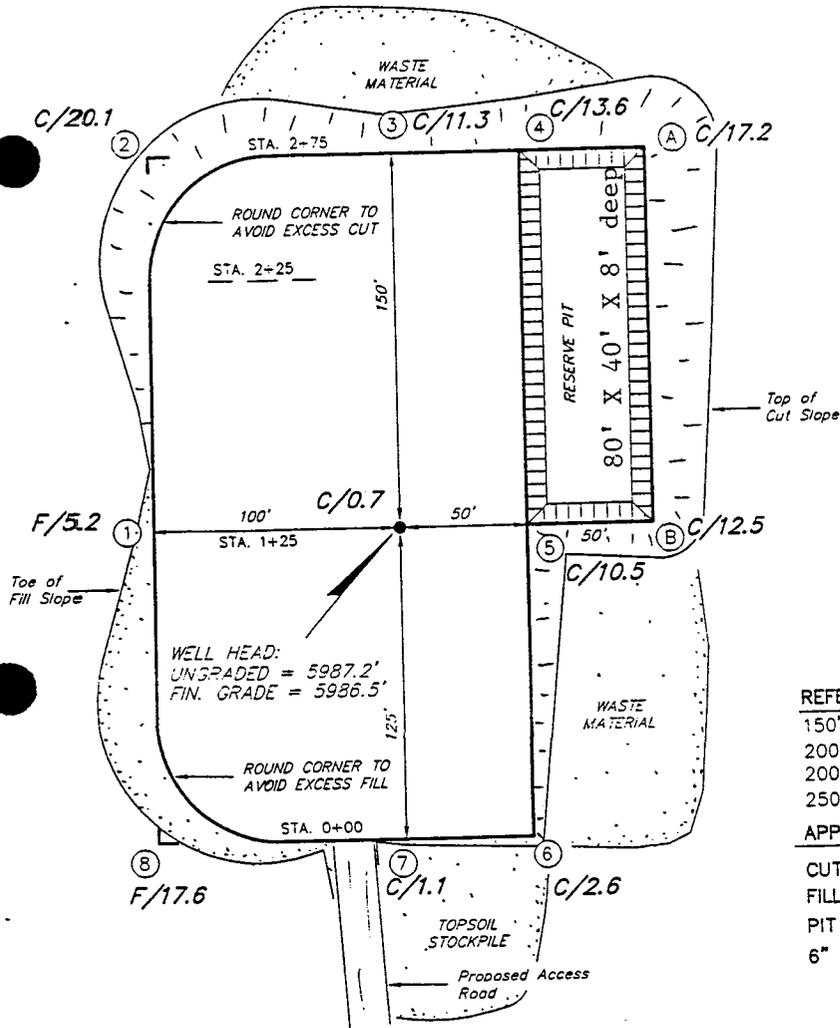


Tri State
 Land Surveying, Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

EQUITABLE RESOURCES ENERGY CO.

**MONUMENT FEDERAL #24-7
SEC. 7, T9S, R16E, S.L.B.&M.**



REFERENCE POINTS

- 150' EAST = 5985.6'
- 200' EAST = 5992.2'
- 200' SOUTH = 6004.6'
- 250' SOUTH = 6015.4'

APPROXIMATE YARDAGES

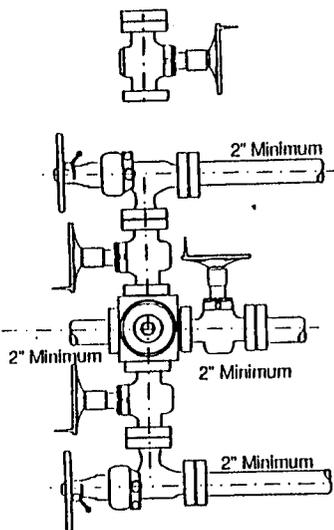
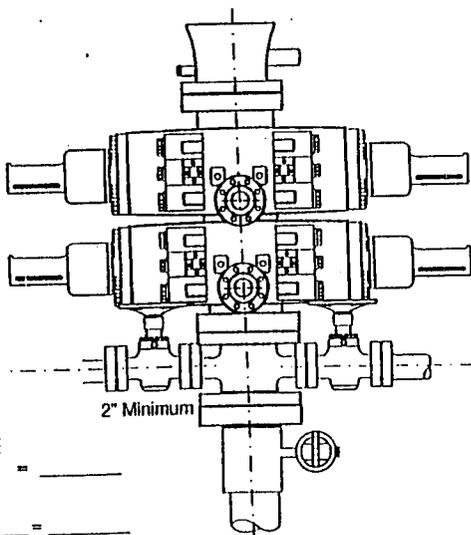
- CUT = 11,040 Cu. Yds.
- FILL = 4,150 Cu. Yds.
- PIT = 1,770 Cu. Yds.
- 6" TOPSOIL = 910 Cu. Yds.

SURVEYED BY: S.S.
DRAWN BY: J.R.S.
DATE: 12-15-96
SCALE: 1" = 50'
FILE:

Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH VERNAL, UTAH 84076

RAM TYPE B.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM



GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____ Gal.
 _____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (801) 781-4400
Fax: (801) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997

Inland Production Company
475 17th Street, Suite 1500
Denver, CO 80202

Re: *43-013-31775 (Nine mile 14-7)*
Well No. Mon. Fed. 24-7-9-16Y
SESW, Sec. 7, T9S, R16E
Lease U-74390
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
Equitable Resources Energy Company
ABO Petro Corp
Myco Industries Inc
Yates Drilling Co.
Yates Petro Corp

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

3. Address and Telephone No.
P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

See Attached

9. API Well No.

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

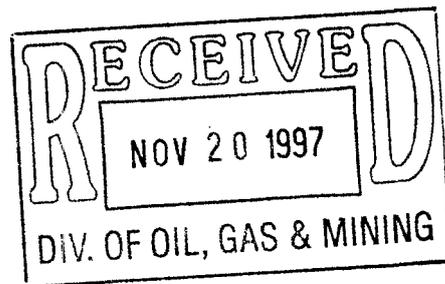
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

Inland Production Company requests authorization to increase the size of the reserve pit(s), from 80' X 40' X 8' deep, to 90' X 40' X 8' deep, in order to help contain fluids in the pits, and to help eliminate traffic around the locations, for the following locations that have been submitted for APD approval, listed on the enclosed attachment.



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

Signed Cheryl Cameron
Cheryl Cameron

Title **Regulatory Compliance Specialist** Date **11/14/97**

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

***See Instruction on Reverse Side**

The following locations were originally permitted for the reserve pit size to be 80' X 40' X 8' deep. Inland requests that the reserve pit (s) be enlarged to 90' X 40' X 8' deep:

<u>Lease No.</u>	<u>Name</u>	<u>Legal Description</u>
U-74390	Nine Mile #14-7	SE/SW Sec. 7, T9S, R16E
U-74390	Nine Mile #15-7	SW/SE Sec. 7, T9S R16E
U-74390	Nine Mile #4-6	NW/NW Sec. 6, T9S, R16E
U-74390	Nine Mile #13-6	SW/SW Sec. 6, T9S, R16E
U-74390	Nine Mile #5-6	SW/NW Sec. 6, T9S, R16E
U-30096	Wells Draw #1-4	NE/NE Sec. 4, T9S, R16E
U-30096	Wells Draw #7-4	SW/NE Sec. 4, T9S R16E
U-30096	Wells Draw #6-4	SE/NW Sec. 4, T9S, R16E
U-47171	Wells Draw #14A-34	SE/SW Sec. 34, T8S, R16E
U-74869	Tar Sands Federal #9-29	NE/SE Sec. 29, T8S R17E
U-76241	Tar Sands Federal #12-28	NW/SW Sec. 28, T8S, R17E
U-76240	Pariette Draw # 8-22	SE/NE Sec. 22, T8S, R17E
U-76240	Pariette Draw #9-22	NE/SE Sec. 22, T8S R17E
U-44426	Jonah #6-7	SE/NW Sec. 7, T9S, R17E
U-44426	Jonah #7-7	SW/NE Sec. 7, T9S, R17E
U-44426	Jonah #8-7	SE/NE Sec. 7, T9S, R17E
U-74805	S. Pleasant Valley #11-15	NE/SW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #5-15	SW/NW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #15-15	SW/SE Sec. 15, T9S R17E
U-34346	Hawkeye #9-23	NE/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #10-23	NW/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #14-23	SE/SW Sec. 23, T8S, R16E

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-DEC ✓	6-DEC ✓
2-GLH	7-KAS cont.
3-DESDS	8-ST
4-VLD ✓	9-FILE
5-JRB ✓	

- Change of Operator (well sold)
- Designation of Operator
- Designation of Agent
- Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&G SVS</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(801)722-5103</u>	Phone:	<u>(406)628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>A2-D13-31775</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Reg. 11-24-97) (Rec'd 12-10-97)
- Sec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 10-20-97)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Sec 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (11-24-97)
- Sec 6. Cardex file has been updated for each well listed above. (11-24-97)
- Sec 7. Well file labels have been updated for each well listed above. (11-24-97)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (11-24-97)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 12/2/97 19 , of their responsibility to notify all interest owners of this change.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Today's date: 4-30-98.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

971124 Blm/Veinal Apr. 11-10-97



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM: Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*

4/2/98

United States Department of the Interior



BUREAU OF LAND MANAGEMENT

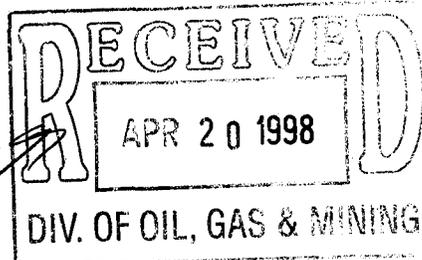
Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:
3162
UT08300

April 6, 1998

DOGMS
'LA'
DATA



Inland Production Company
Attn: Cheryl Cameron
P O Box 790233
Vernal UT 84079

Re: Notification of Expiration
Well No. Nine Mile 14-7 43-013-31775
Section 7, T9S, R16E
Lease No. U-74390
Duchesne County, Utah

Dear Cheryl:

The Application for Permit to Drill the above-referenced well was approved on February 5, 1997. Since that date, no known activity has transpired at the approved location. Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is notifying you the approval of the referenced application has expired. 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,

Margie Herrmann

Margie Herrmann
Legal Instruments Examiner

cc: State Div. OG&M



RESOURCES INC.

April 21, 1998

*DUGAN
DATE
DATE*

RECEIVED
APR 24 1998
DIV. OF OIL, GAS & MINING

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

ATTENTION: Margie Herrmann

*Laid 4/20/98
per BLM
Rescind letter
dated 4/6/98*

RE: Ashley Federal 9-23
Sec. 23, T9S, R15E *43-013-31672*
Lease No. U-02458

O.K. Corral 4-28 *43-047-32736*
Sec. 28, T9S, R18E
Lease No. U-19267

Nine Mile 14-7
Sec. 7, T9S, R16E
Lease No. U-74390
43-013-31775

S. Pleasant Valley 4-29
Sec. 29, T9S, R17E
Lease No. U-11385 *43-013-31609*

Dear Margie:

The Application(s) for Permit to Drill, on the above referenced locations, have all expired, and Inland Production Company is confirming that there has been no surface disturbance associated with any of these locations. A new Application for Permit to Drill will be submitted for these locations, at a later date.

Please contact me in the Vernal Branch office (435) 789-1866, if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

State of Utah
Division of Oil Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801