

UTAH OIL AND GAS CONSERVATION COMMISSION

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

9-29-84 TA'd in order to get on TAD & remove from drilling - per map reports \*  
 950718 ft ckm. to Equitable EFF 5-22-95: 960401 Oper. Nrm. Chg.  
 APPROVED RE-ENTRY; Well Name Change & FTGS  
 960588 Shut-in waiting on inspection per WCR REC'd

DATE FILED 11-21-85 ~~NOVEMBER~~ DECEMBER 1, 1995

LAND: FEE & PATENTED STATE LEASE NO. MI. 3453 B PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 12-3-85 - OIL ~~NOVEMBER~~ JANUARY 3, 1996

SPOUDED IN: 12-9-85 ~~NOVEMBER~~ FEBRUARY 17, 1996

COMPLETED: TA \* PUT TO PRODUCING 5.16.96 80W

INITIAL PRODUCTION:  
 GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 4490 - 5301' ARRV

TOTAL DEPTH: 5600'

WELL ELEVATION: 5273' KB

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. STATE 16-~~MONUMENT STATE~~ 22-16-9-17B API #43-013-31145

LOCATION 1827' FNL FT. FROM (N) (S) LINE. 1981' FWL FT. FROM (E) (W) LINE. SE NW 1/4 - 1/4 SEC. 16

~~1824' FNL~~

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	16	Equitable Resources

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgait Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Horse Bench SS 1325</i>	Dakota	Park City	McCracken
<i>2nd Garden Mkr 2017</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>Yellow Mkr 3039</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>Domias Creek 4249</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>2nd Domias Creek 4409</i>	JURASSIC	CARBON I FEROUS	North Point
<i>Green Mkr 4039</i>	Morrison	Pennsylvanian	SILURIAN
<i>Black Shale 4744</i>	Salt Wash	Oquirrh	Laketown Dolomite
<i>Carbonate 5059</i>	San Rafael Gr.	Weber	ORDOVICIAN
	Summerville	Morgan	Eureka Quartzite
Flagstaff	Bluff Sandstone	Hermosa	Pogonip Limestone
North Horn	Curtis		CAMBRIAN
Almy	Entrada	Pardox	Lynch
Paleocene	Moab Tongue	Ismay	Bowman
Current Creek	Carmel	Desert Creek	Tapeats
North Horn	Glen Canyon Gr.	Akah	Ophir
CRETACEOUS	Navajo	Barker Creek	Tintic
Montana	Kayenta		PRE - CAMBRIAN
Mesaverde	Wingate	Cane Creek	
Price River	TRIASSIC		
Blackhawk			

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML 3453 B

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single

Multiple

8. Farm or Lease Name

2. Name of Operator

CKM Resources

9. Well No.

State #16-6

3. Address of Operator

2334 Sugarloaf Lane, Sandy, Utah 84092

10. Field and Pool, or Wildcat

Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

1981' FWL 1827' FNL, SE 1/4 NW 1/4 Section 16

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 16, T9S, R17E, SLM

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

Approximately 12 miles from Myton, Utah

12. County or Parrish

Duchesne

13. State

Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

833' diag.

16. No. of acres in lease

560

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.

1161'

19. Proposed depth

6,000'

*Vertical*

20. Rotary or cable tools

rotary

21. Elevations (Show whether DF, RT, GR, etc.)

natural ground elevation 5268'

22. Approx. date work will start\*

December 20, 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	24#	300'	to surface
7 7/8"	5 1/2"	17#	TD	as required

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 12/3/85

BY John R. Buser  
WELL SPACING: C-3/B

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

*John R. Buser*

801-942-6364

Title

Vice President

Date

Nov 21, 1985

(This space for Federal or State office use)

Permit No.

43-013-31145

Approval Date

Approved by

Title

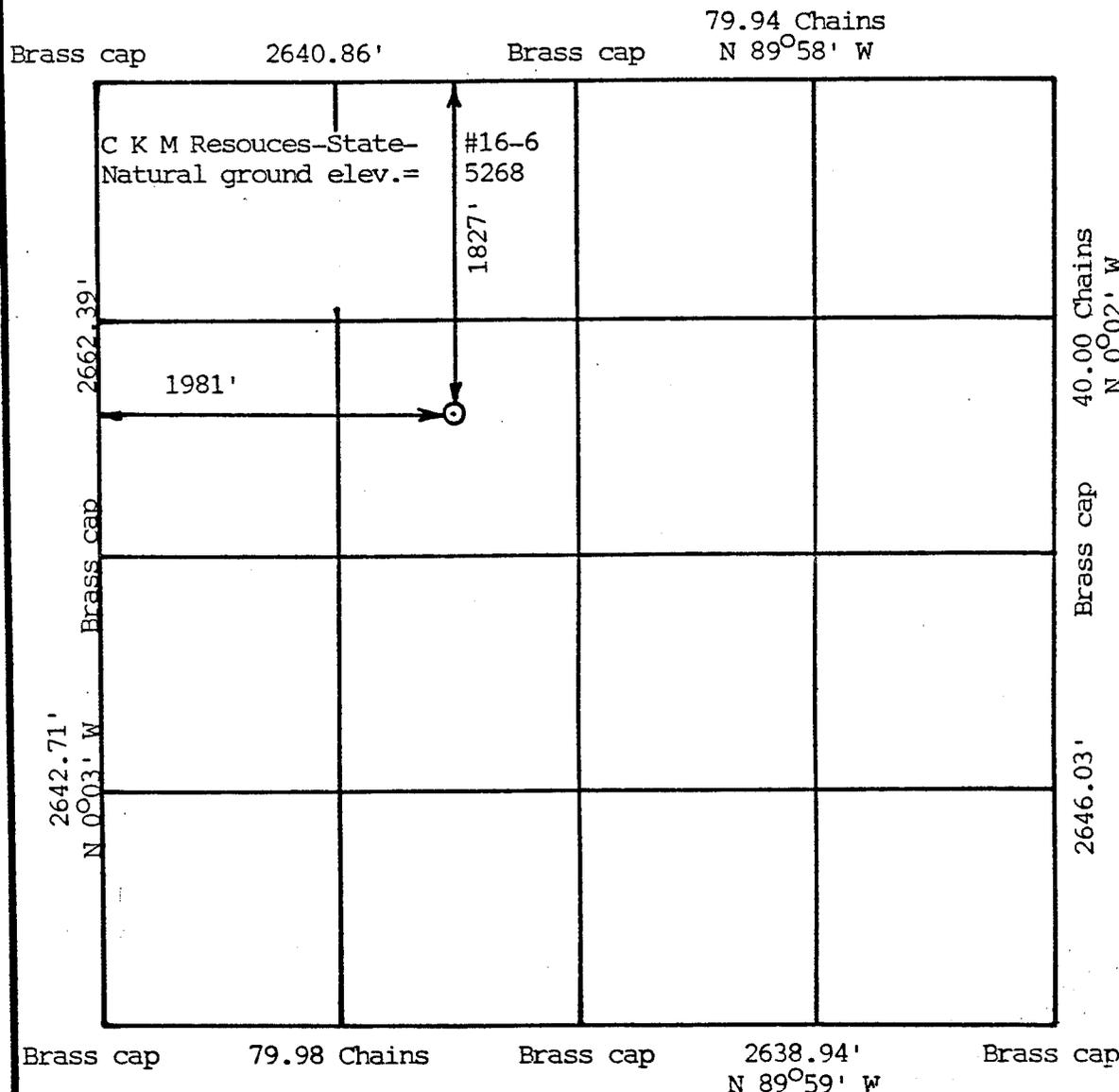
Date

Conditions of approval, if any:

SECTION 16  
 TOWNSHIP 9 SOUTH, RANGE 17 EAST  
 SALT LAKE BASE AND MERIDIAN  
 DUCHESNE COUNTY, UTAH

C K M RESOURCES

WELL LOCATION: S.E.¼, N.W.¼



SCALE 1"=1000'

SURVEYOR'S CERTIFICATE

I, Clinton S. Peatross, Duchesne, Utah, do hereby certify that I am a Registered Land Surveyor, and that I hold License No. 4779, as prescribed by the laws of the state of Utah, and that I have made a survey of the oil well location, as shown on this plat.

11/13/85  
 Date

Clinton S. Peatross  
 Clinton S. Peatross  
 License No. 4779 (Utah)



Section data obtained from G.L.O. plat.  
 Job #322

EXHIBIT C.

ONSITE PREDRILL INSPECTION FORM

COMPANY CKM Resources WELL NO. 16-6

LOCATION: SECTION 16 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

LEASE NO. ML-34538 ONSITE INSPECTION DATE 11-22-85

(A) PERSONS IN ATTENDANCE No other, all declined to attend including the operator

(B) SURFACE FORMATION AND CHARACTERISTICS sandy clayey silt of the Uinta Fm.

(C) BRIEF DESCRIPTION OF VEGETATION sparse low brush and sage

(D) ARCHAEOLOGICAL CLEARANCE: YES OR NO Y

(E) DESCRIPTION OF TOPOGRAPHY (drainages, slope, roads, etc.) Large drainage going E-W just south of site; small drainages going through site to south.

(F) CONDITIONS FOR APPROVAL:

PIT LINING (YES OR NO) No.

TYPE OF LINING IF NEEDED NA

ADDITIONAL REQUIREMENTS Notice of pad construction date; divert small drainages around pad; Tank facilities will have spill containment dikes and fire walls; keep Reserve pit atop drainage to south. Rehab reserve pit and place emergency pit to East.

SIGNATURE: William Moore

TITLE Inspector, DOGM

CKM RESOURCES, Inc,

Well Program

for  
State #16- 6

located in

Sec. 16, T9S, R17E, S1M

Duchesne County, Utah

CKM Resources, Inc.  
2334 Sugarloaf Lane  
Sandy, Utah 84092

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT-GEOLOGIC MARKERS:

Uinta	Surface
Green River	1250'
Douglas Creek	4350'
Wasatch	5750'

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

Green River Formation  
Wasatch Formation

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'  
5 1/2", J-55, 17#; set at TD  
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator will require the equivalent to a 10" series 900 Hydrill bag type BOP and a 10" double ram hydraulic unit with a closing unit or better. Pressure tests of the BOP's to 1000# will be made prior to drilling surface plug and operations will be checked daily (see exhibit A).

6. TYPE AND CHARACTERISTICS OF PROPOSED CIRCULATION MUDS:

The drilling program anticipates using fresh water to the Douglas Creek zone of the Green River Formation and mud thereafter. The mud system will be a water based gelchemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILLIARY SAFETY EQUIPMENT TO BE USED:

Auxilliary safety equipment will be a Kelly cock, bit float and a T.I.W. valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

Logging will consist of a Dual Induction Laterolog and a Compensated Neutron-formation Density. No coring or drill stem testing is planned.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

Based on extensive drilling in this area, it is not anticipated that any abnormal pressures or temperatures will be encountered. No H<sub>2</sub>S gas or other abnormal hazards are expected to be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence about December 1985 and will be of approximately 30 days duration.

11. WATER UTILIZATION:

The program will utilize a local water hauler during operations to transport water to the site. A specific water permit will be obtained prior to spudding. A contingency permit available for use is Target Trucking's permit Nr. 43-9512(A59731).

12. ARCHEOLOGICAL CONSTRAINTS:

An archeological evaluation has been conducted of the drilling site and access route and a recommendation for a cultural resource clearance has been made by the investigator (see exhibit B).

13. SITE LOCATION AND ACCESS:

A qualified surveyor has located and staked the drill hole and an access route from an existing road bordering the northern boundary of the 40 acre drill site (see exhibit C).

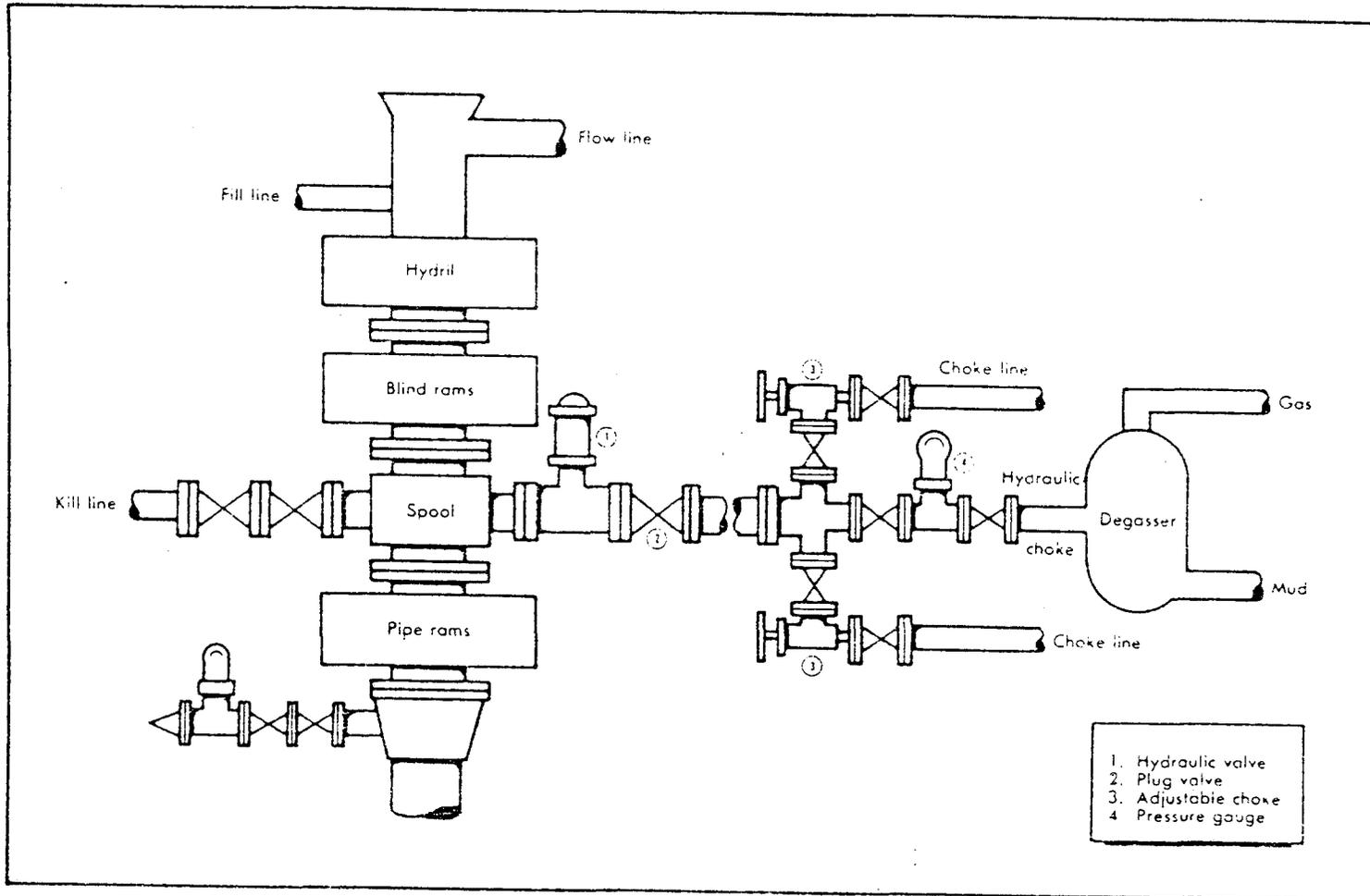
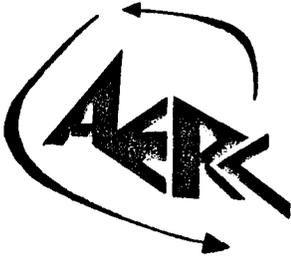


FIG. A2-1. Pressure control equipment

Exhibit A



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010  
Tel: (801) 292-7061, 292-9668

November 18, 1985

**Subject:** Cultural Resource Evaluation of Proposed Pariette  
Bench Unit No. 16-6 in the Pariette Bench Locality  
of Duchesne County, Utah

**Project:** CKM Resources - 1985 Drilling Program

**Project No.:** CKMR-85-1

**Project Authorization No.:** U-85-AF-709s

**To:** Mr. Dean Power, CKM Resources, 2334 Sugarloaf Lane,  
Sandy, Utah 84092

Antiquities Section, Division of State History,  
300 Rio Grande, Salt Lake City, Utah 84101

**Info:** Mr. Lloyd Ferguson, District Manager, Bureau of  
Land Management, 170 South 500 East, Vernal, Utah  
84078

#### GENERAL INFORMATION:

On November 14, 1985, F. R. Hauck of AERC conducted an intensive evaluation of the proposed CKM Resource Well Unit No. 16-6 and access route in the Pariette Bench locality of Duchesne County, Utah. The well location and its access route are on Utah State land in the NW $\frac{1}{4}$  of Section 16, Township 9 South, Range 17 East, Salt Lake B&M.

Prior to initiating the examination, a records search was conducted in the Vernal office of the Bureau of Land Management to determine whether any known prehistoric or historic cultural resources of significance were located in the immediate vicinity of the proposed well. Upon returning to Salt Lake City after the completion of the field survey, a similar check was conducted at the Antiquities Section of the Utah Division of State History. No known cultural resources were determined to be in the vicinity of the project nor will any National Register properties be affected by the proposed development.

The project area is situated about 15 miles to the south of Myton, Utah, in an east-west drainage on the Pariette Bench. The locality is characterized by a saltbush-rabbitbush community supported by sparse clay-loam soils containing numerous thin-bedded sandstone outcrops. There are no aeolian deposits in the project area. Drainage is intermittent and to the east-northeast via a tributary of Castle Peak Draw. The elevation of the project area is between 5210 and 5310 feet above sea level.

To conduct the evaluation, the archeologist walked a series of 15 meter wide concentric transects about the staked well center expanding outward to a radius of about 70 meters. Double parallel transects were walked flanking the staked center line of the access route covering a corridor of 30 meters in width.

#### RESULTS:

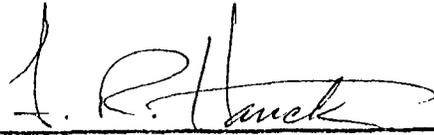
No cultural resource materials or activity loci of any

historic or prehistoric period were observed or recorded during the examination.

CONCLUSION AND RECOMMENDATIONS:

AERC recommends that a cultural resource clearance be granted to CKM Resources for the proposed development based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, and construction should be confined to the locations examined and to the evaluated access roads.
2. All personnel should refrain from collecting artifacts or from disturbing any cultural resources in the area.
3. A qualified archeologist or official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

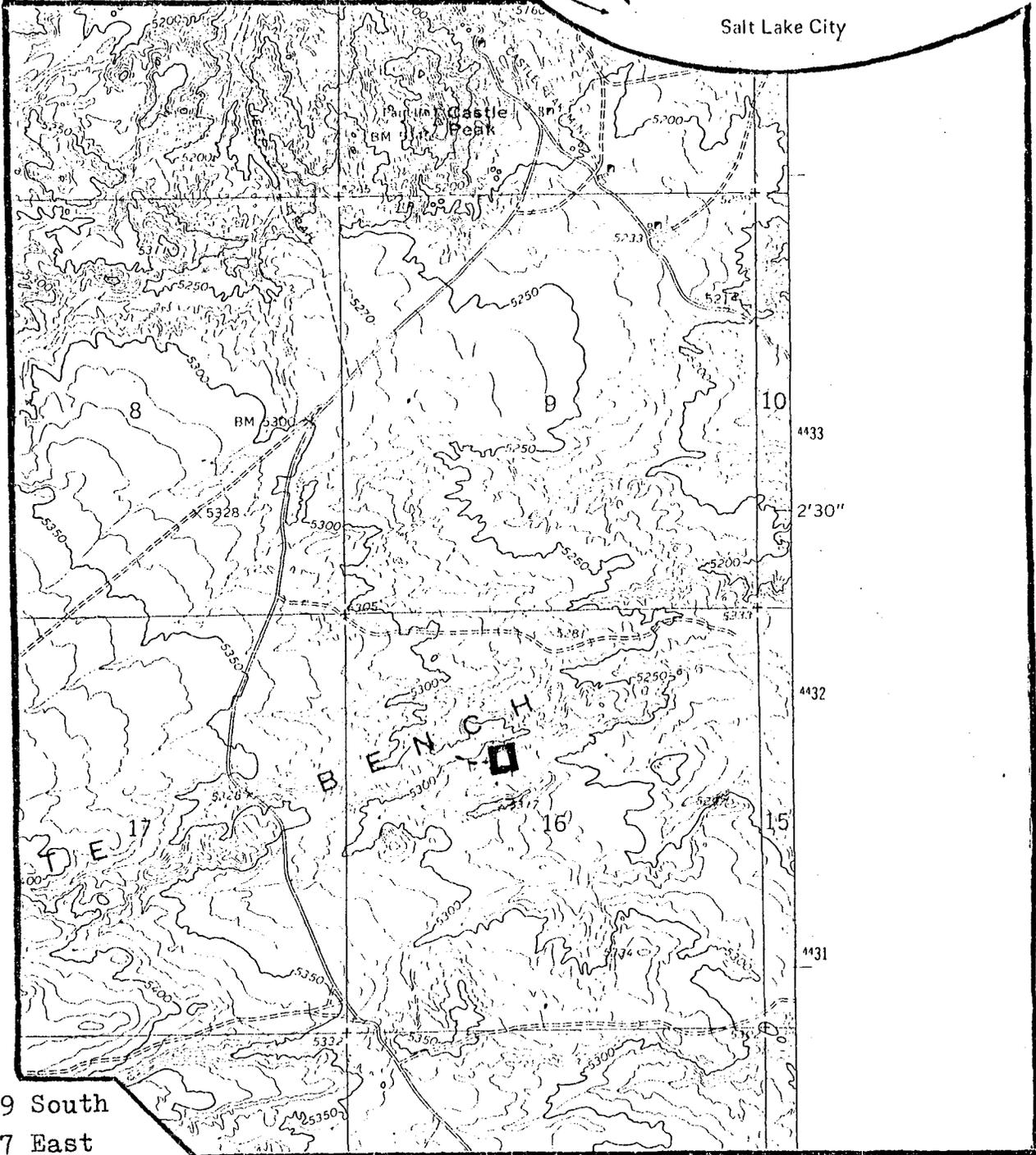


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F. R. Hauck, Ph.D.  
Principal Investigator



Salt Lake City



T. 9 South  
R. 17 East

Meridian: Salt Lake B. & M.

Quad:  
Myton SE, Utah  
7.5 minute-USGS

Project: CKMR-85-1  
Series: Unita Basin  
Date: 11-18-85  
Cultural Resource Survey  
of Proposed Well Location  
No. 16-6 in the Pariette  
Bench Locality of Duchesne  
County

Legend:  
Well Location   
Access Route



2.64" = 1 mile  
Scale

OPERATOR CKM Resources DATE 11-26-85

WELL NAME State 16-6

SEC SE NW 16 T 9S R 17E COUNTY Dushane

43-013-31145  
API NUMBER

State -  
TYPE OF LEASE

CHECK OFF:

- PLAT
- BOND
- NEAREST WELL
- LEASE
- FIELD
- POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'

Need water permit

State History OK - per LaMar Lindsay 11/23/85

APPROVAL LETTER:

- SPACING:  A-3 \_\_\_\_\_ UNIT  C-3-a \_\_\_\_\_ CAUSE NO. & DATE
- C-3-b  C-3-c

STIPULATIONS:

- 1- Water
- 2- The operator shall notify William Moore, Oil & Gas Field Specialist at the Division office within 24 hrs. of beginning construction of the well pad.
- 3- The location shall be diked or trenched and drainages shall be diverted to prevent any influent to or effluent from the well pad.
4. The placement of the reserve pit shall avoid the small natural drainage to the south of the staked location.

OPERATOR CKM Resources DATE 11-26-85

WELL NAME State 16-6

SEC SE NW 16 T 9S R 17E COUNTY Bushland

43-013-31145  
API NUMBER

State -  
TYPE OF LEASE

CHECK OFF:

PLAT

ROAD

NEAREST WELL

LEASE

8/16/88

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well in  
need water perm  
State History ok -

John -  
Should this have  
a follow-up letter?

U.

APPROVAL LETTER:

AWS,

SPACING:

A-3

U

We cannot require the  
operator do anything more.

& DATE

C-3-b

It is up to State Lands  
to decide whether operator  
is diligently developing lease  
or not. This is one for

STIPULATIONS:

- 1- Water
- 2- The operator  
Gas Field Sp  
24 hrs. of bc
- 3- The location shall be diked or trenched and drainages  
shall be diverted to prevent any influent to or  
effluent from the well pad.
- 4. The placement of the reserve pit shall avoid  
the small natural drainage to the south of the  
staked location.

the Well Review Committee. Oil &  
- JRB within  
of one well pad.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

December 3, 1985

CKM Resources  
2334 Sugarloaf Lane  
Sandy, Utah 84092

Gentlemen:

Re: Well No. State 16-6 - SE NW Sec. 16, T. 9S, R. 17E  
1827' FNL, 1981' FWL - Duchesne County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. The operator shall notify William Moore, Oil and Gas Specialist at the Division office within 24 hours of beginning construction of the well pad.
3. The location shall be diked or trenched and drainages shall be diverted to prevent any influent to or effluent from the well pad.
4. The placement of the reserve pit shall avoid the small natural drainage to the south of the staked location.

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

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

Page 2  
CKM Resources  
Well No. State 16-6  
December 3, 1985

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31145.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: State Lands  
Branch of Fluid Minerals

# FILING FOR WATER IN THE STATE OF UTAH

## APPLICATION TO APPROPRIATE WATER

Rec. by \_\_\_\_\_  
 Fee rec. \_\_\_\_\_  
 Platted \_\_\_\_\_  
 Microfilmed \_\_\_\_\_  
 Roll no. \_\_\_\_\_

For the purpose of acquiring the right to use a portion of the unappropriated water of the state of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the laws of Utah.

**WATER USER'S CLAIM NO. 43 - 5218**

**APPLICATION NO. T61412**

**1. PRIORITY OF RIGHT:** December 4, 1985

**FILING DATE:** December 4, 1985

**2. OWNER INFORMATION**

Name: C.K.M. Resources  
 Address: 2334 Sugarloaf Lane, Sandy, UT 84092

**3. QUANTITY OF WATER** 10.0 acre feet (Ac. Ft.)

**4. SOURCE:** Duchesne River

**DRAINAGE:** Duchesne River

**POINT(S) OF DIVERSION:**

**COUNTY:** Duchesne

(1) S. 200 feet, E. 1000 feet, from the NW Corner of Section 25,  
 Township 3 S, Range 2 W, USM

Description of Diverting Works: Pump and Tank truck

**COMMON DESCRIPTION:** .5 Miles East of Myton

**5. NATURE AND PERIOD OF USE**

Oil Recovery: From December 1, 1985 to November 30, 1986

**6. PURPOSE AND EXTENT OF USE**

Oil Recovery: Oil well drilling and completion

**7. PLACE OF USE**

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter				
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
9 S 17 E 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

**EXPLANATORY**

Water to be used for oil well drilling and completion of the State 16-6 well

11

\*\*\*\*\*

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.  
\*\*\*\*\*

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.  
\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

*Dean M. Pover*  
Signature of Applicant

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API 43-013-31145

NAME OF COMPANY: CKM Resources

WELL NAME: State 16-6

SECTION SE NW 16 TOWNSHIP 9S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR Leon Ross

RIG # \_\_\_\_\_

SPUDDED: DATE 12-9-85

TIME 4:00 PM

HOW Dry Hole Digger

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Dean Power

TELEPHONE # 942-6364

DATE 12-10-85 SIGNED DJ

EXPRESS MAIL ROUTING SLIP

PAM  
TAMI  
VICKY  
CLAUDIA  
STEPHANE  
CHARLES  
RULA  
MARY ALICE  
CONNIE  
MILLIE

2-13	9:00	
1-13	10:00	
	10:25	UC
2-13	12:17	Cj
2-14	8:35	0
CA 2-13	10:39	
RM 2-14	9:40	
MAP 2-14	10:43	
CO 2-14	10:53	
MS	11:04	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML 3453 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. UNIT AGREEMENT NAME

1. OIL WELL  GAS WELL  OTHER

RECEIVED

8. FARM OR LEASE NAME

2. NAME OF OPERATOR  
CKM Resources, Inc.

9. WELL NO.  
State 16-6

3. ADDRESS OF OPERATOR  
2334 Sugarloaf Lane, Sandy, Utah 84092

JAN 06 1986

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1981 ft FWL 1827 ft FNL SE 1/4 NW 1/4 Sec 16,

DIVISION OF OIL  
GAS & MINING

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 16, T9S R17E SLM

14. PERMIT NO.  
43-013-31145

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5268' GL

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Drilling Progress</u> <input checked="" type="checkbox"/>	

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

17. 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.)\*

Location construction started on 4 Dec 1985.

Spudded in on 9 Dec 1985. Set 8-5/8", 24# casing at 300' BKB. Cemented with 185 sks class G cement with good returns of cement to surface.

On 31 Dec 1985, waiting on cement, weather and final location prep before rigging up.

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

SIGNED Dean Power TITLE V.P. DATE 3 Jan 1986

(This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SEE INSTRUCTIONS ON  
REVERSE SIDE

5. LEASE DESIGNATION AND SERIAL NO.

ML 3453 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
CKM RESOURCES, INC.

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR  
2334 SUGARLOAF LANE

9. WELL NO.

STATE 16-6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

10. FIELD AND POOL, OR WILDCAT

Monument Butte

1981 ft FWL 1827 ft FWL SE 1/4 NW 1/4 Sec 16

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

Sec 16 T9S R17E S1M

14. PERMIT NO.  
43-013-31145

15. ELEVATIONS (Show whether DR, RT, OR, etc.)  
5268' GL

12. COUNTY OR PARISH 13. STATE  
DUCHESSNE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) DRILLING PROGRESS

(Other)

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

17. 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.)\*

WAITING ON RIG AND WEATHER - SURFACE CASING SET @ 300' KB

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

SIGNED Dean M Power

TITLE V. P.

DATE 3 Feb 86

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

URL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML 3453 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
CKM RESOURCES INC

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR  
2334 SUGARLOAF LANE, SANDY, UTAH 84092

9. WELL NO.

STATE 16-6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

1981' FWL 1827' FNL SE 1/4 NW 1/4 SEC 16

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

SEC 16, T 9S, R 17E SLM

14. PERMIT NO.

43-013-31145

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

5268' GL

12. COUNTY OR PARISH

DUCHESSNE

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) DRILLING PROGRESS   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. 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.)\*

WAITING ON RIG -

RECEIVED  
MAR 07 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Dean Power

TITLE V.P.

DATE 6 MAR 1986

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS

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

RECEIVED  
APR 08 1986

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 3453 B
2. NAME OF OPERATOR CKM RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2334 SUGARLOAF LANE, SANDY UTAH 84092		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FWL 1827' FNL SE 1/4 NW 1/4 SEC 16		8. FARM OR LEASE NAME
14. PERMIT NO. 43-013-31145	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5268 GL	9. WELL NO. STATE 16-6
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA S 16, T 9 S, R 17 E, S 4 M
		12. COUNTY OR PARISH DUCHESSNE
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) DRILLING PROGRESS <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)\*

WAITING ON RIG

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

SIGNED Dean A Power TITLE V.P. DATE 7 APRIL 1986

(This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 3453 B
2. NAME OF OPERATOR CKM RESOURCES		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2334 SUGARLOAF LANE SANDY, UTAH 84092		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FWL 1827' FNL SE 1/4 NW 1/4 SEC 16		8. FARM OR LEASE NAME
14. PERMIT NO. H3-013-31145	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5268 GL	9. WELL NO. STATE 16-6
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S16, T9S, R17E, SLM
		12. COUNTY OR PARISH   13. STATE DUCHESSNE   UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) DRILLING PROGRESS <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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WAITING ON RIG

RECEIVED  
MAY 12 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED Dean D. Power TITLE V. P. DATE 9 MAY 1986

(This space for Federal or State office use)

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

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
*CKM RESOURCES, INC*

3. ADDRESS OF OPERATOR  
*2334 SUGARLOAF LANE, SANDY, UTAH 84092*

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
*1981' FWL 1827' FNL SE 1/4 NW 1/4 SEC 16*

14. PERMIT NO.  
*43-D13-31145*

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
*5268 GL*

5. LEASE DESIGNATION AND SERIAL NO.  
*ML 3453 B*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.  
*STATE 16-6*

10. FIELD AND POOL, OR WILDCAT  
*MONUMENT BUTTE*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*S16, T9S, R17E, S1M*

12. COUNTY OR PARISH  
*DUCHESSNE*

13. STATE  
*UTAH*

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <i>DRILLING PROGRESS</i> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)\*  
*WAITING ON RIG*

RECEIVED  
JUN 05 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED *Dale Power* TITLE *V.P.* DATE *4 JUNE 1986*

(This space for Federal or State office use)

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

# CKM RESOURCES, INC.

OIL • GAS • OIL SHALE • EXPLORATION & PRODUCTION

COLORADO

UTAH  
2334 Sugarloaf Lane  
Sandy, Utah 84092  
(801) 942-6364

NEVADA

Nov. 5, 1986

Utah Oil and Gas Div.  
Triad Center  
Salt Lake City, Utah

Dear sirs:

We herewith submit a request for a one year extension of the drilling permit for the 16-6 located in the SE $\frac{1}{4}$  NW $\frac{1}{4}$  sec 16, T9S, R17E of Duchesne County, Utah; lease ML3453B permit no. 43-013-31145. We believe this extension will be beneficial to all parties including the state of Utah since its completion will provide tax and royalty revenue to the state and will further serve to maintain the viability a tax paying entity, namely CKM Resources.

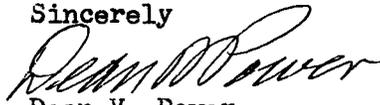
The necessity of an extension has been brought about by two extraordinary circumstances;

- 1) After initiating drilling in Nov 1985, CKM was informed by a major working interest owner that they were near bankruptcy and could not provide drilling funds as agreed to in their contract. Work was suspended until additional funding could be secured.
- 2) Shortly thereafter the world oil market plummeted causing a severe decline in investor interest. Additionally, the tax law changes contributed to this decline in interest.

CKM has not abandoned plans to complete the well but does need additional time to raise the needed capital. Because CKM has other revenue, it is planned to accumulate the necessary funds internally if necessary over the next 6 months. CKM also is hopeful of locating some year end money from investors looking to invest before years end. CKM anticipates that the one year extension will provide sufficient time to complete the well.

Thank you for your consideration.

Sincerely



Dean V. Power  
Vice President

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 3453 B	
2. NAME OF OPERATOR CKM Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 2334 Sugarloaf Lane, Sandy, Utah 84092		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FWL 1827' FNL SE 1/4 NW 1/4 Sec 16		8. FARM OR LEASE NAME	
14. PERMIT NO. 43-013-31145		9. WELL NO. State 16-6	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5268 GL		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16 T9S R17E S1M	
		12. COUNTY OR PARISH	18. STATE

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Drilling Progress</u> <input checked="" type="checkbox"/>	

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

17. 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.)\*

Location, road, and pit completed, well drilled to 300 ft and casing set and cemented to surface. Waiting on funding for rig to complete well.

A request is hereby made (see attached explanation) for a one year extension of the drilling permit to allow successful completion of the well.

*Well already spudded - 12-9-85.*

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

SIGNED *Dean Power* TITLE Vice President DATE Nov 5, 1986

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 11-18-86  
BY: *John R. Day*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

43.013.21145

Dr/g.

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

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

111823

November 18, 1986

Mr. Dean Power  
CKM Resources  
2334 Sugarloaf Lane  
Sandy, Utah 84092

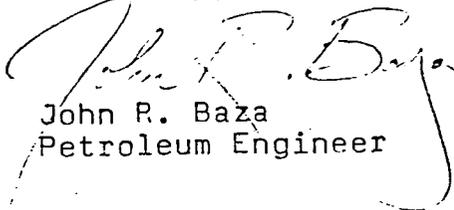
Dear Mr. Power:

RE: Wells in Sec.16, T.9S, R.17E, Duchesne County, Utah

The following is a list of the actions requested by the Division of Oil, Gas and Mining for the wells operated by your company in the referenced township. These actions will help eliminate the potential fire hazard and pollution control problems caused by poor housekeeping on the individual leases.

- State #16-2, - Remove trash and rusted pipes.
- State #16-3, - Clean-up oil spills and barrels around pump jack, remove trash.
- State #16-4, - Clean-up oil spills and barrels around pump jack, remove trash.
- State #16-5, - Clean-up oil spill near tank battery, remove trash from production pit and location.
- State #16-6, - Put up fence around reserve pit, remove plastic bucket from top of surface casing and properly cap.

Sincerely,

  
John R. Baza  
Petroleum Engineer

ED/sh  
cc: D.R.Nielson  
R.J.Firth  
Well files  
0181T-10

# FILING FOR WATER IN THE STATE OF UTAH

MAR 1 9 1987  
28

Rec. by DLT  
 Fee Paid \$ 15.00  
 Platted Receipt # 21975  
 Microfilmed \_\_\_\_\_  
 Roll # \_\_\_\_\_

## APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

**RECEIVED**  
APR 07 1987

WATER USER CLAIM NO. 43 - 9970

APPLICATION NO. T62358

**DIVISION OF**

1. PRIORITY OF RIGHT: March 19, 1987 **OIL, GAS & MINING** FILING DATE: March 19, 1987

2. OWNER INFORMATION

Name: C.K.M. Resources Interest: 100 %  
 Address: 2334 Sugarloaf Land, Sandy, UT 84092  
 The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 10.0 acre feet (Ac. Ft.)

4. SOURCE: Duchesne River DRAINAGE: Duchesne River COUNTY: Duchesne  
POINT(S) OF DIVERSION:  
 (1) S. 200 feet, E. 1000 feet, from the NW Corner of Section 25,  
 Township 3 S, Range 2 W, USM  
 Description of Diverting Works: Pumped into tank trucks  
COMMON DESCRIPTION: .5 Miles East of Myton

5. NATURE AND PERIOD OF USE

Oil Recovery: From March 19 to March 19.

43-013-31145-01

6. PURPOSE AND EXTENT OF USE

Oil Recovery: Drilling and completion of State 16-6 well

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN RANGE SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
9 S 17 E 16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

All locations in Salt Lake Base and Meridian

EXPLANATORY

Diversion is on road right-of-way, water uses will be from 3/19/87 to 3/19/88

\*\*\*\*\*

The applicant hereby acknowledges he/they are a citizen(s) of the United States or intends to become such a citizen.

\*\*\*\*\*

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

*E. J. Power, Jr.*  
Signature of Applicant

*for CKM Resources*

STATE ENGINEER'S ENDORSEMENT

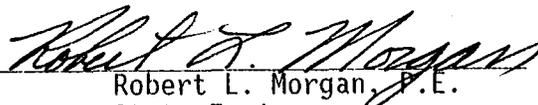
WATER RIGHT NUMBER: 43 - 9970

APPLICATION NO. T62358

1. March 19, 1987      Application received.
  2. April 1, 1987      Application designated for APPROVAL by RWL and SG.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated April 3, 1987, subject to prior rights and this application will expire on April 3, 1988.

  
Robert L. Morgan, P.E.  
State Engineer

**CKM RESOURCES, INC. 121121**  
OIL • GAS • OIL SHALE • EXPLORATION & PRODUCTION

COLORADO

UTAH  
2334 Sugarloaf Lane  
Sandy, Utah 84092  
(801) 942-6364

NEVADA

*Orl.*

*43-013-31145*

Nov. 30, 1987

Mr. Ron Firth  
Utah Oil and Gas Div.  
III Triad Center, Suite 350  
Salt Lake City, Utah

**RECEIVED**  
NOV 30 1987

DIVISION OF  
OIL, GAS & MINING

Dear Sirs:

We herewith submit a request for an additional one year extension of the drilling permit for the 16-6 located in the SE1/4NW1/4 of sec 16, T9S, R17E of Duchesne County, Utah, lease ML3453B, permit no. 43-013-31145. We believe this extension will be beneficial to the state of Utah by generating tax and royalty revenue as well as to CKM Resources.

The necessity of the extension has developed because of the depressed economic condition of the industry which hinders the venture capital market. CKM is presently conducting negotiations with another company and a brokerage firm to formulate a merger. This action will enable CKM to complete the well in the coming year with company funds.

Since the lease is held by production from three other wells the status of the lease will not be affected by the permit extension.

Thank you for your consideration,

Sincerely

Dean V. Power  
Vice President



STATE OF UTAH  
 NATURAL RESOURCES  
 Oil, Gas & Mining

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

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

December 9, 1987

*Dr. l.*  
 43-013-31145

Mr. Dean V. Power  
 CKM Resources  
 2334 Sugarloaf Lane  
 Sandy, Utah 84092

Dear Mr. Power:

Re: State #16-6 Well

As I mentioned during our telephone conversation today, I have reviewed your request dated November 30, 1987, to extend the drilling permit for the referenced well located in Section 16, Township 9 South, Range 17 East, Duchesne County. Because the well has already been spudded and surface casing set, no approval is needed for you to suspend operations on the well. You should contact the Division of State Lands and Forestry to ensure that such a suspension of operations will not violate any conditions of the mineral-lease.

The Division of Oil, Gas and Mining issues approvals to drill that are valid for one year unless drilling (ie. spudding the well) commences. Once drilling commences, the operator is held bound by the General Oil and Gas Conservation Rules for the life of the well or until operatorship changes. If drilling does not commence within a year, then the approval to drill is rescinded.

I hope this letters responds to your request adequately. If you have any additional concerns, please contact me at the letterhead address and telephone number.

Sincerely,

*John R. Baza*  
 John R. Baza  
 Petroleum Engineer

cc: Ed Bonner, State Lands and Forestry  
 D. R. Nielson  
 R. J. Firth  
 ✓ Well file

0384T-48-49



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertor  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

cc:  
Well File - State 16-6  
(16-95-17E, Duchesne)  
Well File - Gerald Young Ranch 1  
(30-15-6E, Summit)  
Well File - Needles Anticline State 1-B  
(16-245-19W, Millard)  
Well File - Bitter Creek Unit (3-2  
(2-105-21E, Uintah)  
Well File - Harrison Fed. 31-1  
(31-205-24E)  
PxA

September 23, 1988

TO: Ron Firth                      John Baza  
     Gil Hunt                       Steve Schneider  
     Arlene Sollis                 Jim Thompson

FROM: Don Staley

RE: The New Well Review Committee

Congratulations. You have just been selected to be a member of the newest of the Division's many committees: The Well Review Committee. The mission of this committee will be to join our collective talents to resolve various problems associated with old wells. Approximately once a month we will attempt to assemble ourselves to review approximately 5 problem wells. Our first meeting is scheduled for Wednesday, October 5, at 1:30 p.m. Below is a rough outline of the procedures we will be following.

1. The Administrative Supervisor will select approximately 5 wells for review.
2. The Well History and Activity Group Supervisor will review the following for each well:
  - The well file for historical data
  - The bonding status of fee and state lease wells
  - The computer, cardex, etc. files for consistency of data
3. The Well History and Activity Group Supervisor will then prepare a summary history of each well from data in the well file and present it to the Administrative Supervisor for review.
4. After the Administrative Supervisor reviews the well histories and determines that the wells are still legitimate problem wells, an announcement of the next Well Review Committee meeting will be made and a copy of the well histories will be sent to the Committee members.
5. After the well histories have been distributed, the following should take place:
  - The Lead Inspector should assure that inspections of the subject wells have recently been done or will be done prior to the next Well Review Committee meeting if at all possible.

- The Technical Group will determine if well bore diagrams, maps, or other technical aids or data would be useful in the review process.
6. The Well Review Committee will then meet and discuss each well using the following agenda:
- Review - A review will be made of wells discussed at the previous committee meeting to determine what progress has been made and what further action must be taken.
  - New Wells - The Well History and Activity Group Supervisor will present a history of each of the new wells being reviewed.
    - The Lead Inspector will present any data found in the inspection of the wells.
    - The Committee will discuss the wells and determine what options are available to the Division.
    - A decision will be made as to what action is to be taken.
      - If record keeping only is required, the Well History and Activity Group will handle the problem.
      - If problems other than record keeping are involved, the Associate Director will determine who will handle the problem, what course of action will be taken, and a deadline for the planned action.

All well files, bond information, maps, etc., should be brought to the meeting for review if needed.

Presently, I have a very long list of old problem wells that should eventually be reviewed. Most of these are wells that were spudded but never completed. If any of you run across additional problem wells, feel free to let me know and I will add them to the list. You will find the histories of the wells to be reviewed at our first meeting attached to this memo.

I hope that this committee will provide us with the mechanism to clean up some of the old headaches that have been haunting the Division for years. Thanks for your help.

#### Attachments

cc: DRN

0464T-30-31

CKM RESOURCES - (ACTIVE OPERATOR) STATE 16-6 - SE SW Sec. 16, T.9S,  
R.17E, DUCHESNE CO. 1817' FNL, 1981' FWL - STATE LEASE - \$5,000  
BOND IN PLACE - API #43-013-31145

1. Well permitted December 13, 1985.
2. Spudded December 19, 1985 - dry hole digger - set 8 5/8" casing at 300'
3. Waiting on rig and weather 2/3/86 to 6/4/86
4. Letter requesting extension of drilling permit. Letter was answered by JRB explaining the well had been drilled that no approval was needed to suspend operations.
5. Inspection report from Glen Goodwin on March 30, 1988, stated that the location was built, pit dug. Pit was dry, no fence. Surface set w/bucket over top.

(New) COMBINED OIL & GAS, INC. - (not active operator) GERALD YOUNG RANCH  
#1 - SE SW Sec. 30, T.1S, R.6E - SUMMIT CO. - 1078' FSL,  
1686' FWL - FEE LEASE - BLANKET BOND OF \$50,000 (not valid) -  
API #43-043-30049

1. Well permitted April 19, 1977.
2. Spudded August 3, 1977, drilled approx. 66'. Water & boulders encountered at all drilling levels.
3. Drilling progresses slowly. Loss of drill stem and tools down hole on Sept. 9, 1977, not recovered. Water encountered at all levels and drilling only to 88'. Tools recovered. Surface casing set and cemented at 232'. A memo to file dated June 13, 1979, stated that a small trailer-mounted rig moved on location. Stuck in hole at 1800'. Inspection was made June 25, 1979, and found crew had left water running into the well bore over the weekend. Water was rushing from the annulus under the drilling table, and over the top of the mud tanks. Reserve pond was filled and washed out into the nearby fields spreading much of its wastes and chemicals outside the location. Water was shut off by driller. Letter was written regarding this incident and was reported that the location was cleaned up within 24 hours of spill. Memo to file on August 29, 1979, rig had been moved off and well had been capped but not plugged. Letter written January 9, 1980, by attorney Paul N. Cotro-Manes, that the well should be properly plugged and abandoned and the lease was terminated as of that date. Well drilled to TD of 1956' May 10, 1980, well to be TA status. Change of operator to Sid Tomlinson was made November 10, 1982. (Change of operator not entered in computer or card file.) Letter was sent to Sid Tomlinson by John Baza requesting that well be properly plugged and abandoned. Plugging orders from John Baza were signed June 10, 1987.

NEEDLES EXPLORATION COMPANY - (NOT ACTIVE OPERATOR) - NEEDLES ANTICLINE STATE 1-B - SE NW Sec. 16, T. 24S, R. 19W - MILLARD CO. - 2030' FWL, 1980' FEL - STATE LEASE - API #43-027-30011 - (CASHIER'S CHECK UNDER THE NAME OF NEEDLES EXPL. FOR \$5,000 ACCEPTED 6-10-74; TREASURY NOTE FOR SAME LEASE UNDER THE NAME OF ENSIGN GAS & OIL COMPANY FOR \$5,000 FROM 8-1-80 to 12-31-80 - NO BOND ISSUED FOR COMMADORE RESOURCES)

1. Well approved January 13, 1976.
2. Casing set January 30, 1976.
3. Safety hazards observed & reported to the Industrial Commission.
4. Operations suspended in February, 1976, waiting on rig.
5. As of June 22, 1982, Larry Newman, President, Needles Exploration Company, informed this office that Commadore Resources assumed interest in the Needle Anticline well.
6. On August 21, 1985, a proposed P & A procedure was signed by JRB.
7. Follow-up letter dated November 17, 1986, was sent by JRB to Commadore Resources that the well remains unplugged and unmarked and the site unreclaimed.

DEKALB AGRICULTURE - (NOT ACTIVE OPERATOR) BITTER CREEK UNIT 63-2 - NE NE Sec. 2, T. 10S, R. 21E - 1650' FNL, 1564' FEL - UINTAH COUNTY - STATE LEASE - API #43-047-11477 - STATEWIDE BOND RELEASED 10-9-67, LEASE CANCELLED JANUARY, 1965)

1. Approved March 10, 1954, in the name of General Petroleum Corporation
2. Well spudded March 12, 1954
3. Drilled to TD 4921' - Abandoned July 8, 1954
4. Plugging orders given August 25, 1955
5. Changed operator to Havenstrite Oil Company
6. Letter from State Lands dated March 10, 1969, regarding lease being operated by De Kalb of Illinois and General Petroleum Corporation as operator of the well, have relinquished and quit claimed all rights, title and interest in and to said lease and well to the State of Utah in lieu of plugging same to surface; and the State of Utah, acting by and through the Division of State Lands, desires to take over said well with the express understanding and agreement that the taking over of such well will not restrict operations of said lease.
7. Inspection was made by Carol Kubly on May 1, 1987. She stated that the well was producing water and gas. No valves, no gauges. Gas and water bubbling out of top of well head running down draw to stock pond roughly 200-250' away.

THOMAS D. HARRISON - HARRISON FEDERAL 31-1 - Sec. 31, T. 20S, R. 24E  
360' FNL, 300' FEL - GRAND COUNTY - FEDERAL LEASE  
API #43-019-30339

1. Well permitted February 23, 1977 for oil production only.
2. Well spudded November 19, 1979 and completed December 14, 1979 as a shut-in oil well. Open hole completion. Well had a good show of oil in the Brushy Basin at 615' five feet below the cemented casing. Oil soon turned to water. Suspect the water is coming from a bad (if any) cement job on the old Pumpelly Stava 31-81 well 30 feet away. Have suspended operations until appropriate action can be taken to open up the old 31-81 well, drill it out & re-cement to hopefully shut off the water.
3. Contacted BLM in Moab and their records show this well to be P & A'd as of September 22, 1985. The Resource Area has reviewed the site on September 8, 1988 and rehabilitation of the area is in order.

*PA'd*

WELL REVIEW COMMITTEE - Notes  
Meeting held 11-22-88

Well File  
State 16-6  
(16-95-17E)  
Duchesne

Reviewed progress on wells presented to Committee at 10-5-88 meeting:

- \* State 16-6 (API 43-013-31145)  
Sent letter to Ed Bonner of State Lands on 10-21-88. Advised State Lands that they, as lessor, are responsible for the final resolution of this wells problems. Met with Ed Bonner on 11-16-88. He said that he is currently working with CKM Resources to get the problems on this well resolved.
- \* Gerald Young Ranch 1 (API 43-043-30049)  
According to research performed by Arlene Sollis, a \$5000 certificate of deposit exists for the well which expire mid-January, 1989. She has contacted both Mr. Naylor (Combined Oil and Gas) and Mr. Sid Tomlinson (claims to be the new operator). Neither party seems to be doing much to resolve the problem. Tomlinson has been in touch with John Baza in the past few weeks to talk about plugging the well. In the meantime, the Committee feels that there isn't much we can do other than try to get a replacement bond before the certificate of deposit expires in January. Don Staley was asked to write a letter to the operator of record - Naylor - and tell him he is still responsible for the well until the new operator get a bond and that we will call him before the board if he doesn't comply.
- \* Needles Anticline 1-B (API 43-027-30011)  
Sent letter to Ed Bonner of State Lands on 10-21-88. Advised State Lands that they, as lessor, are responsible for the final resolution of this wells problems. Met with Ed Bonner on 11-16-88. He said that he is checking with State Land's attorney to see if they can use a certificate of deposit that's on file for the well to reclaim the location.
- \* Bitter Creek Unit 63-2 (API 43-047-11477)  
Sent letter to Ed Bonner of State Lands on 10-21-88. Advised State Lands that they, as lessor, are responsible for the final resolution of this wells problems. Met with Ed Bonner on 11-16-88. He said that he hasn't done anything with this well yet, but felt there probably isn't anything State Lands would be able to do. Don Staley was asked at this meeting to show some inspection pictures to Ed which show how messy the location is.
- \* Harrison Federal 31-1 (API 43-019-30339)  
This well was PxA'd. No committee action required.

Discussed new wells:

- \* Anschutz Ranch East 6-30U (API 43-043-30177)  
Ron Firth requested that Amoco's W30-06 be fixed to reflect the correct name of W30-06A in order to prevent confusion with the Anschutz well. Don Staley checked the Amoco well file and found that Amoco had actually changed the name of the well to the W30-06. So, no action was taken on that matter. According to conversations that Arlene Sollis had with Amoco and Anschutz, the well may be plugged. Anschutz is supposedly sending in a plugging report to us. Jimmie Thompson will send an inspector out to check it out. Ron Firth said that if Anschutz doesn't have any more wells we ought to let

them know that we will relinquish the bond if they request it. They can then get a new bond if they drill more wells.

- \* Stephen Szot 1 (API 43-005-30009)  
Mrs. Szot visited Jimmie Thompson about 6 months ago to discuss all the legal problems concerning this well. The law suit between the Szots and Delta Petroleum is still in progress. Jimmie was in touch with attorney Alan Bachman who said there was nothing the Division can do. Jimmie will be sending a copy of a letter he has prepared concerning this matter to the well file.
- \* Stephen Szot 2 (API 43-005-30010)  
Same as Stephen Szot 1 above.
- \* Nordeen 1-A (API 43-037-30128)  
It was concluded by the Committee that the main thing that needs to take place concerning this well is to get San Juan Minerals to accept responsibility for the well. San Juan (formerly Williams Ranches) said that they took over the wells from Shiprock Oil, but didn't receive any records and weren't too sure what they bought. The Committee concluded that the well's computer status ought to be changed from OPS to SOW so that the well would begin showing up on San Juan's 'turn-around document'. In doing some research, Don Staley found three other San Juan Minerals wells that fall into this same scenario: Utah Southern 1 (API 43-037-30101), Nelwyn Nordeen 3 (43-037-30108), and the Nordeen 2-A (API 43-037-30161). Don Staley gained Ron Firth's approval to have them begin showing up on San Juan's report also. A memo was sent to Tami Searing and Lisha Romero to change the necessary data in the computer to have the wells begin showing up on the 'turn-around document'.
- \* Natural Buttes Unit 82N4 (formerly NBU 82J) (API 43-047-31236)  
According to reports that have been sent in on this well, the well may have been PxA'd. John Baza will check on this and report back at the next Well Review Committee meeting.

Also discussed:

- \* John Baza proposed the need for us to push for new legislation or a rule change that makes it possible for ownership of old fee and state lease wells to revert back to the surface owner after a certain length of time if problems cannot be resolved. John Baza will do some research on how other states handle this problem and return to the Committee with some proposals.
- \* The feasibility of setting up Field files was discussed. It was concluded that the Administrative group would be in charge of filing such materials, and that some filing cabinets for that purpose would be set up in Millie Sollis' old office. Millie's old office will become a file room overflow area. The Unit files, Plant files, and any other miscellaneous files of that nature may be housed there.
- \* It was decided that we ought to be more conscientious about sending information to the well file and that the Telephone Documentation Form ought to be used more. Don Staley will look into updating the form, making it a 'portrait' form instead of a 'landscape' form, and making the form more available.

DTS (11-23-88)

cc: R.J. Firth

J.R. Baza

S.L. Schneider

G.L. Hunt

A.W. Sollis

J.L. Thompson

Well File - State 16-6 (16-9S-17E, Duchesne Co.)

Well File - Gerald Young Ranch 1 (30-1S-6E, Summit Co.)

Well File - Needles Anticline State 1-B (Millard Co.)

Well File - Bitter Creek Unit 63-2 (2-10S-21E, Uintah Co.)

Well File - Harrison Federal 31-1 (31-20S-24E, Grand Co.)

Well File - Anschutz Ranch East 6-30U (30-4N-8E, Summit Co.)

Well File - Stephen Szot 1 (19-14N-1E, Cache Co.)

Well File - Stephen Szot 2 (19-14N-1E, Cache Co.)

Well File - Nordeen 1-A (6-42S-19E, San Juan Co.)

Well File - Natural Buttes Unit 82N4 (26-9S-21E, Uintah Co.)

Well File - Utah Southern 1 (7-42S-19E, San Juan Co.)

Well File - Nelwyn Nordeen 3 (5-42S-19E, San Juan Co.)

Well File - Nordeen 2-A (6-42S-19E, San Juan Co.)

WELL REVIEW COMMITTEE - Notes  
Meeting held 10-5-88

Discussed new wells:

- \* State 16-6 (API 43-013-31145)  
Committee determined there is little that DOGM can do. CKM operates four other wells in the area that may hold this particular lease - well may not need to be plugged at this time. Don Staley was asked to write letter to Ed Bonner of State Lands to advise him that it is up to the lessor (i.e., State Lands) to decide what they want to do with this well.
- \* Gerald Young Ranch 1 (API 43-043-30049)  
Committee's opinion is that there is little that the DOGM can do. John Baza brought up the point that other states have rules that turn wells such as this one back to the land owner after so many years. Arlene Sollis reported that there is a \$5000 cashiers check on this well, but it may only be valid for 7 years. Arlene was asked to investigate the check to see if it is something the DOGM could cash in on to plug the well. Will review at next meeting.
- \* Needles Anticline 1-B (API 43-027-30011)  
Committee determined there is little that DOGM can do. Don Staley was asked to write letter to Ed Bonner of State Lands to advise him that it is up to the lessor (i.e., State Lands) to decide what they want to do with this well.
- \* Bitter Creek Unit 63-2 (API 43-047-11477)  
Committee determined there is little that DOGM can do. Don Staley was asked to write letter to Ed Bonner of State Lands to advise him that it is up to the lessor (i.e., State Lands) to decide what they want to do with this well.
- \* Harrison Federal 31-1 (API 43-019-30339)  
Arlene Sollis reported that we have been notified that this well has been plugged. No action required by Well Review Committee.

DTS (11-23-88)

cc: R.J. Firth  
Well File - State 16-6 (16-9S-17E, Duchesne Co.)  
Well File - Gerald Young Ranch 1 (30-1S-6E, Summit Co.)  
Well File - Needles Anticline State 1-B (16-24S-19W, Millard Co.)  
Well File - Bitter Creek Unit 63-2 (2-10S-21E, Uintah Co.)  
Well File - Harrison Federal 31-1 (31-20S-24E, Grand Co.)



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DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 21, 1988

Mr. Ed Bonner  
Division of State Lands and Forestry  
355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1250

Dear Mr. Bonner:

Re: Old Wells: State 16-6 (API 43-013-31145); Needle Anticline 1-B (API 43-027-30011); Bitter Creek Unit 63-2 (API 43-047-11477)

The Oil and Gas Section of this Division recently organized a well review committee to review and resolve various problems associated with old wells. In a recent meeting, three wells were discussed that are located on state leases. It was determined by the committee that the Division of Oil, Gas and Mining has exhausted all of its options in attempts to resolve the problems associated with these wells.

This is to advise that responsibility now rests with the Division of State Lands and Forestry, as lessor, to determine what actions should be taken with these wells. Brief histories of the three referenced wells are attached. The DOGM stands prepared to offer any assistance possible. We would appreciate hearing your conclusions as soon as possible. Your attention to this matter is appreciated.

Sincerely,

Don T. Staley  
Administrative Supervisor

tc

Attachments

cc: D. R. Nielson

R. J. Firth

J. R. Baza

S. L. Schneider

G. L. Hunt

A. W. Sollis

J. L. Thompson

WELL: State 16-6  
API: 43-013-31145  
LOCATION: SENW 16, T9S, R17E (1817 FNL 1981 FWL)  
OPERATOR: CKM Resources

Permitted December 3, 1985 to CKM Resources. Spudded December 9, 1985. Well drilled to 300' and surface casing set and cemented. CKM requested a one year extension of APD on November 5, 1986. CKM requested another one year extension of APD on November 18, 1987. Their letter stated, "...The necessity of the extension has developed because of the depressed economic condition of the industry which hinders the venture capital market. CKM is presently conducting negotiations with another company and a brokerage firm to formulate a merger. This action will enable CKM to complete the well in the coming year with company funds. Since the lease is held by production from three other wells the status of the lease will not be affected by the permit extension..." DOGM letter to CKM Resources dated 12-9-87 states, "Because the well has already been spudded and surface casing set, no approval is needed for you to suspend operations on the well. You should contact the Division of State Lands and Forestry to ensure that such a suspension of operations will not violate any conditions of the mineral lease." No further correspondence in file. A DOGM inspection performed March 30, 1988 shows that the location was built, a pit was dug which is currently dry and has no fence, and the surface casing was set and currently has a bucket over the top of it.

WELL: Bitter Creek Unit 63-2  
API: 43-047-11477  
LOCATION: NENE 2, T10S, R21E (1650 FNL 1564 FEL)  
OPERATOR: State of Utah (?)

Permitted March 10, 1954 to General Petroleum Corporation. Spudded March 12, 1954. Drilled to 4921'. Abandoned (temporarily) July 8, 1954. Sundry dated 8-24-55 shows intent to plug and abandon well. Assignment of Water Well dated 6-9-56, shows assignment from General Petroleum to Havenstrite Oil Company and states that the water is to be used only for drilling purposes and the well is to be plugged within 90 days after ceasing to use it for drilling water. Release of Water Well dated 3-7-69 and signed by the director of the Division of State Lands states that the State of Utah, acting by and through the Division of State Lands, desires to take over the well. DOGM letter dated 8-24-78 to Mobil Oil Corp requests Mobil to submit a form OGC-1b to update our files. No further correspondence in file. Inspection performed 5-1-87 shows no valves; no gauges; gas and water bubbling out of top of well head, running down draw to stock pond roughly 200-250' away.

WELL: Needle Anticline 1-B  
API: 43-027-30011  
LOCATION: SENW 16, T24S, R19W (1980 FNL 2030 FWL)  
OPERATOR: Commodore Resources (?)

Permitted January 13, 1976 to Needle Exploration Company. October 2, 1976 sundry shows well drilled to 2407'; waiting on drilling rig. Assignment of Lease form dated 4-6-82 shows assignment to Commodore Resources Corp of SLC (form was approved by State Lands 4-12-82). DOGM letter dated 6-22-82 to Commodore demands that status reports, a proper designation of operator, a transfer of interest, and a new bond be submitted. DOGM letter to Commodore dated 11-18-82 states, "This office is receiving reports on the above well from your company. We have not received any information stating that your company is now operator of this well...We have no information on the drilling of this well since August 1982." Letter to DOGM from Thomas Wolter & Associates dated 4-11-83 states, "Commodore Resources asked me to contact you regarding the plugging and abandonment of the above captioned well. This well was drilled several years ago and the records are sketchy. Would you please review the state well files and make a recommendation as to how commodore resources should properly plug and abandon the well." DOGM letter dated 5-3-83 to Thomas Wolter outlined PxA procedures. Letter to DOGM from Thomas Wolter & Associates dated 2-3-84 states, "...in April 1983, Commodore Resources was a client of mine. They asked me to find the status of the well...Commodore Resources has since filed for bankruptcy. I have been unable to determine if they are the operator of this well or whether someone else is. I don't believe that they drilled the well." Commodore sundry dated 8-9-85 shows proposed PxA procedure. DOGM letter to Commodore dated 11-17-86 states, "As a followup to a recent conversation between yourself and Mr. William Moore, of the DOGM, I am sending you a copy of the notice of intent to abandon the subject well. The procedure was mutually agreed upon by a representative of your company and this Division. As of this date, the well remains unplugged and unmarked and the site unreclaimed. Because of the substantial length of time that the well has remained in its current state, it is a serious concern to the Division. Please contact this office immediately concerning your intent regarding the subject well." No further correspondence in file. Inspection performed 9-11-86 stated that a barrel top covers the well bore; very deep well; site trashy; open reserve pit; no rehab yet.

WELL REVIEW COMMITTEE

PLACE ATTACHED DOCUMENT IN WELL FILE

	SEC	TWP	RNG	COUNTY	OPERATOR
STATE 16-6	16	09S	17E	DUCHESNE	CKM RESOURCES
GERALD YOUNG RANCH 1	30	01S	06E	SUMMIT	COMBINED OIL & GAS
NEEDLES ANTICLINE STATE 1B	16	24S	19W	MILLARD	NEEDLES EXPLORATION
BITTER CREEK 63-2	2	10S	21E	UINTAH	DEKALB AGRICULTURE
HARRISON FEDERAL 31-1	31	20S	24E	GRAND	THOMAS HARRISON
ANSCHUTZ RANCH EAST 6-30U	30	04N	08E	SUMMIT	ANSCHUTZ CORP
STEPHEN SZOT 1	19	14N	01E	CACHE	DELTA PETROLEUM CORP
STEPHEN SZOT 2	19	14N	01E	CACHE	DELTA PETROLEUM CORP
NORDEEN 1-A	6	42S	19E	SAN JUAN	SAN JUAN MINERALS
NATURAL BUTTES UNIT 82N4	26	09S	21E	UINTAH	COASTAL OIL & GAS
DONALD B GREEN 1	9	11N	06E	BOX ELDER	WEM PETROLEUM
LAMAR BOWEN 1	2	12N	02W	BOX ELDER	ZEPKO INC
GOLDEN RIGBY 1	15	13N	02W	BOX ELDER	ZEPKO INC
STATE 16-3	16	20S	21E	GRAND	CHARLES SILENGO
STATE 5-16	16	20S	21E	GRAND	CHARLES SILENGO
STATE 6-16	16	20S	21E	GRAND	CHARLES SILENGO

Well Name	First Discussed (done)	
State 16-6 43-013-31145	10-5-88 <input type="checkbox"/>	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he's working w/CKM Resources to resolve. No further info.
Gerald Young Ranch 1 43-043-30049	10-5-88 <input type="checkbox"/>	Letter signed by DRN was sent - returned to sender in Dec. Naylor has agreed to sign check when we give him written release of obligation.
Needles Anti-cline State 1-B 43-027-30011	10-5-88 <input type="checkbox"/>	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he's checking w/St. Lds. attorney to see if CD can be used to reclaim location. No further info.
Bitter Creek 63-2 43-047-11477	10-5-88 <input type="checkbox"/>	Sent letter to Ed Bonner 10-21-88. Talked to Ed 11-16-88. Said he hasn't looked into this well yet but didn't think they could do anything with it. No further info.
Harrison Fed 31-1 43-019-30339	10-5-88 <input checked="" type="checkbox"/>	Well was reported plugged. No committee action required.
Anschutz Ranch East 6-30U 43-043-30177	11-22-88 <input type="checkbox"/>	At meeting, AWS said we might be getting a WCR. JLT was planning to send inspector to check it. RJF said if Anschutz doesn't have any wells we ought to call them and release bond if desired. AWS to handle
Stephen Szot 1 43-005-30009	11-22-88 <input type="checkbox"/>	JLT handling. Well tied up in court. We can do little until resolved. JLT to send copy of his correspondence covering situation to well file.
Stephen Szot 2 43-005-30010	11-22-88 <input type="checkbox"/>	JLT handling. Well tied up in court. We can do little until resolved. JLT to send copy of his correspondence covering situation to well file.
Nordeen 1-A 43-037-30128	11-22-88 <input type="checkbox"/>	Committee decided on 11-22-88 that well's computer status should be changed from OPS to SOW so well would show up on San Juan Mineral's TAD. Done 11-25-88.
Natural Buttes 82N4 43-047-31236	11-22-88 <input type="checkbox"/>	According to report sent in, well may be PxA'd. JRB will check it out and report back at next meeting.
	<input type="checkbox"/>	

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(See instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**RECEIVED**  
JAN 16 1990  
DIVISION OF OIL, GAS & MINING

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 3453 B
2. NAME OF OPERATOR CKM RESOURCES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2334 SUGARLOAF LANE, SANDY, UTAH 84093		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1981' FWL 1827' FNL SE 1/2 NW 1/4 Sec 16		8. FARM OR LEASE NAME
14. PERMIT NO. 43-D13-31145	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5268 GL	9. WELL NO. State 16-6
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16, T9S, R17E
		12. COUNTY OR PARISH DUCHESSNE
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. 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.)\*

DRILLING EFFORTS SUSPENDED TEMPORARILY PENDING ADDITIONAL FINANCING. LOCATION BUILT & CONDUCTOR PIPE (SURFACE) SET.

OIL AND GAS	
DBN	DIF
JRB	CLH
DTS	CLS
1-TAS	
2-	MICROFILM
3-	FILE

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

SIGNED Dean D. Power TITLE Utah Agent & U.P. DATE 1-11-90

(This space for Federal or State office use)

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



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF STATE LANDS AND FORESTRY

Norman H. Bangarter  
Governor  
Dee C. Hansen  
Executive Director  
Patrick D. Spurgin  
Division Director

355 West North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204  
801-538-5508

June 13, 1990

CERTIFIED MAIL NO. P 879 610 673

CKM Resources, Inc.  
Attn: Dean V. Power  
2334 Sugarloaf Lane  
Sandy, UT 84092

Gentlemen:

RE: State of Utah Oil, Gas, and Hydrocarbon Lease ML 3453-B

On February 15, 1990 and again on March 30, 1990, you were advised by letters from this office of several compliance problems regarding wells under State of Utah Oil, Gas, and Hydrocarbon Lease ML 3453-B.

As a follow-up to these letters, a representative of this Division visited all the locations under this lease during the morning of June 6, 1990. All of the locations visited are cluttered with debris and stand in a state of disrepair. Additionally, several wells have spilled oil which has pooled around the well heads. Of immediate concern is the Sue Morris 16-3 well where spilled oil has covered a considerable expanse of the location.

Again, as mentioned in previous letters, these violations are in direct conflict with the terms and conditions of State of Utah Oil, Gas, and Hydrocarbon Lease ML 3453-B, as well as the Rules of this Division and the Division of Oil, Gas, and Mining.

Please be advised that action must immediately be initiated to remedy the violations as observed. If this situation is not remedied within the next fifteen days from the date of this letter, this Division will pursue a release of your surety funds from Money Market Certificate No. 144975 with First Interstate Bank and proceed with reclamation of these locations. I trust that you sense the seriousness of these violations.

Please contact Mr. John Baza of the Division of Oil, Gas, and Mining or myself should you have questions concerning this matter.

Sincerely,

EDWARD W. BONNER  
MINERALS SECTION MANAGER

EWB/eb

SUSPENSE

DTS

5/15/94

WELL: State 16-6

OPERATOR: CKM Resources

LOCATION: 14-95-17 E

API: 43-013-31145

AS OF THIS DATE, NO WCR HAS BEEN RECEIVED FOR THIS WELL. IT HAS BEEN SPUDED AND THE FILE HAS BEEN IN DRILLING FOR A LENGTHY TIME.

ON 3/29/94 THIS WELL WAS PUT IN TA STATUS IN 3270 DUE TO THE LENGTH OF TIME THE WELL HAS BEEN IN A DRILLING STATUS (SPUDED ON 12/9/85) AND DUE TO ANY OF THE OTHER FOLLOWING REASONS:

inspection report of 1/21/86 declares well as OPS. Numerous other insp. reports show OPS - plastic bucket over hole. Sundry of 2-3-86 shows "waiting on rig" TD 300'.  
per Ed Bonner (via J.L. Thompson) plate welded on casing.

CHECK IN LATE MAY/94 (MONTH/YEAR) TO SEE IF OPERATOR REPORTED ON WELL ON TURNAROUND DOCUMENT. DEPENDING ON OPERATOR'S REACTION, WRITE LETTER TO OPERATOR REQUESTING WCR, ETC.

DTS

TODAY'S DATE

3/24/94

CC: WELL FILE

WELL: State 16-6  
API: 43-013-31145  
LOCATION: SENW 16, T9S, R17E (1817 FNL 1981 FWL)  
OPERATOR: CKM Resources

Permitted December 3, 1985 to CKM Resources. Spudded December 9, 1985. Well drilled to 300' and surface casing set and cemented. CKM requested a one year extension of APD on November 5, 1986. CKM requested another one year extension of APD on November 18, 1987. Their letter stated, "...The necessity of the extension has developed because of the depressed economic condition of the industry which hinders the venture capital market. CKM is presently conducting negotiations with another company and a brokerage firm to formulate a merger. This action will enable CKM to complete the well in the coming year with company funds. Since the lease is held by production from three other wells the status of the lease will not be affected by the permit extension..." DOGM letter to CKM Resources dated 12-9-87 states, "Because the well has already been spudded and surface casing set, no approval is needed for you to suspend operations on the well. You should contact the Division of State Lands and Forestry to ensure that such a suspension of operations will not violate any conditions of the mineral lease." No further correspondence in file. A DOGM inspection performed March 30, 1988 shows that the location was built, a pit was dug which is currently dry and has no fence, and the surface casing was set and currently has a bucket over the top of it.

P 074 977 608

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

Sent to Dean V. Power  
Oil Resources



Utah  
NATURAL RESOURCES  
OIL AND MINING

SUSPENSE

DTS

1/1/75

January 28, 1975



STATE OF UTAH  
NATURAL RESOURCES  
Division of Oil, Gas & Mining

To: DTS

From: R. J. Firth

Date:

For your information and file.

For necessary action.

Other. State lands  
in some "Bureau"  
involvement, is  
taking a look @  
Mr Powers entire  
operation, perhaps  
even lease cancellation

Not sent

Wait to see  
what State  
lands  
works  
out on

Report and Log; State 16-6 Well, Sec. 16,  
Utah, API No. 43-013-31145

This  
REF/DTS  
2/20/75

Production Report shows the above referenced  
Utah Admin. R649-3-21 states:

If any well drilled or redrilled for the  
Well Completion or Recompletion Report  
is submitted, together with a copy of the electric

Well Completion or Recompletion Report and  
that this report be submitted immediately. A

For your convenience. Please feel free to contact me if  
further information or discussion is necessary.

Sincerely,

Don Staley  
Administrative Manager  
Oil and Gas

ldc  
Enclosure  
cc: R.J. Firth  
F.R. Matthews  
D.M. Eatchel  
WCREQUEST





**EQUITABLE RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

**June 13, 1995**

**State of Utah  
Division of Oil, Gas and Mining  
3 Triad Center  
Suite 350  
Salt Lake City, UT 84180**

**Gentlemen:**

**Enclosed are notices of Change of Operator for five wells for which we took over operations from CKM Resources.**

**I would appreciate it if you would send a copy of the approved notices to my attention.**

**If you have any questions, please give me a call at (406) 259-7860.**

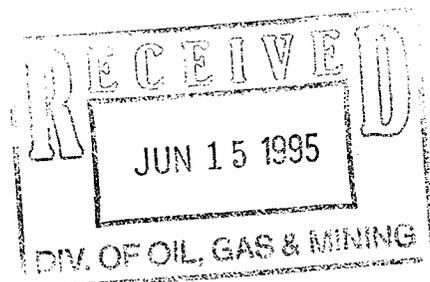
**Sincerely,**

*Bobbie Schuman*

**Bobbie Schuman  
Regulatory and  
Environmental Specialist**

**/hs**

**Enclosures**



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: State #ML-3453-B
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860	7. Unit Agreement Name: n/a
4. Location of Well Footages: 1827' FNL, 1981' FWL County: Duchesne QQ, Sec., T., R., M.: SE NW Section 16, T9S, R17E State: Utah	8. Well Name and Number: State #16-6  9. API Well Number: 43-013- 31145  10. Field and Pool, or Wildcat: Monument Butte/Green River

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                              | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                            | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                       | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of operator</u> |   |

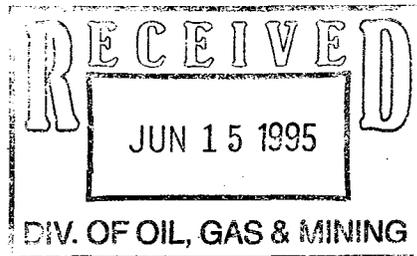
Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Equitable Resources Energy Company, Balcron Oil Division has taken over operations of this wellsite from CKM Resources (c/o Richard A. Davis, Bankruptcy Trustee, 2127 West Charleston, Las Vegas NV89102).  
Effective May 22, 1995.



13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: June 13, 1995  
Bobbie Schuman

(This space for State use only)



# EQUITABLE RESOURCES ENERGY COMPANY

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

## TELECOPIER TRANSMITTAL SHEET

Our telecopier number is: (406) 245-1361

DATE: 6-26-95

TO: Lisha Cordova

COMPANY: Utah DOGM

FROM: Bobbie Schuman

Total Number of Pages 3 (Including this cover sheet)

IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL BACK AS SOON AS POSSIBLE AT (406) 259-7860.

TELECOMMUNICATOR: \_\_\_\_\_

SPECIAL INSTRUCTIONS: Re: CKM properties

As we discussed this morning.  
Let me know if there's  
anything else you need.

\*6/26/95 Copy to Ed Benner / Trust Lands Admin. file

**NOTE: THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS PRIVILEGED AND CONFIDENTIAL, AND IS INTENDED ONLY FOR THE USE OF THE INDIVIDUALS OR ENTITY NAMED ABOVE WHO HAVE BEEN SPECIFICALLY AUTHORIZED TO RECEIVE IT. IF THE READER IS NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN ALL PAGES TO THE ADDRESS SHOWN ABOVE. THANK YOU.**

RECEIVED MAY 2 8 235

RECEIVED  
AND FILED

MAY 22 3 13 PM '95

UNITED STATES  
BANKRUPTCY COURT  
PATRICIA GRAY  
CLERK

MAY 23 1995

Entered on docket: \_\_\_\_\_

1 Lenard E. Schwartz, Esq.  
2 Georganne W. Bradley, Esq.  
3 HALE, LANE, PEEK, DENNISON  
4 AND HOWARD  
5 2300 West Sahara Avenue  
6 Suite 800, Box 8  
7 Las Vegas NV 89102  
8 (702) 362-5118  
9 Nevada Bar No. 0399  
10 Nevada Bar No. 1105

11 Attorneys for Trustee  
12 Richard A. Davis

13 UNITED STATES BANKRUPTCY COURT

14 DISTRICT OF NEVADA

15 In re

16 BK-S-89-23818 LBR  
17 Chapter 7

18 CKM RESOURCES, INC.

19 Motion No. 95 MS 20129

20 ORDER RE SALE OF ESTATE'S  
21 INTEREST IN OIL PROPERTIES  
22 (PLEASANT VALLEY, DUCHESNE  
23 COUNTY, UTAH)

24 Debtor.

25 DATE: April 27, 1995  
26 TIME: 9:30 a.m.

27 The Trustee's Motion to Sell Estate's Interest in Oil  
28 Properties (Pleasant Valley, Duchesne County, Utah) having come  
before this Court after notice to all creditors and parties in  
interest, the Court having read the papers and pleadings on file,  
heard the argument of counsel, accepted further bids in open Court,  
and good cause appearing, it is

ORDERED that the Estate's interest in oil properties, that is,  
ownership of working and net revenue interests in wells, equipment,  
reserves and leasehold acreage of Lease No. ML-3453-B in the  
proposed Pleasant Valley Waterflood Unit in Duchesne County, Utah

UNITED STATES BANKRUPTCY COURT  
DISTRICT OF NEVADA  
2300 W. Sahara Avenue, Suite 800, Box 8  
Las Vegas, Nevada 89102  
(702) 362-5118

1 (the "Property") be sold to Equitable Resources Energy Company,  
2 Balcron Oil Division ("Balcron") for \$160,000 to be paid 11 days  
3 after entry of this Order, and it is further

4 ORDERED that, if Balcron shall fail to pay the purchase price  
5 in a timely manner, the Property shall be sold to Western States  
6 International, Inc. for \$155,000 to be paid 30 days after notice of  
7 Balcron's failure to purchase the Properties, and it is further

8 ORDERED that Balcron shall immediately take over operation of  
9 the Property until closing of the sale.

10 DATED: May 22, 1995.

11  
12 LINDA B. RIEGLE  
13 LINDA B. RIEGLE  
14 U.S. Bankruptcy Court Judge

15 HALE, LANE, PEEK, DENNISON  
16 AND HOWARD

17 By   
18 Leonard E. Schwartz  
19 Suite 800, Box 8  
20 2300 West Sahara Avenue  
21 Las Vegas NV 89102  
22 Attorneys for Trustee

21 APPROVED / DISAPPROVED

22 By \_\_\_\_\_  
23 Joseph H. Williams, Esq.  
24 520 S. Fourth - #310  
25 Las Vegas, Nevada 89101  
26 Attorney for Debtor

25 SENT TO JOSEPH H. WILLIAMS ON  
26 MAY 2, 1995 - NOT RETURNED

Hale, Lane, Peck, Dennison and Howard  
2300 W. Sahara Avenue, Suite 800, Box 8  
Las Vegas, Nevada 89102  
(702) 362-5118

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-IEC 7-PL	✓
2-LWP 8-SJ	✓
3-DTS 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-22-95)

TO (new operator) <u>EQUITABLE RESOURCES ENERGY</u>	FROM (former operator) <u>C K M RESOURCES</u>
(address) <u>BALCRON OIL DIVISION</u>	(address) <u>2334 SUGARLOAF LN</u>
<u>PO BOX 21017</u>	<u>SANDY UT 84093-1163</u>
<u>BILLINGS MT 59104</u>	
phone <u>(406) 259-7860</u>	phone <u>(801) 942-1797</u>
account no. <u>N 9890</u>	account no. <u>N 2090</u>

*These are all  
in section 16*

Well(s) (attach additional page if needed):

- |                                     |                          |                      |                |                 |            |                            |
|-------------------------------------|--------------------------|----------------------|----------------|-----------------|------------|----------------------------|
| Name: <u>STATE 16-2/GRRV</u>        | API: <u>43-013-30552</u> | Entity: <u>1451</u>  | Sec: <u>9S</u> | Twp: <u>17E</u> | Rng: _____ | Lease Type: <u>ML3453B</u> |
| Name: <u>SUE MORRIS 16-3/GRRV</u>   | API: <u>43-013-30562</u> | Entity: <u>1450</u>  | Sec: <u>9S</u> | Twp: <u>17E</u> | Rng: _____ | Lease Type: <u>ML3453B</u> |
| Name: <u>K JORGENSON ST 16-4/GR</u> | API: <u>43-013-30572</u> | Entity: <u>1452</u>  | Sec: <u>9S</u> | Twp: <u>17E</u> | Rng: _____ | Lease Type: <u>ML3453B</u> |
| Name: <u>D DUNCAN ST 16-5/GRRV</u>  | API: <u>43-013-30570</u> | Entity: <u>1453</u>  | Sec: <u>9S</u> | Twp: <u>17E</u> | Rng: _____ | Lease Type: <u>ML3453B</u> |
| Name: <del>STATE 16-6</del>         | API: <u>43-013-31145</u> | Entity: <u>11195</u> | Sec: <u>9S</u> | Twp: <u>17E</u> | Rng: _____ | Lease Type: <u>ML3453B</u> |
| Name: _____                         | API: _____               | Entity: _____        | Sec: _____     | Twp: _____      | Rng: _____ | Lease Type: _____          |
| Name: _____                         | API: _____               | Entity: _____        | Sec: _____     | Twp: _____      | Rng: _____ | Lease Type: _____          |

**OPERATOR CHANGE DOCUMENTATION**

- Lee* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Court Order 5-22-95)*
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-15-95)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-14-95)*
- LWP* 6. Cardex file has been updated for each well listed above. *7-18-95*
- LWP* 7. Well file labels have been updated for each well listed above. *7-18-95*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-14-95)*
- Lee* 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

- Lee* 1. (Rule R615-8-7) 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. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) \*Trust Lands / Bond OK (Aprv. 7/95)

- Lee* 1. (Rule R615-3-1) The new operator of any ~~fee~~ lease well listed above has furnished a proper bond.
- N/A* 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- \_\_\_ 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_; of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DT's* 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*7/19-95 to Ed Banner*

FILMING

- 1. All attachments to this form have been microfilmed. Date: July 21 1995.

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 have been filed in the Operator Change file.

COMMENTS

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# Speed Letter®

To Ed Bonner  
~~State Lands~~ SCHOOL & INSTITUTIONAL  
 TRUST LANDS ADMIN.

From Don Staley  
 Oil, Gas and Mining

Subject Operator Change

— No. 9 & 10 FOLD  
**MESSAGE**

Date 7/19 19 95

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: CKM Resources (N2090)

New Operator : Equitable Resources Energy (N9890)

Well:	API:	Entity:	S-T-R:
STATE 16-2	43-013-30552	01450	16-95-17E
SUE MORRIS 16-3	43-013-30562	01450	"
K Jorgenson St. 16-4	43-013-30572	01452	"
D Duncan St. 16-5	43-013-30570	01453	"
State 16-6	43-013-31145	11195	"

*All ML3453B*

— No. 9 FOLD  
 — No. 10 FOLD  
 CC: Operator File

Signed Don

**REPLY**

Date \_\_\_\_\_ 19 \_\_\_\_

Signed \_\_\_\_\_

**CONFIDENTIAL**

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: ML-3453-B
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: n/a
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: Beluga Unit
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name: Monument State
3. Address and Telephone Number: 1601 Lewis Avenue; Billings, MT 59102		9. Well Number: #22-16-9-17B
4. Location of Well (Footages) At Surface: SE NW Section 16, T9S, R17E 1824' FNL, 1981' FWL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Monument Butte/Grn.Rvr.
14. Distance in miles and direction from nearest town or post office: From Myton, Utah, approximately 15.7 miles SW		11. Ctr/Ctr, Section, Township, Range, Meridian: SE NW 16, T9S, R17E
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	12. County: Duchesne
17. Number of acres assigned to this well:	13. State: UTAH	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,600'	20. Rotary or cable tools: Rotary
21. Elevations (show whether DF, RT, GR, etc.): GL 5273'	22. Approximate date work will start: January 25, 1996	

**PROPOSED CASING AND CEMENTING PROGRAM**

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

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

Operator proposes to drill this well in accordance with the attached EXHIBITS.

NOTE: This was formerly the CKM State #16-6 well; surface casing is set.

As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

ORIGINAL: Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

24. Name & Signature: Bobbie Schuman *Bobbie Schuman* Title: Regulatory and Environmental Specialist Date: 11-30-95

(space for State use only)

API Number Assigned: 43-013-31579

Approval:

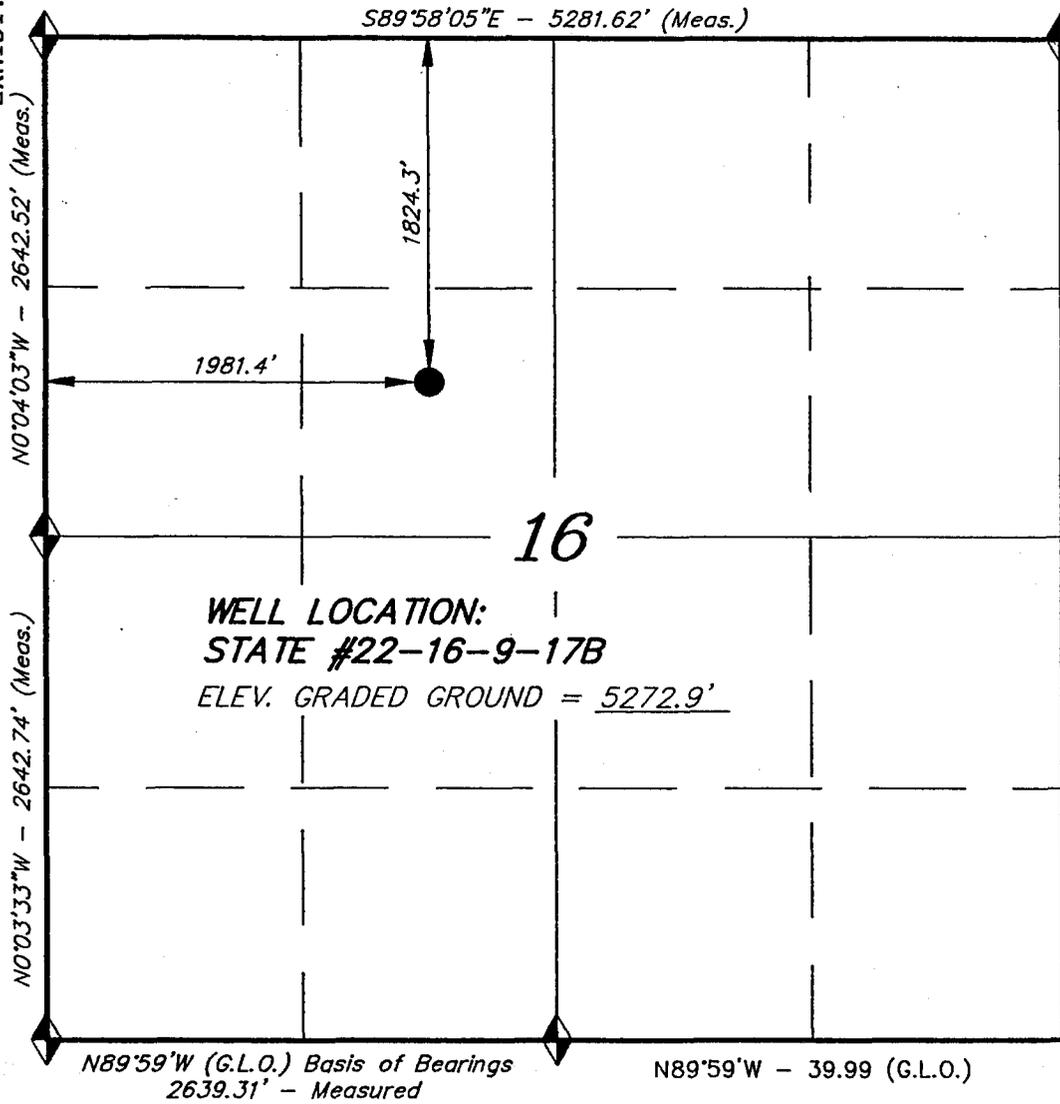
DATE: 1/3/96

BY: JAY Matthews

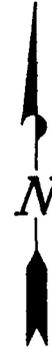
T9S, R17E, S.L.B.&M.

**EQUITABLE RESOURCES ENERGY CO.**

EXHIBIT "K"

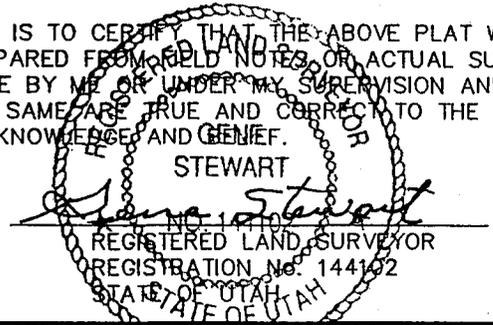


WELL LOCATION, STATE #22-16-9-17B,  
 LOCATED AS SHOWN IN THE SE 1/4 NW 1/4  
 OF SECTION 16, T9S, R17E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



**16**  
**WELL LOCATION:**  
**STATE #22-16-9-17B**  
 ELEV. GRADED GROUND = 5272.9'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
 PREPARED FROM FIELD NOTES OR 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: S.S. G.O. K.S.
DATE: 10-26-95	WEATHER: COOL
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED  
 BASIS OF BEARINGS; G.L.O. DATED 1910  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

November 30, 1995

-- VIA FEDERAL EXPRESS --

State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180

Gentlemen:

RE: Monument State #22-16-9-17B  
SE NW Section 16, T9S, R17E  
Duchesne County, Utah

Enclosed is our Application for Permit to Drill the referenced well. As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

Our Production Supervisor, Dan Farnsworth, will be contacting your representative in the area to set up an onsite inspection of this location.

If you have any questions or need additional information, please give me a call at (406) 259-7860, extension 240.

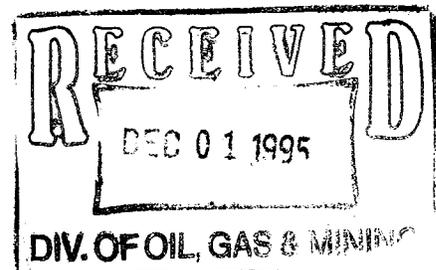
Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosure

cc: Dan Farnsworth



**CONFIDENTIAL**

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: <b>ML-3453-B</b>
1A. Type of Work: <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: <b>n/a</b>
B. Type of Well: <b>OIL</b> <input checked="" type="checkbox"/> <b>GAS</b> <input type="checkbox"/> OTHER: <b>SINGLE ZONE</b> <input type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>		7. Unit Agreement Name: <b>Beluga Unit</b>
2. Name of Operator: <b>Equitable Resources Energy Company, Balcron Oil Division</b>		8. Farm or Lease Name: <b>Monument State</b>
3. Address and Telephone Number: <b>1601 Lewis Avenue; Billings, MT 59102</b>		9. Well Number: <b>#22-16-9-17B</b>
4. Location of Well (Footages) At Surface: <b>SE NW Section 16, T9S, R17E                      1824' FNL, 1981' FWL</b> At Proposed Producing Zone:		10. Field and Pool, or Wildcat: <b>Monument Butte/Grn.Rvr.</b>
14. Distance in miles and direction from nearest town or post office: <b>From Myton, Utah, approximately 15.7 miles SW</b>		11. Ctr/Ctr, Section, Township, Range, Meridian: <b>SENW 16,T9S,R17E</b>
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	12. County: <b>Duchesne</b>
17. Number of acres assigned to this well:	13. State: <b>UTAH</b>	18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):
19. Proposed Depth: <b>5,600'</b>	20. Rotary or cable tools: <b>Rotary</b>	21. Elevations (show whether DF, RT, GR, etc.): <b>GL 5273'</b>
22. Approximate date work will start: <b>January 25, 1996</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

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

Operator proposes to drill this well in accordance with the attached EXHIBITS.

NOTE: This was formerly the CKM State #16-6 well; surface casing is set.

As operator, we hereby request that the status of this well be held tight in accordance with State regulations.

ORIGINAL: Utah Division of Oil, Gas and Mining (Salt Lake City, UT)

**RECEIVED**  
JAN 30 1995

DIV. OF OIL GAS & MINING

24. Name & Signature: <u><i>Bobbie Schuman</i></u>	Title: <b>Regulatory and Environmental Specialist</b>	Date: <u>11-30-95</u>
--	---	-----------------------

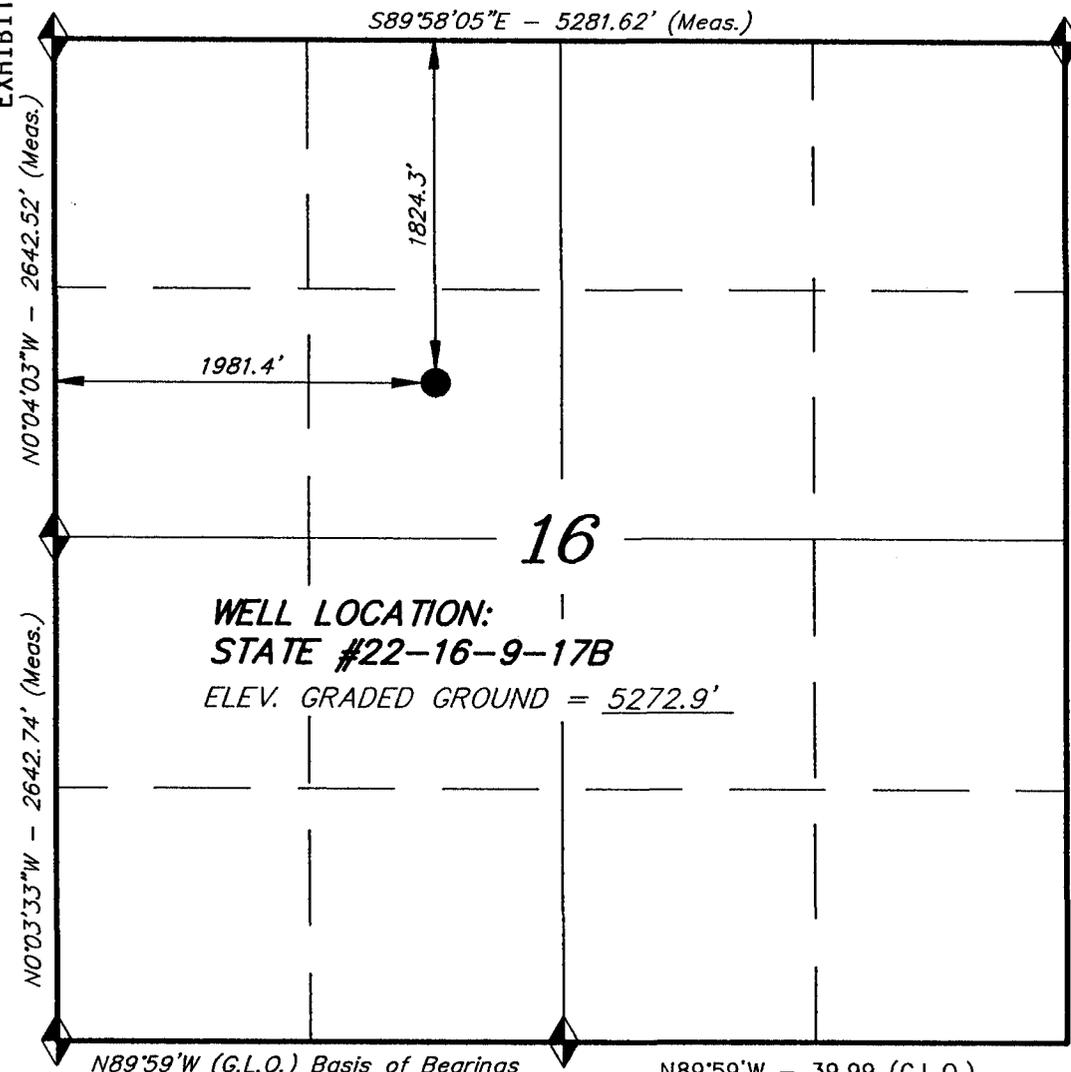
space for State use only)  
API Number Assigned: 43-013-31579

Approval: *John Mathew*  
DATE: 1/13/96

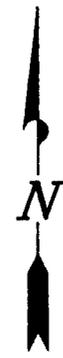
T9S, R17E, S.L.B.&M.

**EQUITABLE RESOURCES ENERGY CO.**

EXHIBIT "K"

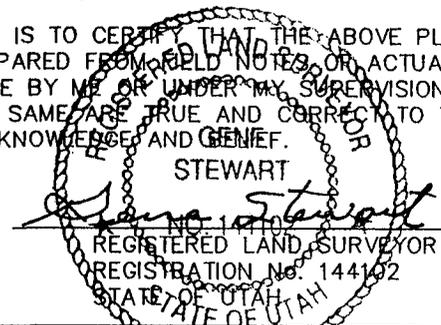


WELL LOCATION, STATE #22-16-9-17B,  
 LOCATED AS SHOWN IN THE SE 1/4 NW 1/4  
 OF SECTION 16, T9S, R17E, S.L.B.&M.  
 DUCHESNE COUNTY, UTAH.



**WELL LOCATION:**  
**STATE #22-16-9-17B**  
 ELEV. GRADED GROUND = 5272.9'

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

SCALE: 1" = 1000'	SURVEYED BY: S.S. G.O. K.S.
DATE: 10-26-95	WEATHER: COOL
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED  
 BASIS OF BEARINGS; G.L.O. DATED 1910  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

# **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,  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument State #22-16-9-17B  
SE NW Section 16, T9S, R17E  
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.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Monument State #22-16-9-17B  
SE NW Section 16, T9S, R17E  
Duchesne County, Utah

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

1. EXISTING ROADS:

- a. Proceed west from Myton, UT on Highway 40 for 1.6 miles to the intersection of Highway 40 and the Sand Wash Road. Turn left and proceed along the Sand Wash road 11.5 miles to a road intersection. Turn left and continue 0.9 miles to a road intersection. Turn left and proceed 1.1 miles to a road intersection. Turn left and continue 0.6 miles to existing location which is at the end of the existing road.
- b. 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 0.6 miles of new access is required.
- b. All travel will be confined to location and access routes.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

See EXHIBIT "J" for the Proposed Production Facility layout.

5. WATER SUPPLY:

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 at an approved facility according to local and state regulations. 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. 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.

f. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None are 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".
- d. No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- e. 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.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The State will be contacted prior to commencement 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.
- 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 to the approximate natural contours. 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:

State of Utah  
355 West North Temple  
3 Triad Center  
Salt Lake City, UT 84180

12. OTHER INFORMATION:

- a. An Archeology Survey has been ordered and will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the State.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the State Division of Oil, Gas and Mining conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Operations Manager      Home: (406) 248-3864  
Mobile: (406) 698-3732

Dale Griffin, Operations Supervisor      Mobile: (801) 828-7291  
Home: (801) 781-1018

# Equitable Resources Well Prognosis

EXHIBIT "C"

<b>Well Name</b> <u>MONUMENT STATE #22-16-9-17B</u>	<b>Exploratory</b> _____	<b>Control Well</b> <u>DD STATE 16-5</u>
<b>Location</b> <u>SE/NW SECTION 16-T9S-R17E (1824 FNL, 1981 FWL)</u>	<b>Development</b> <u>X</u>	<b>Operator</b> <u>PARADOX</u>
<b>County</b> <u>DUCHESNE</u>	<b>Field</b> <u>BELUGA</u>	<b>KB</b> <u>5337</u>
<b>State</b> <u>UTAH</u>	<b>Section</b> <u>SE/NW 16</u>	<b>Section</b> <u>SW/NW 16</u>
<b>Total Depth</b> <u>5600</u>	<b>Township</b> <u>9S</u>	<b>Township</b> <u>9S</u>
<b>GL (Ung)</b> <u>5273</u>	<b>Range</b> <u>17E</u>	<b>Range</b> <u>17E</u>
<b>EST. KB</b> <u>5282</u>		

Formation Tops	Prognosis		Sample Top		Control Well		High/Low		Deviation
	Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	
UINTA	<u>SURFACE</u>								
GREEN RIVER	<u>1300</u>	<u>3982</u>			<u>3982</u>				
HORSE BENCH SS	<u>2030</u>	<u>3252</u>			<u>3262</u>				
2ND GARDEN GULCH	<u>3637</u>	<u>1645</u>			<u>1655</u>				
YELLOW MARKER	<u>4245</u>	<u>1037</u>			<u>1047</u>				
DOUGLAS CREEK	<u>4409</u>	<u>873</u>			<u>883</u>				
R-1 (PAY)	<u>4432</u>	<u>850</u>			<u>860</u>				
R-2 (PAY)	<u>4507</u>	<u>775</u>			<u>785</u>				
R-5 (PAY)	<u>4595</u>	<u>687</u>			<u>697</u>				
2ND DOUGLAS CREEK	<u>4647</u>	<u>635</u>			<u>645</u>				
G-1U (PAY)	<u>4665</u>	<u>617</u>			<u>627</u>				
G-1L (PAY)	<u>4747</u>	<u>535</u>			<u>545</u>				
GREEN MARKER	<u>4784</u>	<u>498</u>			<u>508</u>				
G-3 (PAY)	<u>4849</u>	<u>433</u>			<u>443</u>				
G-4 (PAY)	<u>4885</u>	<u>397</u>			<u>407</u>				
BLACK SHALE FACIES	<u>5051</u>	<u>231</u>			<u>241</u>				
CARBONATE MARKER	<u>5250</u>	<u>32</u>			<u>42</u>				
B-1 (PAY)	<u>5289</u>	<u>-7</u>			<u>3</u>				
B-3 (PAY)	<u>5419</u>	<u>-137</u>			<u>-127</u>				
TD	<u>5600</u>								

**Samples**

50' FROM 1250' TO 3650'

20' FROM 3650' TO TD

5' THROUGH EXPECTED PAY

5' THROUGH DRILLING BREAKS

**DST,s**

DST #1 \_\_\_\_\_

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 3400' TO TD

**Cores**

Core #1 \_\_\_\_\_

Core #2 \_\_\_\_\_

Core #3 \_\_\_\_\_

Core #4 \_\_\_\_\_

**Mud Logger/Hot Wire**

Company: \_\_\_\_\_

Required: (Yes/No) YES

Type: 2 MAN

Logger: \_\_\_\_\_

Phone # \_\_\_\_\_

Fax # \_\_\_\_\_

**Comments:** \_\_\_\_\_

<b>Report To:</b> 1st Name: <u>DAVE BICKERSTAFF</u>	Phone # <u>(406)259-7860</u>	wk. <u>(406)245-2261</u>	hm. _____
2nd Name: <u>KEVEN REINSCHMIDT</u>	Phone # <u>(406)259-7860</u>	wk. <u>(406)248-7026</u>	hm. _____
<b>Prepared By:</b> <u>DAVE BICKERSTAFF</u>	<u>11/15/95</u>	Phone # _____	wk. _____
		hm. _____	



EQUITABLE RESOURCES  
ENERGY COMPANY  
BALCRON OIL DIVISION

**DRILLING PROGRAM**

WELL NAME: Monument State 22-16-9-17 B  
PROSPECT/FIELD: Beluga Unit  
LOCATION: SE/NW Section 16 Twn.9S Rge.17E  
COUNTY: Duchesne  
STATE: Utah

DATE: 11-29-95

TOTAL DEPTH: 5600

**HOLE SIZE INTERVAL**

12 1/4" Surface to 260'  
7 7/8" 260' to 5600'

CASING	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
STRING TYPE					
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	5600'	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 250 sacks Thrifty Lite and 400 sacks 50-50 Poz.  
(Actual cement volumes will 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.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: State 22-16-9-17B
Project ID:	Location: Duchesne/Utah

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 2058 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)  
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,600	5-1/2"	15.50	K-55	ST&C	5,600	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2618	4040	1.543	2618	4810	1.84	86.80	222	2.56 J

Prepared by : McCoskery, Billings, MT  
 Date : 11-30-1995  
 Remarks :

Minimum segment length for the 5,600 foot well is 1,500 feet.  
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and  
 2,618 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guide-  
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with  
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body  
 Yield. 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 1990 pricing model. (Version 1.0G)

EXHIBIT E

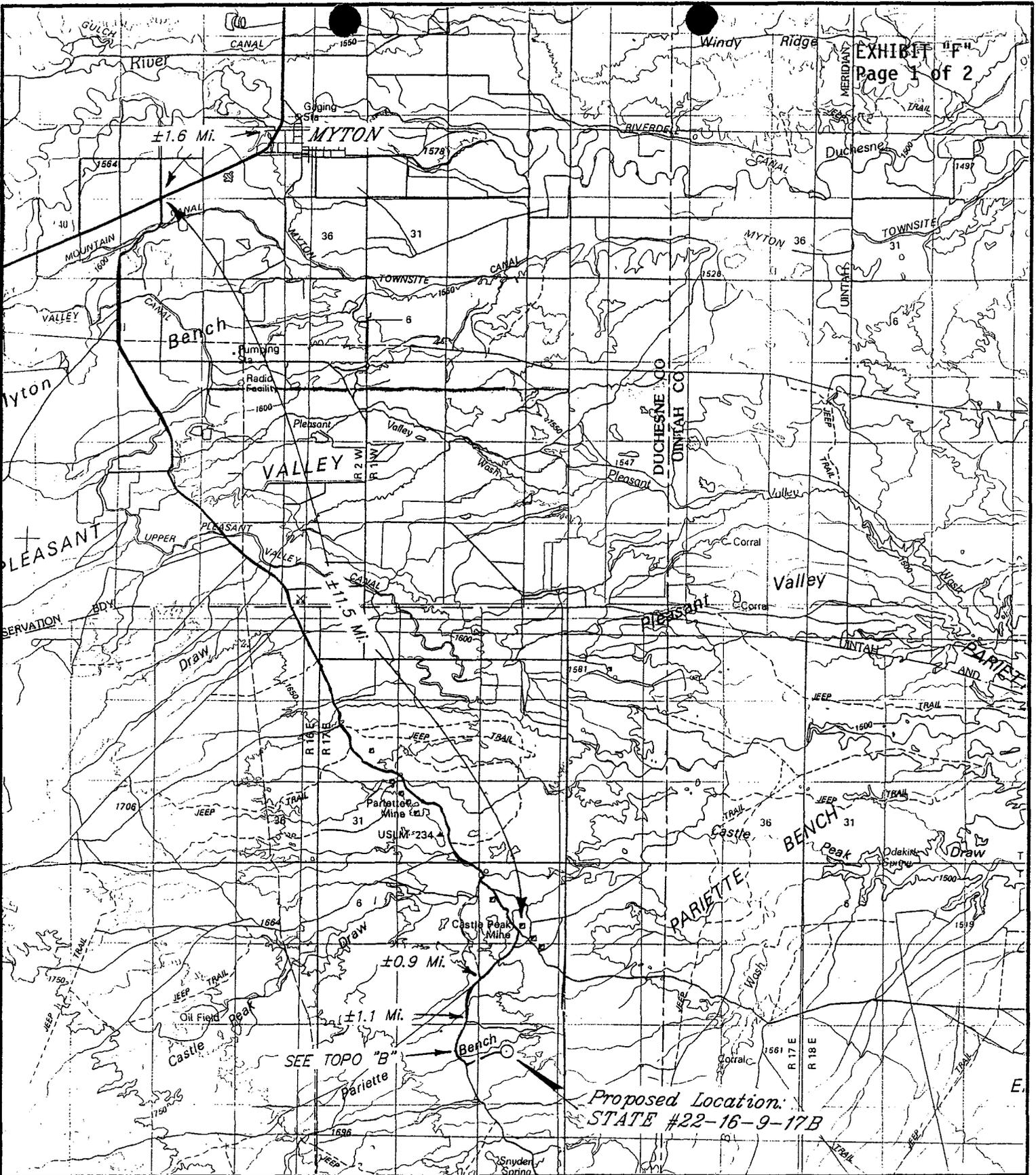
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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 (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

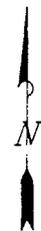
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

12/1/93  
Revised 12/7/93  
/rs

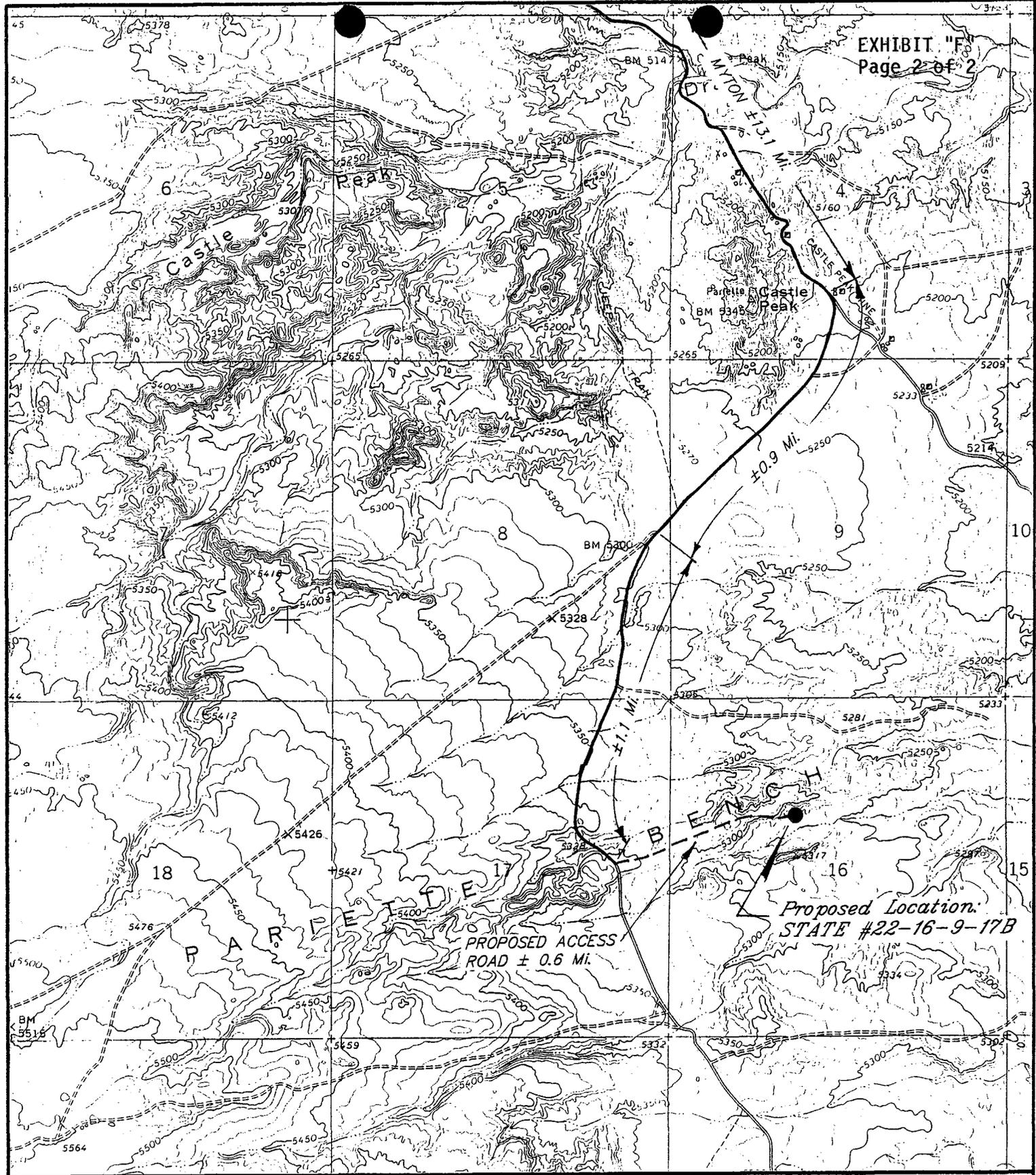


**EQUITABLE RESOURCES CO.**

STATE #22-16-9-17B  
SEC. 16, T9S, R17E, S.L.B.&M.  
TOPO "A"



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



***EQUITABLE RESOURCES CO.***

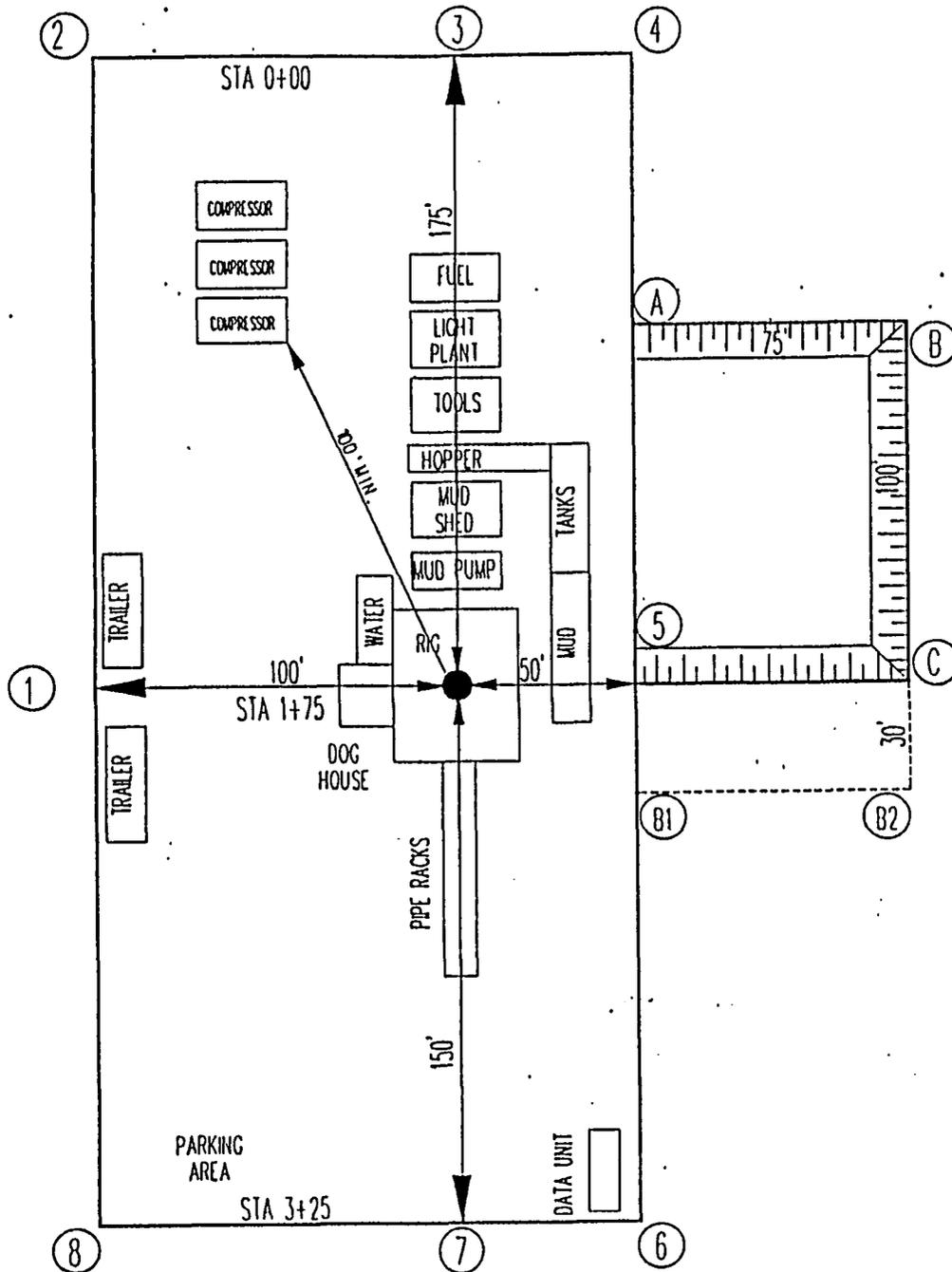
STATE #22-16-9-17B  
SEC. 16, T9S, R17E, S.L.B.&M.  
TOPO "B"



SCALE: 1" = 2000'

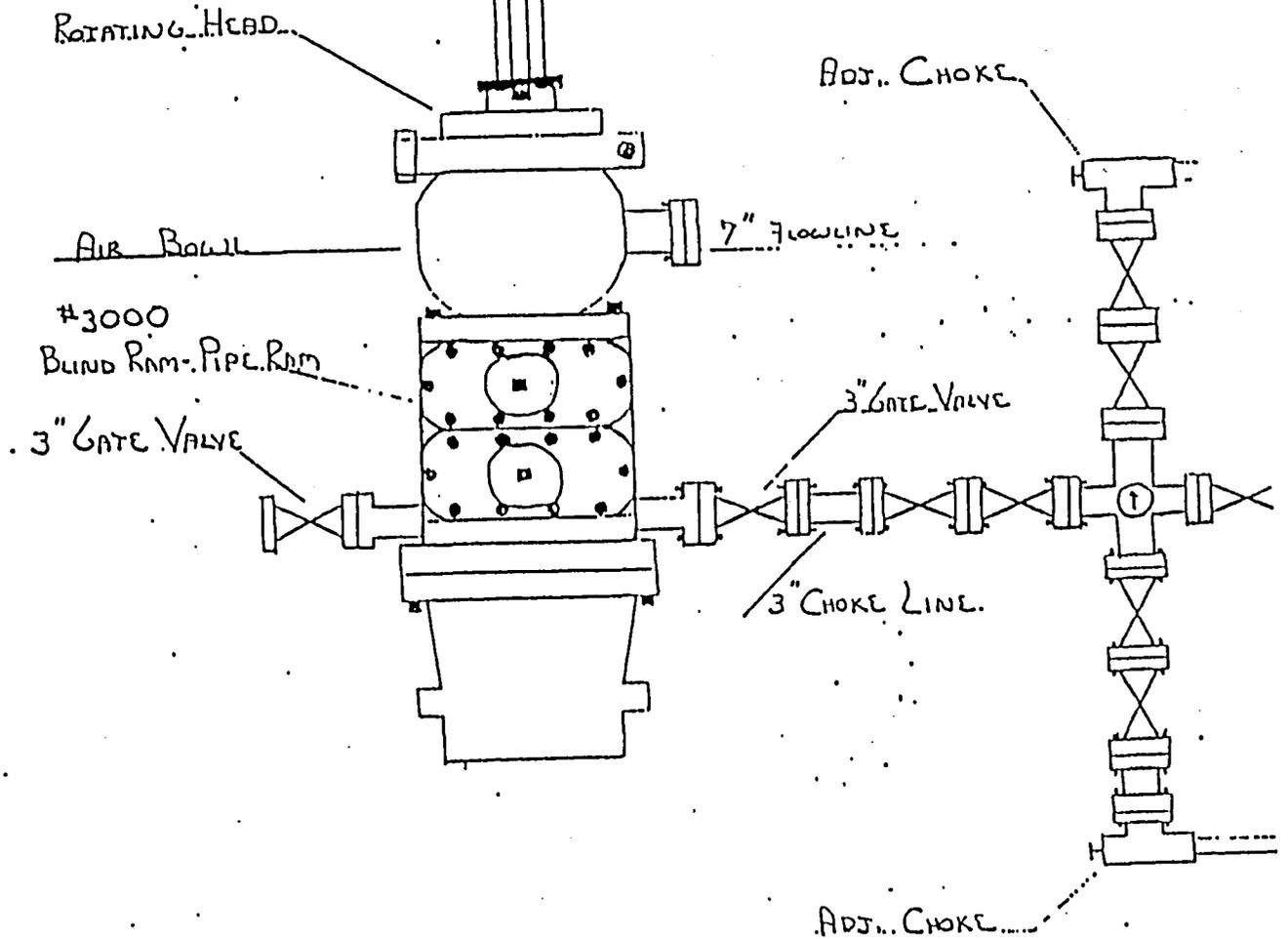
***Tri State***  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



UNION DRILLING RIG #17

Hex Kelly -



#3000 Stack

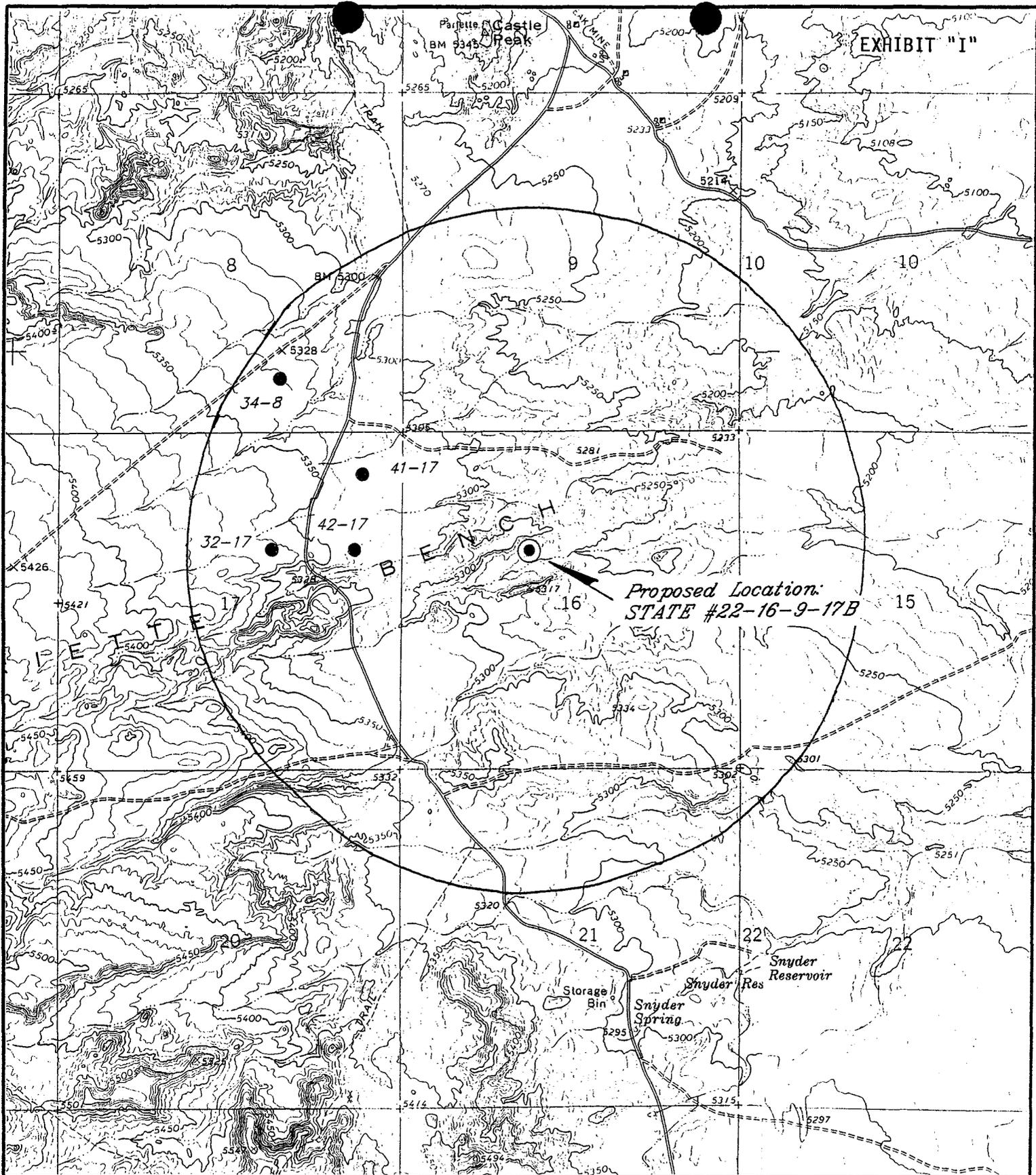


EXHIBIT "I"

**EQUITABLE RESOURCES CO.**

STATE #22-16-9-17B  
 SEC. 16, T9S, R17E, 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

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

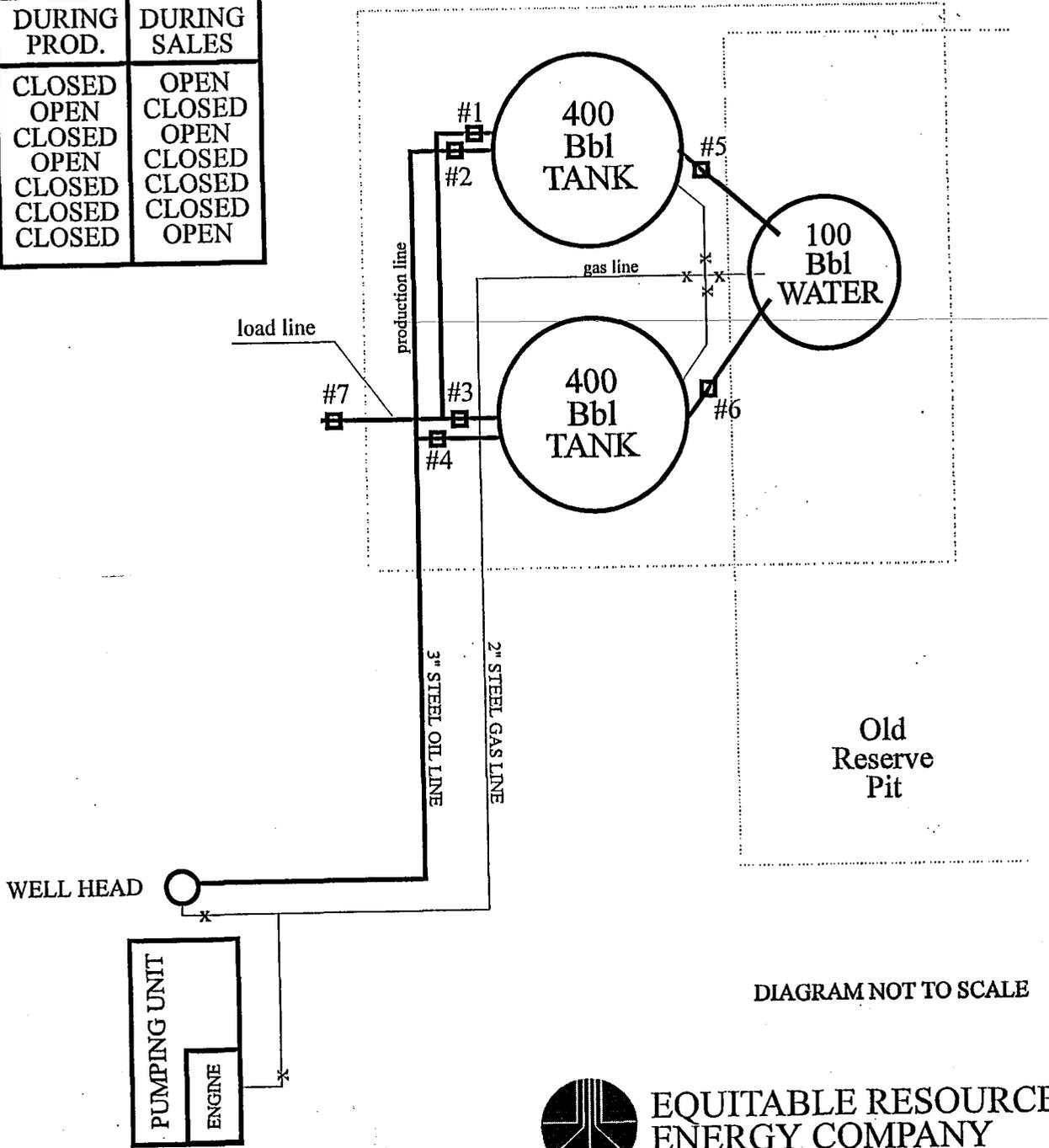


DIAGRAM NOT TO SCALE



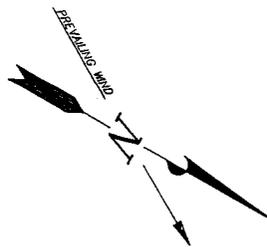
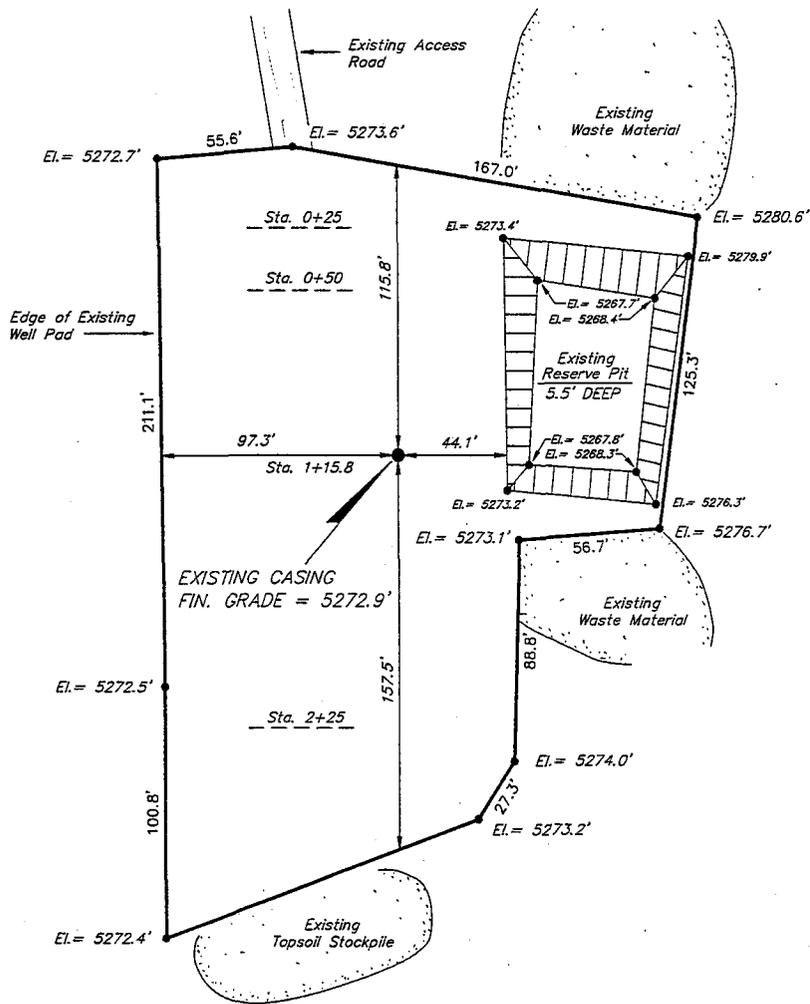
**EQUITABLE RESOURCES  
ENERGY COMPANY**

BALCRON OIL DIVISION

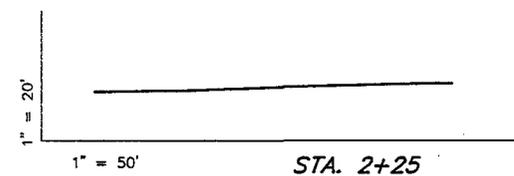
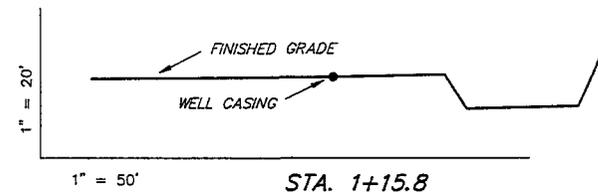
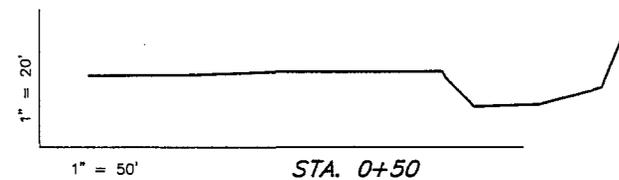
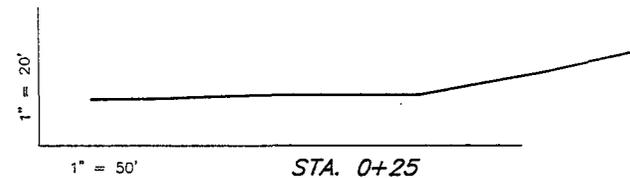
1601 Lewis Avenue  
Billings, MT 59104-2  
(406) 259-7860

# EQUITABLE RESOURCES ENERGY CO.

STATE #22-16-9-17B  
SECTION 16, T9S, R17E, S.L.B.&M.



SCALE: 1" = 50'



SURVEYED BY: S.S. G.O.
DRAWN BY: J.R.S.
DATE: 10-26-95
SCALE: 1" = 50'
FILE:

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

EXHIBIT "L"

JAN 2 1996

APPLICATION FOR INJECTION WELL - VIC FORM 1

OPERATOR Equitable Resources Energy Company,  
Balcron Oil Division  
ADDRESS 1601 Lewis Avenue  
Billings, MT 59102

Well name and number: Monument State #22-16-9-17B  
Field or Unit name: Beluga Unit Lease no. ML-3453-B  
Well location: QQ SE NW section 16 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . . Yes  No   
Will the proposed well be used for: Enhanced Recovery? . . . Yes  No   
Disposal? . . . . . Yes  No   
Storage? . . . . . Yes  No   
Is this application for a new well to be drilled? . . . . . Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes  No   
Date of test: \_\_\_\_\_ Formerly 43-013-31145. Only surface  
API number: \_\_\_\_\_ casing set.

Proposed injection interval: from 3950' to 5370'  
Proposed maximum injection: rate 500 BPD pressure 2100 psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2  
mile of the well.

**IMPORTANT:** Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Will be filed separately.

I certify that this report is true and complete to the best of my knowledge.  
Name Bobbie Schuman Signature Bobbie Schuman  
Title Regulatory & Environmental Specialist Date November 14, 1995  
Phone No. (406) 259-7860

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

OPERATOR EQUITABLE RESOURCES ENERGY

OPERATOR ACCT. NO. N 9890

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11195	11880	43-013-31145	MON. ST 22-16-9-17B	SEW	16	9S	17E	DUCHESNE	2-17-96	
WELL 1 COMMENTS: *THIS WELL WAS ASSIGNED API 43-013-31579 IN ERROR;SHOULD HAVE BEEN SET UP AS A RE-ENTRY UNDER API 43-013-31145. WELL INFO IS BEING COMBINED ON SYSTEM UNDER API 43-013-31145;ENTITY 11880 BELUGA (GRRV) UNIT.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

9-13-96

Title

Date

Phone No. ( )

09/12/96

DETAIL WELL DATA

menu: opt 00

api num: 4301331579 prod zone: GRRV sec twshp range qr-qr  
entity: 11880 : BELUGA (GRRV) UNIT 16 9.0 S 17.0 E SENW  
well name: MONUMENT STATE 22-16-9-17B  
operator: N9890 : EQUITABLE RESOURCES ENERGY meridian: S  
field: 105 : MONUMENT BUTTE  
confidential flag: C confidential expires: 970616 alt addr flag:  
\*\*\* application to drill, deepen, or plug back \*\*\*  
lease number: ML-3453-B lease type: 3 well type: OW  
surface loc: 1824 FNL 1981 FWL unit name:  
prod zone loc: 1824 FNL 1981 FWL depth: 5600 proposed zone: GRRV  
elevation: 5273' GR apd date: 960103 auth code: R649-3-2  
\*\*\* completion information \*\*\* date recd: 960520 la/pa date:  
spud date: 960217 compl date: 960516 total depth: 5600'  
producing intervals: 4490-5301'  
bottom hole: 1824 FNL 1981 FWL first prod: well status: SOW  
24hr oil: 24hr gas: 24hr water: gas/oil ratio:  
\*\*\* well comments: directionl: api gravity:  
960226 ENTITY ADDED:960522 SIWO INJ PER WCR REC'D 5/20/96:

opt: 21 api: 4301331579 zone: GRRV date(yymm): 9600 enty 11880 acct:

09/12/96

DETAIL WELL DATA

menu: opt 00

api num: 4301331145 prod zone: sec twshp range qr-qr  
entity: 11195 : STATE #16-6 16 9.0 S 17.0 E SENW  
well name: STATE 16-6  
operator: N9890 : EQUITABLE RESOURCES ENERGY meridian: S  
field: 105 : MONUMENT BUTTE  
confidential flag: confidential expires: alt addr flag:  
\*\*\* application to drill, deepen, or plug back \*\*\*  
lease number: ML-3453-B lease type: 3 well type: OW  
surface loc: 1827 FNL 1981 FWL unit name:  
prod zone loc: 1827 FNL 1981 FWL depth: 6000 proposed zone: WSTC  
elevation: 5268' GR apd date: 851203 auth code: C-3(B)  
\* \* completion information \* \* date recd: la/pa date:  
spud date: 851209 compl date: 860121 total depth: 300'  
producing intervals:  
bottom hole: first prod: well status: TA  
24hr oil: 24hr gas: 24hr water: gas/oil ratio:  
\* \* well comments: directionl: api gravity:  
900118 DRL SUSP:910115 ENTITY ADDED:(TA'D;TO GET WELL ON TAD;USING 1-21-86  
INSP AS COMPL DATE:950714 OPER FR N2090 EFF 5-22-95:

opt: 21 api: 4301331145 zone: GRRV date(yymm): 9600 enty 11880 acct:



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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

January 3, 1996

Equitable Resources Energy  
P.O. Box 21017  
Billings, Montana 59104

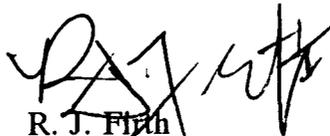
Re: Monument State #22-16-9-17B Well, 1824' FNL, 1981' FWL, SE NW, Sec. 16,  
T. 9 S., R. 17 E., Duchesne County, Utah

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 43-013-31579.

Sincerely,

  
R. J. Flinn  
Associate Director

lwp

Enclosures

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



Operator: Equitable Resources Energy  
Well Name & Number: Monument State #22-16-9-17B  
API Number: 43-013-31579  
Lease: ML-3453-B  
Location: SE NW Sec. 16 T. 9 S. R. 17 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)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

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.

4. On-site Predrill Evaluation and Review

Compliance with all requirements and stipulations developed during the onsite evaluation and review.

## DAILY OPERATING REPORT

### MONUMENT STATE #22-16-9-17B

**Location: SE NW Section 16, T9S, R17E**

**Duchesne County, Utah**

---TIGHT HOLE---

**1824' FNL & 1981' FWL**

**PTD: 5600' Formation: Green River**

**Monument Butte Field/Beluga Unit**

**API #43-013-31579 (1-3-96)**

**Elevations: 5273' GL**

**Contractor:**

**Operator: Balcron/EREC**

**Spud: 02/17/96 @ 4:00 PM**

**Casing:**

### **Tubing:**

02/17/96	MIRU Union Drilling Rig #17. Spud well at 4:00 PM on 02/17/96. Drill 340'. DC: \$6,120	CC: \$6,120
02/18/96	TD: 731' (391') Day 1 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole Drilling. 8-5/8" csg previously set at 305'KB and cemented w/160 sks cement. DC: \$7,038	CC: \$13,158
02/19/96	TD: 2,481' (1,750') Day 2 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole Drilling. DC: \$31,500	CC: \$44,658
02/20/96	TD: 3,770' (1,289') Day 3 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole Drilling. DC: \$23,202	CC: \$67,860
02/21/96	TD 4,354' (584') Day 4 Formation: Sand & Shale Present Operation: Drilling 7-7/8" hole DC: \$10,512	CC: \$78,372
02/22/96	TD: 4,656' (302') Day: 5 Formation: Sand & Shale Present Operation: TIH w/magnet DC: \$5,436	CC: \$83,808

**DAILY OPERATING REPORT**

**MONUMENT STATE #22-16-9-17B**

**Location:** SE NW Section 16, T9S, R17E  
**County/State:** Duchesne County, Utah  
**Prospect:** Monument Butte Field/Beluga Unit

---TIGHT HOLE---

02/23/96 TD: 5,143' (481') Day: 6  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$8,658 CC: \$92,466

02/24/96 TD: 5,600' (457') Day: 7  
Formation: Sand & Shale  
Present Operation: Drill  
Drill. Wait on Transmission.  
DC: \$8,226 CC: \$100,692

02/25/96 WO Transmission

02/26/96 TD: 5,600' (0') Day 9  
PRESENT OPERATION: Run csg  
Run 5-1/2" csg as follows:

Shoe	.90'
1 - shoe jt	45.02'
Float Collar	1.10'
129 jts 5-1/2" csg	5,515.69'
KB	10.00'
TD	5,572.71'
PBTD	5,525.69'

Cement as follows: Lead - 204 sks super "G", 47#/sk "G" + 3#/sk poz + 34#/sk BA91 + 3% salt + 2% gel + 2#/sk high seal, 2 + 1/4#/sk cello flake. Tail = 455 sks 50/50 poz + 2% gel + 1/4# sk cello seal + 2#/sk Kol seal..

CC: \$162,816

02/29/96 Completion  
MIRU Basin Well Service Rig #2. TIH w/4-3/4" bit, csg scrapper and 176 jts 2-7/8" tbg. Tag PBTD at 5,527'.  
Circulate hole clean w/135 bbls 2% KCL water. TOOH w/tbg and tools. SWIFN.  
DC: \$2,741 CC: \$103,433

03/01/96 Completion  
RU Schlumberger to run CBL and perf. Run CBL from 5,513'KB to 650'KB. TOC 850'KB. Perf 5,294' - 5,301', 4 SPF. RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-3/8" x 2-7/8" cross over, 2-7/8" SN, and 170 jts 2-7/8" tbg. Set BP at 5,355'KB. EOT at 5,245'KB, set pkr at 5,233'KB. SWIFN.  
DC: \$5,394 CC: \$108,827

## DAILY OPERATING REPORT

### MONUMENT STATE #22-16-9-17B

**Location:** SE NW Section 16, T9S, R17E  
**County/State:** Duchesne County, Utah  
**Prospect:** Monument Butte Field/Beluga Unit

---TIGHT HOLE---

03/04/96

**Completion**

RU BJ Service & break down 5,294'-5,301'. Used 64 bbls water. Flowed back 8 bbls water. Break down as follows: 2,688 gal. 2% KCL water. ATP = 4,000psi. ATR = 4.8 bpm. ISIP = 1,200psi. TOOH w/tbg, pkr & retrieving tool. RU BJ Service & frac 5,294'-5,301'. Treat as follows: 12,012 gal 2% KCL gelled water. 9,760 lbs. 20/40 sand, 15,460 lbs. 16/30 sand. ATP 2,000 psi. ATR 31.0 bpm. ISIP = 1,470 psi, 5 min. = 1,200 psi, 10 min. = 1,080 psi, 15 min. = 1,000 psi, 30 min. = 920 psi. Start frac. Used 286 bbls water. Start forced closure flow back. Flow back 120 bbls water. TIH w/ retrieving tool 2-3/8" x 6' sub, HD pkr, 2-3/8" x 2-7/8" " cross over, 2-7/8" seat nipple and 168 jts tbg. Flow 20 BOW. Tag sand at 5,278' KB. Circulate down to 5,345' KB. Pull up and set pkr at 5,233' KB. SWIFN.

DC: \$2,388

CC: \$111,215

03/05/96

**Completion**

Fluid level, surface. Made 22 swab runs. Recovered 7 bbls oil and 97 bbls water, trace sand. Oil 55% last 2 runs. Fluid level 3,900' last 4 runs. No sand last 6 runs. Release pkr. Tag sand at 5,340'KB. Circulate down to BP at 5,355'KB. Used 10 BOW. Reset BP at 4,925'KB. Test to 1,500psi, OK. TOOH w/tbg, pkr and retrieving tool. SWIFN.

DC: \$3,759

CC: \$114,974

03/06/96

**Completion**

RU Schlumberger and Perf. 4,848'-52', 4,857'-62', 4,868'-73', 4-SPF. RD Schlumberger. TIH w/retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" seat nipple, 152 jts tbg. Set pkr at 4,791'KB, EOT at 4,803'KB. SWIFN.

DC: \$2,806

CC: \$117,780

03/07/96

**Completion**

RU BJ Services to break down and frac. Break down 4,848' - 4,873'. Break down with 2,856 gal 2% KCL water. ATP = 2,650psi, ATR = 3.5bpm, ISIP = 1,450psi. Used 68 bbls water. Flowed back 15 bbls water. TOOH w/tbg, pkr and retrieving tool. Frac 4,848' - 4,873' Frac with 16,170 gal 2% KCL water, 44,780 lbs 16/30. ATP = 2,000 gal, ATR = 31.0 bpm, ISIP = 2,050psi, 5 min. = 1,850psi, 10 min. = 1,720psi, 15 min = 1,670psi. Start Frac. End Frac. Used 385 bbls water. TOOH w/tbg, pkr and retrieving tool. RU Schlumberger and set wire line, set retrievable BP at 4,585' KB, perf 4,490'-98' and 4,500'-02' 4-SPF. TIH w/ retrieving tool, 2-3/8" x 6' sub, HD pkr, 2-7/8" seat nipple and 140 jts tbg. Set pkr at 4,413' KB. Break down 4,490' - 4,502'. Break down with 2,058 gal 2% KCL water. ATP = 3,155psi, ATR = 3.0bpm, ISIP = 600psi. Used 49 bbls water. TOOH w/tbg, pkr and retrieving tool. Frac 4,490'-98' and 4,500'-02'. Frac with 12,642 gal 2% KCL water, 32,860 lbs. 16/30. ATP = 2,400psi, ATR = 31.4bpm, ISIP = 2,100psi, 5 min - 1,940psi, 10 min = 1,630psi, 15 min = 1,270psi, 30 min = 250psi. Start frac. End frac. Used 301 bbls water. Start forced closure flow back, .5 bpm, flow back 15 BOW. SWIFN.

DC: \$ 43,466

CC: \$161,246



**DAILY OPERATING REPORT**

**MONUMENT STATE #22-16-9-17B**

**Location:** SE NW Section 16, T9S, R17E  
**County/State:** Duchesne County, Utah  
**Prospect:** Monument Butte Field/Beluga Unit

---TIGHT HOLE---

03/14/96

Completion

Pump 40 bbls 2% KCL water down tag to equalize psi. Unset pkr. Tag sand at 4,803'KB. Circulate down to BP at 4,925'KB. Used 650 bbls water. Release BP. TOOH w/tbg, pkr and BP. TIH w/injection string (tbg)

	Length	Depth BP
1 arrow set - 1 pkr 2" x 5-1/2"	6.50'	4,421.92'
1-Seat Nipple 2-7/8"	1.10'	4,415.24'
140 jts 2-7/8" EUE J-55 8 RD 6.5#	4,405.24'	4,414.24'
ND BOP, NU 3M well head	KB 9.00'	

Pump 55 Gal Champion Cortron R-2383 pkr fluid. Mixed 2/65 bbls water down annulus. Set pkr w/18" tension. Flange up well head. Press, test annulus to 1,000psi. 45 min no loss. SWI. RDMO.

DC: \$5,153

CC: \$194,327

**CULTURAL RESOURCE EVALUATION  
OF FOUR PROPOSED WELL LOCATIONS & ACCESS ROUTES  
IN THE CASTLE PEAK DRAW LOCALITY  
UINTAH & DUCHESNE COUNTIES, UTAH**

Report Prepared for Balcron Oil Division  
(Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17, 23-16-9-17)

Dept. of Interior Permit No.: UT-95-54937  
AERC Project 1512 (BLCR-95-8A)

Utah State Project No.: UT-95-AF-664b,s

Principal Investigator  
F. Richard Hauck, Ph.D.

Author of the Report  
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH  
CORPORATION (AERC)**

181 North 200 West, Suite 5  
Bountiful, Utah 84010

January 19, 1996

## ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Division of four proposed well locations (Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17 and 23-16-9-17) and their 1.6 miles of associated access routes situated on Utah State lands and public lands (BLM: Vernal District). This project area is located in the Castle Peak Draw locality of Uintah & Duchesne Counties, Utah. This evaluation involved a total of 59.4 acres. These evaluations were conducted by Richard Beaty and Michael Hauck of AERC between November 28 and December 8, 1995.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations.

No isolated diagnostic artifacts were noted during the investigations.

No paleontological loci were identified during the surface examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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MAP 3: Cultural Resource Survey of Balcron Locations in the Castle Peak Draw Locality of Duchesne & Uintah Counties, Utah (Monument State Units 13-16-9-17, 22-16-9-17, 23-16-9-17) . . . . .	4

## GENERAL INFORMATION

On November 28 through December 8, 1995, AERC archaeologists Richard Beaty and Michael Hauck conducted an intensive cultural resource evaluation for Balcron Oil Division of Billings Montana. This examination involved four proposed well locations and associated access routes in the Castle Peak Draw locality southeast of Myton, Utah (see Maps 1 through 3). These four well locations include Monument State Units 31-2-9-17, 13-16-9-17, 22-16-9-17 and 23-16-9-17. About 1.6 miles of access routes (see Maps 2 and 3) were also examined for cultural resource presence. All four locations and 1.4 miles of access route (57 acres) are situated on Utah State lands. Portions of two access routes totaling .2 mile (2.4 acres), as shown on Map 3, are on public lands administrated by the Vernal District of the Bureau of Land Management. A total of 59.4 acres was examined; 57 acres on Utah State lands and 2.4 acres are on public lands.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access routes requires an archaeological evaluation in compliance with various state laws and U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Utah division of State Lands and Forestry and to the State Antiquities Section, Division of State History.

### Project Location

The project location is in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah. One location (Monument State Unit 31-2-9-17) is in Uintah County and is shown on the Pariette Draw SW topographic quad (see Map 2). The other three locations are in Duchesne County and are situated on the Myton SE 7.5 minute topographic quad (see Map 3).

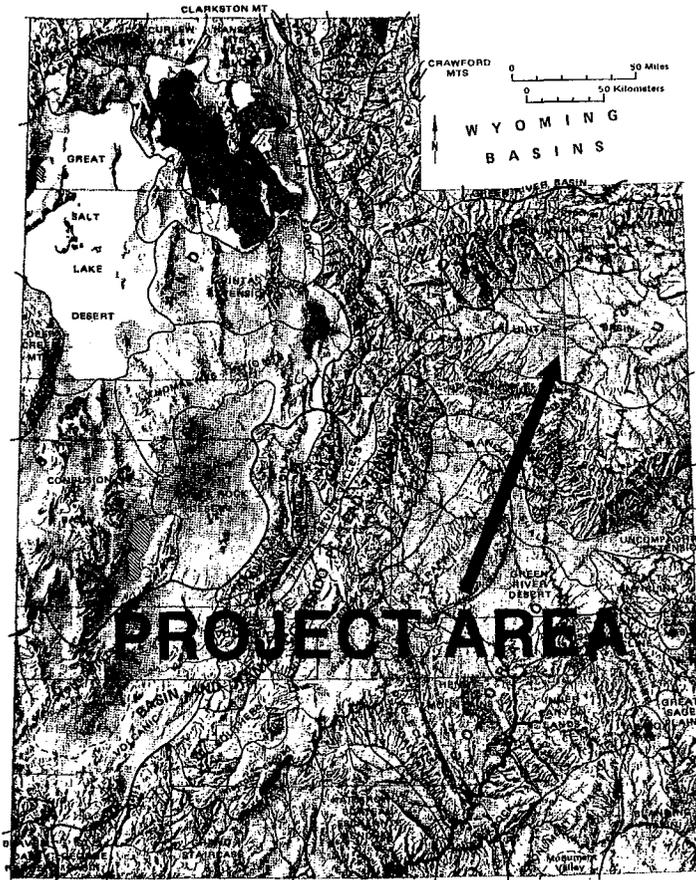
Monument State Unit 31-2-9-17 is situated in the Northwest quarter of the Northeast quarter of Section 2, Township 9 South, Range 17 East (see Map 2). Access to this location begins in the SE quarter of the NW quarter of that section and proceeds in a northerly and easterly course to the staked well pad.

Monument State Unit 13-16-9-17B is situated in the Northwest quarter of the Southwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location

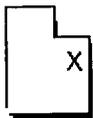
MAP 1: GENERAL PROJECT LOCALITY  
IN  
UINTAH AND DUCHESNE COUNTIES  
UTAH



PROJECT: BLCR - 95 - 8A  
SCALE: see below  
QUAD: see below  
DATE: January 18, 1996



UTAH GEOLOGICAL AND MINERAL SURVEY  
MAP 43 1977  
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH  
BY W.L. STOKES



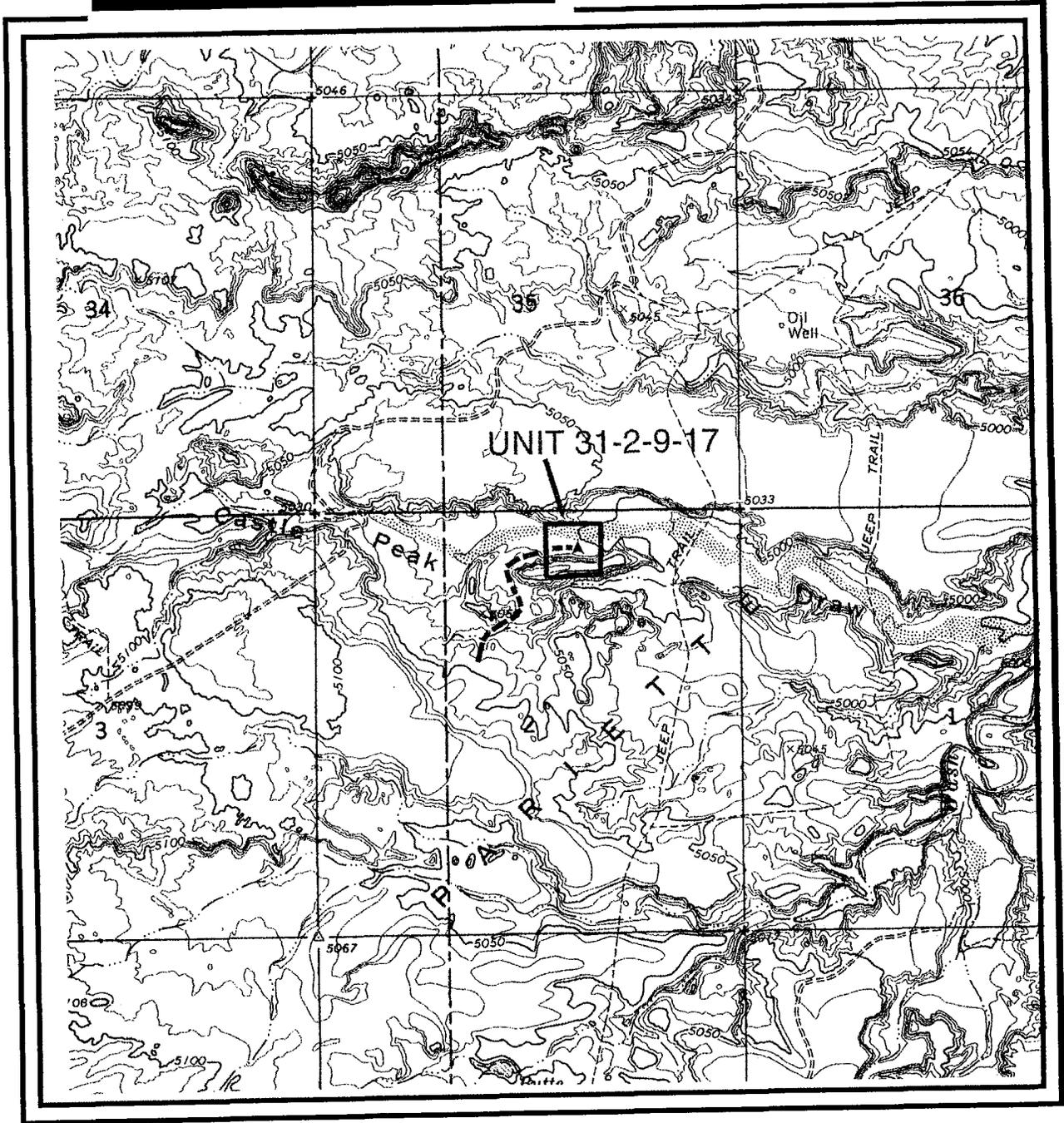
UTAH

TOWNSHIP: MULTIPLE  
RANGE: MULTIPLE  
MERIDIAN: SALT LAKE & UINTAH B. & M.

**MAP 2: CULTURAL RESOURCE SURVEY  
OF BALCRON LOCATIONS IN THE  
CASTLE PEAK DRAW LOCALITY  
OF DUCHESNE & Uintah COUNTIES  
UTAH**



**PROJECT:** BLCR - 95 - 8A  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** January 18, 1996



**LEGEND**

**TOWNSHIP:** 8 & 9 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location** ▲  
**Access Route** ———

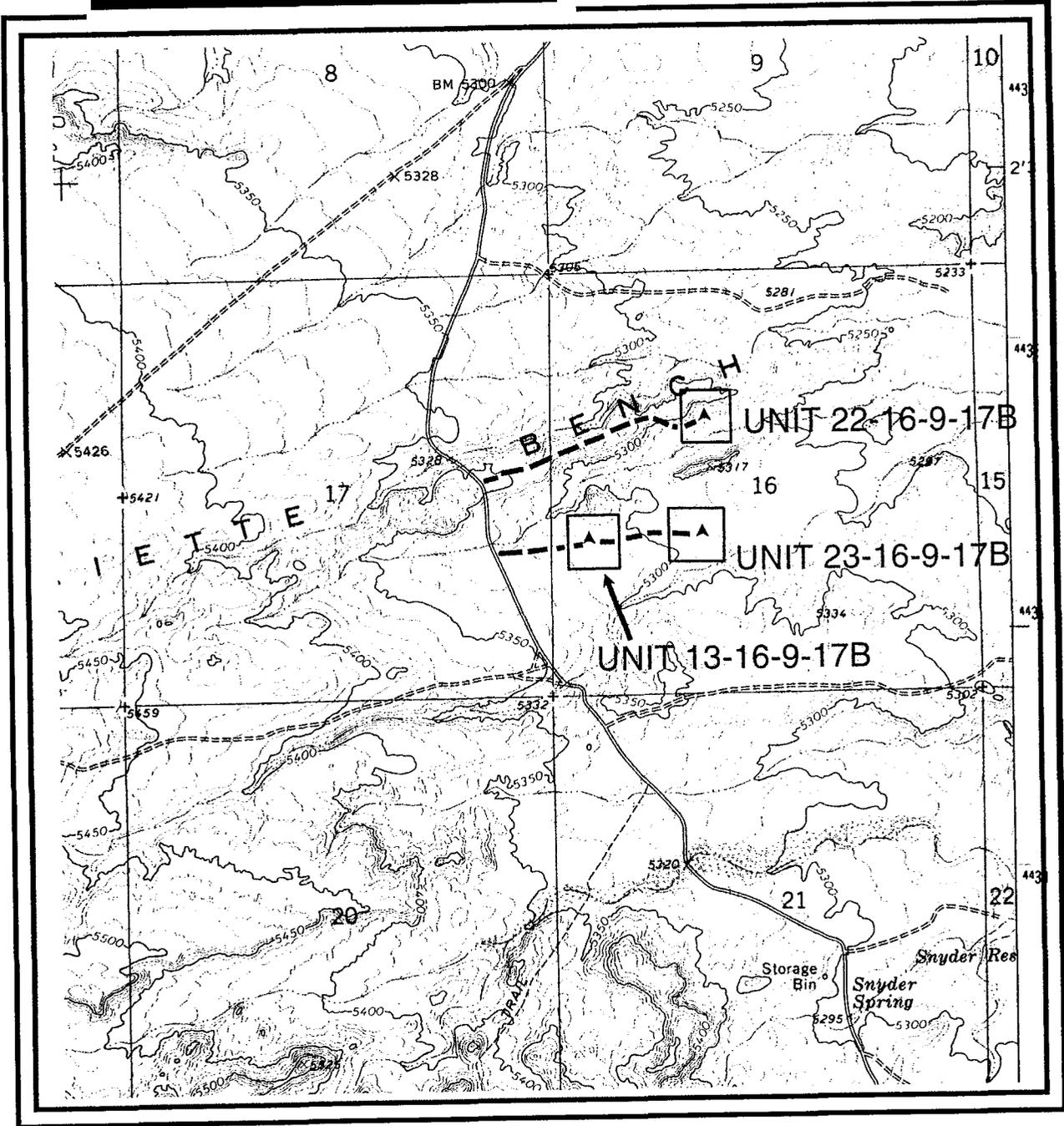
**Ten Acre Survey Area** □



**MAP 3: CULTURAL RESOURCE SURVEY  
OF BALCRON LOCATIONS IN THE  
CASTLE PEAK DRAW LOCALITY  
OF DUCHESNE & Uintah COUNTIES  
UTAH**



**PROJECT:** BLCR - 95 - 8A  
**SCALE:** 1:24,000  
**QUAD:** Myton SE, Utah  
**DATE:** January 18, 1996



**LEGEND**

**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** Salt Lake B. & M.

**Well Location** ▲  
**Access Route** - - - - -

**Ten Acre  
Survey  
Area** □



begins on public lands in the Northeast quarter of the Southeast quarter of adjacent Section 17 and proceeds east to the staked well pad.

Monument State Unit 22-16-9-17B is situated in the Southeast quarter of the Northwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location begins on public lands in the Southeast quarter of the Northeast quarter of adjacent Section 17 and proceeds in a northeasterly direction to the staked well pad.

Monument State Unit 23-16-9-17B is situated in the Northeast quarter of the Southwest quarter of Section 16, Township 9 South, Range 17 East (see Map 3). Access to this location begins on public lands in the Northeast quarter of the Southeast quarter of adjacent Section 17 and proceeds east through Monument State Unit 13-16-9-17B to the staked well pad.

### Environmental Description

The project area is within the 5000 to 5350 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

### PREVIOUS RESEARCH IN THE LOCALITY

#### File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 15, 1995. A similar search was conducted in the Vernal District Office of the BLM on November 28, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

## Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

## Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to six sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeological team walking a series of 10 to 20 meter-wide transects within each ten acre well location which includes the staked pad and an appropriate buffer zone around the well. The archaeologists also examined 100 foot-wide corridors centered on each flagged access centerline by walking similar transects. The accumulated acreage for these access transects and the four well locations contain a total of 59.4 acres.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus, i.e., site). The documentation of each specific cultural site results in its subsequently being sketched, photographed, transit mapped, and appropriately recorded on standardized site forms.

Cultural sites are then evaluated by the Principal Investigator for depth potential utilizing AERC's portable ground penetrating radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). Radar assessment within archaeological sites is accomplished by one team member pulling the radar antenna across the site's surface while the Principal Investigator "reads" data directly observable on a battery powered computer's monitor that is directly linked to the antenna. GPR is a valuable tool for determining the presence and density of any buried materials, features or strata whether cultural or natural, but it is particularly valuable in ascertaining archaeological depth potential on a site because it provides an immediate view on the computer of the buried strata and features. In addition, ground penetrating radar is a non-intrusive and non-destructive method of verifying site depth potential -- an important consideration in ensuring the protection and integrity of the rare, non-replaceable, non-renewable cultural resources.

With depth of deposit and feature/strata information provided by GPR, the standards described in the section below are used by the Principal Investigator to establish site significance. When GPR data reflecting the buried potential of the resource coupled with the Principal Investigator's surface evaluation of the site results in the determination that the site is a significant resource, i.e., it satisfies one or more of the criteria established in Title 36 CFR 60 as explained below, the Principal Investigator develops one or more mitigation actions as recommendations that can aid federal and state cultural resource administrators in facilitating the preservation of significant resources which may be situated within the potential development zone.

## Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

## Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

No previously identified and recorded significant or National Register sites were noted during the survey; Balcron's proposed development of these four well locations will not have any adverse effect on existing known cultural resources situated in this locality.

No diagnostic isolated artifacts were observed or recorded during the evaluation. One core flake fragment, possibly the results of a prehistoric "tap and test" episode was observed within the ten acre parcel associated with Monument State Unit 23-16-9-17B.

No paleontological loci were identified during the evaluations.

## CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the four proposed Balcron Oil Division well locations and access routes as identified in this report.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Division relative to the development of these proposed wells and access routes based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.  
President and Principal Investigator

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1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

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- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
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- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
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- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
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143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation  
The Salt Lake Tribune DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	D5385340L-07	04/11/96

ACCOUNT NAME	
DIV OF OIL, GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL488200561
SCHEDULE	
START 04/11/96 END 04/11/96	
CUST. REF. NO.	
UIC-170	
CAPTION	

COPY

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-170  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL OF THE 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, AND 33-17 WELLS LOCATED IN SECTIONS 7, 8, 16 AND 17, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the 44-7, 13-8, 24-8, 33-8, 1-8, 11-16, 22-16, 13-16, 11-17, POMCO #5, 22-17, 31-17, 42-17, and 33-17 wells located in Sections 7, 8, 16 and 17, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II Injection wells. The proceeding will be conducted in accordance with Utah Admin. R. 649-10, Administrative Procedures.

The interval from 3190 feet to 5596 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure will be limited to 1856 PSIG with a maximum rate of 500 BWPD.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 2nd day of April, 1996.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
R. J. Firth  
Associate Director, Oil and Gas  
48820050

NOTICE OF AGENCY ACTION CAUSE N

SIZE	
47 LINES	2.00 COLUMN
RATE	
	1.64
AD CHARGES	
	154.16
TOTAL COST	
	154.16

AFFIDAVIT OF PUBLICATION

I, \_\_\_\_\_, CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED NOTICE OF AGENCY ACTION CAUSE N \_\_\_\_\_ FOR OIL & MINING \_\_\_\_\_ WAS PUBLISHED BY THE NEWSPAPER AGENCY OR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS IN ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 04/11/96 END 04/11/96

SIGNATURE Joanne Mooney

DATE 04/11/96

NOTARY PUBLIC  
JOANNE MOONEY  
2626 Hartford St.  
Salt Lake City, UT 84108  
My Commission Expires  
March 31, 2000  
STATE OF UTAH

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: PETROGLYPH OPERATING

Well Name: MONUMENT STATE 22-16-9-17B

Api No. 43-013-31579

Section 16 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/17/96

Time AM

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by D. INGRAM-DOGM

Telephone # \_\_\_\_\_

Date: 2/20/96 Signed: JLT



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

**February 20, 1996**

**CONFIDENTIAL**

**State of Utah**  
**Division of Oil, Gas, and Mining**  
**355 West North Temple**  
**Salt Lake City, UT 84180**

**Gentlemen:**

**RE: Balcron Monument State #22-16-9-17B**  
**Beluga Unit**  
**SE NW Section 16, T9S, R17E**  
**Duchesne County, Utah**  
**API #43-013-31579**

**This letter is notice that the subject well was spud on 2-17-96 at 4:00 p.m. I have also enclosed the Entity Action Form 6.**

**Please feel free to contact me if you have any questions.**

**Sincerely,**

*Molly Conrad*

**Molly Conrad**  
**Operations Secretary**

**/mc**

**cc: Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX**  
**Bobbie Schuman**

22 1996

OPERATOR Equitable Resources Energy Company  
Palcron Oil Division  
 ADDRESS 1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11880	43-013-31579	Monument State #22-16-9-17B	SE NW	16	9S	17E	Duchesne	2-17-96	2-17-96
WELL 1 COMMENTS: Spud of a new well in Beluga Unit. <i>Entity added 2-26-96. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

22 1996

Molly Conrad  
 Signature  
 Operations Secretary 2-20-96  
 Title Date  
 Phone No. ( )

43-013-31529

**DAILY OPERATING REPORT****MONUMENT STATE #22-16-9-17E**

**Location:** SE NW Section 16, T9S, R17E  
**County/State:** Duchesne County, Utah  
**Prospect:** Monument Butte Field/Beluga Unit

---TIGHT HOLE---

02/22/96 TD: 4,656' (302') Day: 5  
Formation: Sand & Shale  
Present Operation: TIH w/magnet  
DC: \$5,436

CC: \$83,808

02/23/96 TD: 5,143' (481') Day: 6  
Formation: Sand & Shale  
Present Operation: Drilling 7-7/8" hole  
DC: \$8,658

CC: \$92,466

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite, 350, Salt Lake City, UT 84180-1203

**MONTHLY OIL AND GAS PRODUCTION REPORT**

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entry	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ PARIETTE BENCH FED 43-6 4304731616	10280	09S 19E 6	GRRV					
✓ STATE 16-6 4301331145	11195	09S 17E 16						
✓ FEDERAL 22-25 4304732008	11226	08S 17E 25	GRRV					
✓ FEDERAL 1-26 4304731953	11227	08S 17E 26	GR-WS					
✓ C&O GOVT #1 4301315111	11492	09S 16E 12	GRRV					
✓ C & O GOVT #2 01315112	11492	09S 16E 12	GRRV					
✓ ALLEN FEDERAL A-1 4301315780	11492	09S 17E 5	GRRV					
✓ GOATES FED. #1 4301315789	11492	09S 16E 11	GRRV					
✓ BALCRON MONUMENT FEDERAL 13-11J 4301315790	11492	09S 16E 11	GRRV					
✓ GOATES FED #3 4301315791	11492	09S 16E 14	GRRV					
✓ WALTON FEDERAL 1 4301315792	11492	09S 16E 11	GRRV					
✓ WALTON FED. #2 4301315793	11492	09S 16E 14	GRRV					
✓ WALTON FEDERAL 4 4301315795	11492	09S 16E 11	GRRV					
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



**EQUITABLE RESOURCES  
ENERGY COMPANY**

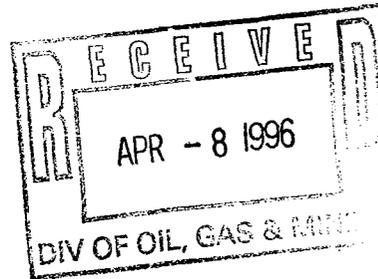
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

Office: (406) 259-7860  
FAX: (406) 245-1365   
FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:  
See attached listing

6. If Indian, Allottee or Tribe Name:  
n/a

7. Unit Agreement Name:  
See attached listing

1. Type of Well: OIL  GAS  OTHER: See attached listing

8. Well Name and Number:  
See attached listing

2. Name of Operator:  
Equitable Resources Energy Company, Balcron Oil Division

9. API Well Number:  
See attached listing

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat:  
See attached listing

4. Location of Well  
Footages: See attached listing

County: See attached list

QQ, Sec., T., R., M.:

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Operator name change
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

APR 8 1996

13. Name & Signature: Bobbie Schuman  
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ	✓
2	DP 58-FILE	✓
3	VLD (GIL)	✓
4	RJR	✓
5	IEC	✓
6	FLM	✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31145</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 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**

- Yes 1. (Rule R615-8-7) 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. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

# 5578314 (\$80,000) Secheo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)    . Today's date     19   . If yes, division response was made by letter dated     19   .

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated     19   , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- OTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

**FILMING**

refilmed 6/24/97

- VDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

**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 have been filed in the Operator Change file.

**COMMENTS**

9/6/04/10 Blm/BIA "Formal approval not necessary"



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102

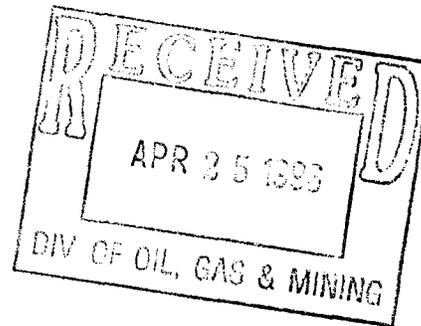
Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

April 23, 1996

State of Utah  
Division of Oil, Gas, and Mining  
355 West North Temple  
Salt Lake City, UT 84180



Gentlemen:

RE: Yearly Status Report for SI or TA Wells

Enclosed are sundry notices giving the Annual Status Report of Shut-in, Temporarily-abandoned, and Suspended-drilling wells for Equitable Resources Energy Company as of December, 1995.

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

Sincerely,

Molly Conrad  
Operations Secretary

/mc

Attachments

RECEIVED  
APR 25 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

Lease Designation and Serial Number:

ML-3453-B

If Indian, Allottee or Tribe Name:

n/a

Unit Agreement Name:

n/a

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:

State #16-6

2. Name of Operator: Equitable Resources Energy Company

9. API Well Number:

43-013-31145

3. Address and Telephone Number: 1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

10. Field and Pool, or Wildcat:

Monument Butte/Green River

4. Location of Well  
Footages: 1981' FWL & 1827' FNL  
OO, Sec., T., R., M.: SE NW SECTION 16, T9S, R17E

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicates)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Annual Status Report
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

STATUS: OIA

This well is temporarily TA pending evaluation to put on production.

13. Name & Signature: Molly Conrad Molly Conrad Title: Operations Secretary Date: 4-18-96

(This space for State use only)

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date April 26 19 96

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s) These companies have complied with our requirments. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Equitable Resources Energy Co., Balcron Oil Division (N9890)

New Operator: Equitable Resources Energy Co. (N9890)

Well(s): API: Entity: S-T-R: Lease:

NAME CHANGE ONLY

(See Attached Lists)

cc: Operator File

Signed Don Staley

REPLY

Date 19

Signed

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

State ML-3453-B

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

Beluga

8. Well Name and Number:

Monument State #22-16-9-17B

9. API Well Number:

43-013- 31579

10. Field and Pool, or Wildcat:

Monument Butte/Green River

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator: Equitable Resources Energy Company

3. Address and Telephone Number:

1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well

Footages: SE NW Section 16, T9S, R17E  
QQ, Sec., T., R., M.: 1824' FNL, 1981' FWL

County: Duchesne

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other SI
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other SI
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

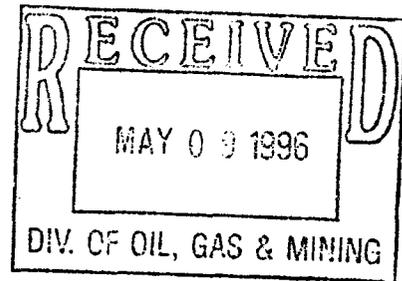
Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

this well has been drilled and is shut in while waiting on an injection permit.



ORIGINAL: Utah Division of Oil, Gas and Mining

13. Name & Signature: Lobbie Schuman

Regulatory and Environmental Specialist

Title: \_\_\_\_\_ Date: 5/7/96

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Monument State #22-16-9-17B  
 API number: 43-013-31579
2. Well Location: QQ SENW Section 16 Township 9S Range 17E County Duchesne
3. Well operator: Equitable Resources Energy Company  
 Address: 1601 Lewis Avenue  
Billings, MT 59102 Phone: (406) 259-7860
4. Drilling contractor: Union Drilling  
 Address: Drawer 40  
Buckhannon WV 26201 Phone: (304) 472-4610
5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
No measureable		water encountered during	
drilling operations.			

6. Formation tops: Please see completion report.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge. Date: 5-16-96

Name & Signature: Molly Conrad *Molly Conrad* Title: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other **RE-ENTRY**

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESRV.  Other **CONFIDENTIAL**

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 1824' FNL & 1981' FWL

At top prod. interval reported below  
At total depth

14. PERMIT NO. 31145 DATE ISSUED 1-3-96  
43-013-31579

5. LEASE DESIGNATION AND SERIAL NO.

State ML-3453-B

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

7. UNIT AGREEMENT NAME  
Beluga Unit

8. FARM OR LEASE NAME  
Monument State

9. WELL NO.  
#22-16-9-17B

10. FIELD AND POOL, OR WILDCAT  
Monument Butte/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SE NW 16, T9S, R17E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

15. DATE SPUDDED 2-17-96 16. DATE T.D. REACHED 2-24-96 17. DATE COMPL. (Ready to prod.) n/a 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5273' KB 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5600' 21. PLUG, BACK T.D., MD & TVD 5527' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY SFC - TD ROTARY TOOLS n/a CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
n/a

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DSN SDL DLL MUD LOG, CBL/GR/ML 2-27-96

27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	305' KB	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5572' KB	7-7/8"	204 sxs Super "G" w/additives	None
				455 sxs 50/50 POZ w/additives	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4414.24' KB	4421.92' KB

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

5294' - 5301' (4 SPF)  
4848' - 4852' (4 SPF)  
4868 - 4873' (4 SPF)  
4490' - 4498' (4 SPF)  
4500' - 4502' (4 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
**Please see attachment	

33.\* PRODUCTION

DATE FIRST PRODUCTION n/a PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)  
shut-in

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

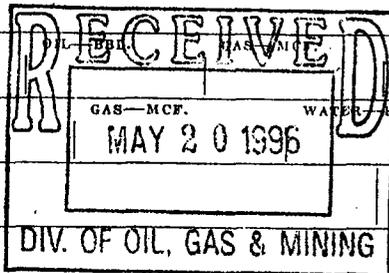
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
32. Acid, Shot, Fracture, Cement Squeeze, ETC.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Molly Conrad TITLE Operations Secretary DATE 5-16-96



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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No-DST's run.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Green River	1325'		1325'
Horsebench SS	2017'		2017'
2nd Garden Gulch	3639'		3639'
Yellow Marker	4249'		4249'
Douglas Creek	4409'		4409'
2nd Douglas Creek	4639'		4639'
Green Marker	4744'		4744'
Black Shale Facies	5059'		5059'
Carbonate Marker	5247'		5247'

Attachment to Completion Report  
Monument State #22-16-9-17B  
SE NW Section 16, T9S, R17E  
Duchesne County, Utah  
Beluga Unit

---

<u>Interval</u>	<u>Material Used</u>
5294' - 5301'	Break down with 2688 gallons 2% KCL water. Frac with 9,760# 20/40 mesh sand and 15,640# 16/30 mesh sand with 12,012 gallons 2% KCL gelled water.
4848' - 4873'	Break down with 2,856 gallons 2% KCL water. Frac with 44,780# 16/30 mesh sand with 16,170 gallons 2% KCL gelled water.
4490' - 4502'	Break down with 2,058 gallons 2% KCL water. Frac with 32,860# 16/30 mesh sand with 12,642 gallons 2% KCL gelled water.

/mc

5-16-96



**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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

May 21, 1996

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

Re: Application for Injection Wells  
Sections 7, 8, 16 and 17  
Township 9 South, Range 17 East  
Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument State 22-16-9-17B  
Monument State 13-16-9-17B  
Monument State 33-17-9-17B  
Balcron Monument Federal 42-17  
Balcron Monument Federal 31-17  
Balcron Monument Federal 22-17  
Pomco 5  
Paiute Federal 11-7  
State NGC 11-16  
Monument Butte Federal 1-8  
Balcron Monument Federal 33-8  
Paiute Federal 24-8  
Balcron Monument Federal 13-8  
Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.



Equitable Resources Energy Company  
May 21, 1996  
Page 2

2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.
3. Cement bond logs shall be run on the Monument Butte Federal 1-8, State NGC 11-16 and Pomco # 5 wells prior to conversion. Copies of the bond logs shall be submitted to the Division for review to determine if remedial cement work is necessary.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,



R.J. Firth  
Associate Director

cc: Chuck Williams, Environmental Protection Agency  
Bureau of Land Management, vernal

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT  
DECISION DOCUMENT

**Applicant:** Equitable Resources      **Location:** Belugu Unit

**Wells:** 44-7,13-8,24-8,33-8,1-8,11-16,22-16,13-16,11-17,Pomco#5,22-17,31-17,42-17 and 33-17

**Ownership Issues:** The proposed wells are located in sections 7, 8 and 16, township 9 south, range 17 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Equitable has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

**Well Integrity:** The 14 wells proposed for conversion to injection all have surface casing set at approximately 300 feet  $\pm$  30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 6000 feet, and were all cemented above the injection zone. The 1-8 and 11-16 wells are plugged and abandoned wells. The Pomco # 5 well is an old shut in producer, there are no cement bond logs on these three wells. Equitable has been notified that they must run bond logs on these wells and submit them to the Division prior to conversion. Cement bond logs are on file with the Division and verify reported cement tops on the other proposed injectors. The interval from 3190-5596 feet (Green River Formation) will be selectively perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 25 producing wells 5 plugged and abandoned wells, 5 shut in producers and 3 newly drilled wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. All of the plugged wells have adequate plugs. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

**Ground Water Protection:** The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field averages .87 psi/ft resulting in a maximum allowed surface pressure of 1975 psi. A maximum pressure of 1856 psig was requested and injection pressures for each of the injectors will be

maintained at this pressure. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

**Oil/Gas & Other Mineral Resources Protection:** Equitable Resources is the operator of the Belgu Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

**Bonding:** Equitable is the operator of all wells within the project and is bonded by the Federal Government.

**Actions Taken and Further Approvals Needed:** These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. Cement bond logs need to be run on the 1-8,11-16 and pomco #5 wells. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure-test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue an approval to convert the wells and an injection permit. There are no special conditions or stipulations other than running the bond logs on the specified wells and the permit should be granted in accordance with the conditions set forth in the application.

DJJ  
Reviewers

05-21-96  
Date

- MEMO TO FILE -  
SEPTEMBER 12, 1996

**MONUMENT STATE 22-16-9-17B**

**RE: INCORRECT API ASSIGNED**

January 3, 1996, an APD was submitted for the drilling of the Monument State 22-16-9-17B. The APD was approved, and API number **43-013-31579** was assigned. After the drilling was completed, it was revealed that this was actually a re-entry of a well formerly called the State 16-6, API number **43-013-31145**.

The API number **43-013-31579** will be **deleted** from the oil and gas information system computer database.

The contents of that **well file** will be **combined with** the contents of the **43-013-31145**.

- \* Mike Hebertson will call Equitable to explain the situation to them.
- \* Debra Falcone will change the record in 3270 and the cardex by changing the API number from **43-013-31579** to **43-013-31145**.
- \* Don Staley will change the record in dBase by changing the API number from **43-013-31579** to **43-013-31145**.
- \* Debra Falcone will include a **note on the next NID** report stating:  
"A new API number (43-013-31579) was incorrectly assigned in January 1996 to an Equitable APD for the re-entry of the Monument State 22-16-9-17B (formerly the State 16-6). This has been corrected, and all records for this well are now assigned to API number 43-013-31145."
- \* Debra Falcone will combine the well files.
- \* Carolyn Williams will contact the people with Equitable that handle production reporting and explain the situation to them.
- \* Shauna Jensen will contact PI, etc. to try to explain this to them.

The APD under 42-013-31579 will not be LA'd. It will simply cease to exist. This way, we will still have the correct counts for APDs, completions, and LAs.

Don Staley  
9/12/96

cc: MKH  
DRF  
CDW  
Shauna Jensen

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 Injection Well

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

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

NE SW Section 16, T9S, R17E  
1824' FNL & 1981' FWL

5. Lease Designation and Serial No.

State M-3453-B

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Beluga Unit

8. Well Name and No.

Monument State #22-16-9-17B

9. API Well No.

43-013-31579

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

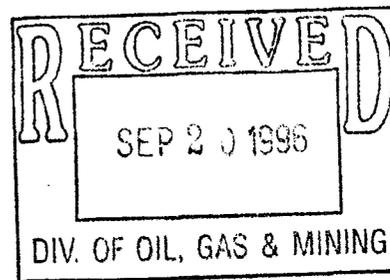
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached is the Site Security Diagram for this well which is an injection well.



Original: Bureau of Land Management, Vernal District Office  
Copy to: State of Utah, Division of Oil, Gas, & Mining

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

Signed Molly Conrad Title Operations Secretary Date 9-18-96

(This space for 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 and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

**EQUITABLE RESOURCES ENERGY COMPANY  
MONUMENT STATE #22-16-9-17B  
INJECTION FACILITY DIAGRAM**

---

**MONUMENT STATE #22-16-9-17B  
NE SW SEC. 16, T9S, R17E  
DUCHESNE COUNTY, UTAH  
LEASE #ML-3453-B**



PLAN LOCATED AT:

**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**

1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

JULY 18, 1996

DIAGRAM NOT TO SCALE

**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 to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

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

5. Lease Designation and Serial No.  
**State ML-3453B**

6. If Indian, Allottee or Tribe Name  
n/a

7. If Unit or CA, Agreement Designation  
Beluga Unit

8. Well Name and No.  
**Mon. State # 22-16-9-17B**

9. API Well No.  
**43-013-31145**

10. Field and Pool, or Exploratory Area  
Monument Butte/Green River

11. County or Parish, State  
**Duchesne Co. Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other **WIW**

2. Name of Operator  
**Equitable Resources Energy Company**

3. Address and Telephone No.  
**1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE NW 16-T9S-R17E**  
**1824' FNL, 1981' FWL**  
~~1980' FNL, 460' FWL~~

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

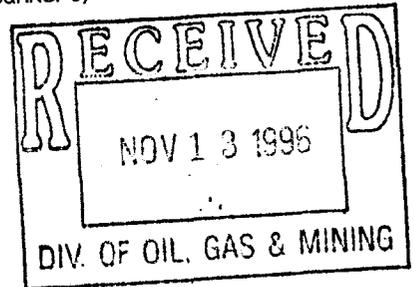
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

This well has been converted to a water injection well in accordance with the attached wellbore diagram and EPA Well Rework form. Water injection will commence when final approval has been received from the EPA, BLM, and Utah DOGM. This sundry notice is to request that approval to inject.

ORIGINAL: Bureau of Land Management (Vernal, UT) (Attention: Wayne Bankert)  
 COPY: Utah Division of Oil, Gas and Mining (Attention: Dan Jarvis)  
 COPY: U.S. EPA (Attention: Chuck Williams)



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

Signed *Bobbie Schuman* Title Regulatory and Environmental Specialist Date November 12, 1996

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

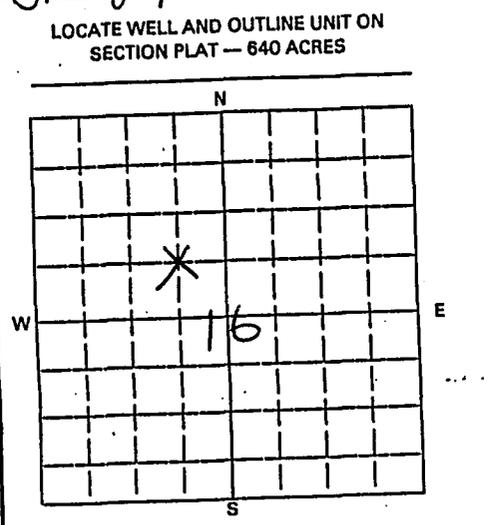
Conditions of approval, if any: \_\_\_\_\_

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



### WELL REWORK RECORD

NAME AND ADDRESS OF PERMITTEE Equitable Resources Energy Company Western Region 1601 Lewis Avenue Billings, MT 59102	NAME AND ADDRESS OF CONTRACTOR Basin Well Service Box 2876 Roosevelt, UT 84066
--	---



STATE Utah	COUNTY Duchesne County	PERMIT NUMBER ML-3453-B
SURFACE LOCATION DESCRIPTION SE 1/4 OF NW 1/4 OF 1/4 SECTION 16 TOWNSHIP 9S RANGE 17E		
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT UT 2798-043011		
Surface Location 1824 ft. from (N/S) N Line of quarter section and 1981 ft. from (E/W) W Line of quarter section		TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells _____
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage		Well Number Monument State
Lease Name Beluga Unit		# 22-16-9-17B
Total Depth Before Rework Completion		
Total Depth After Rework 5600' KB		
Date Rework Commenced 2/29/96		
Date Rework Completed 3/14/96		

#### WELL CASING RECORD — BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

#### WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
See Attached						

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

Complete zones as indicated on attached sheets. Set Arrow Set Packer @ 4415' KB. Load casing annulus with 55 gal Champion Cortran 2083 Packer fluid mixed w/ 62 BBls 2% KCL water.

#### WIRE LINE LOGS, LIST EACH TYPE

Log Types	Logged Intervals
Spectral Density Dual	TD to Surface
Spaced Neutron	
Dual Laterals	
CBL/GR/Collars	

#### CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).

NAME AND OFFICIAL TITLE (Please type or print) John Zellitti Senior Prod. Engr.	SIGNATURE 	DATE SIGNED 11-11-96
---	---------------	-------------------------



# EQUITABLE RESOURCES ENERGY COMPANY

WELL NAME: **Monument State 22-16-9-17B**  
 FIELD: Monument Butte  
 STATE LEASE NO.: ML-3453-B  
 LOCATION: SE NW Sec. 16, T9S, R17E  
 FOOTAGE: 1824' FNL & 1981' FWL  
 COUNTY/STATE: Duchesne County, Utah  
 WORKING INTEREST: 0.91491728  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 3/4/1996  
 INITIAL PRODUCTION:  
 OIL/GAS PURCHASER: Amoco  
 PRESENT PROD STATUS: Waiting on Completion  
 ELEVATIONS - GROUND: 5273' GL  
 TOTAL DEPTH: 5600' KB

DATE: 10/29/96 DZ

API NO.: 43-013-31145

NET REVENUE INTEREST: 0.80471769 Oil  
 0.7310824 Gas  
 SPUD DATE: 2/17/96  
 OIL GRAVITY:  
 BHT:

KB: 5283' KB (10' KB)  
 PLUG BACK TD: 5525.69' KB

## SURFACE CASING

STRING: 1  
 CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 295'  
 DEPTH LANDED: 305' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs

## TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#  
 NO. OF JOINTS: 140 Jts (4405.24')  
 SEATING NIPPLE: 2-7/8"x1.10'  
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.50'  
 PACKER LANDED AT: 4415' KB  
 PKR Set w/ 18" Tension

LOGS: CBL/GR/Collars; Spectral  
 Density Dual Spaced Neutron;  
 Dual Laterolog.

## PRODUCTION CASING

STRING: 1  
 CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 5562.71'  
 DEPTH LANDED: 5572.71' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 204 sxs super "G", 47#/sx "G" +  
 3/sx poz + 34#/sx BA91 + 3% salt  
 + 2% gel + 2#/sx highseal, 2  
 + 1/4#/sx cello flake. Tail w/455  
 sxs 50/50 poz + 2% gel + 1/4#/sx  
 cello seal + 2#/sx Kol seal.

CEMENT TOP AT: 850' KB

## PERFORATION RECORD

3-7-96	Schlumberger	4490' - 4498' 4 SPF R2 4500' - 4502' 4 SPF R2
3-6-96	Schlumberger	4848' - 4852' 4 SPF G3 4857' - 4862' 4 SPF G3 4868' - 4873' 4 SPF G3
3-1-96	Schlumberger	5294' - 5301' 4 SPF B1

## ACID JOB / BREAKDOWN JOB

3-4-96	BJ Services	5294' - 5301': 2688 gal 2% KCL wtr w/56 balls, surge balls off. ATR-4.8 bpm, ATP-4000, ISIP-1200.
3-7-96	BJ Services	4848' - 4873': 2856 gal 2% KCL wtr w/112 balls, surge balls off. ATR-3.5 bpm, ATP-2650, ISIP-1450.
3-7-96	BJ Services	4490' - 4502': 2058 gal 2% KCL wtr w/40 balls, surge balls off. ATR-3.0 bpm, ATP-3155, ISIP-600.
3/7/96	4490'-4498' 4500'-4502'	BJ Services: 2058 gal 2% KCL water w/ 40 ball sealers. Balled off. ATP=3155 bpm, ATR= 3.0 bpm, ISIP= 1600 psi.
3/7/96	4848'-4852' 4857'-4862' 4868'-4873'	BJ Services: 2856 gal 2% KCL water w/ 112 ball sealers. Ball action but no ball off. ATP= 2650 psi, ATR= 2.5 bpm,



# EQUITABLE RESOURCES ENERGY COMPANY

WELL DATA CONTINUED  
PAGE TWO

WELL NAME: **Monument State 22-16-9-17B**  
FIELD: Monument Butte  
STATE LEASE NO.: ML-3453-B  
LOCATION: SE NW Sec. 16, T9S, R17E  
FOOTAGE: 1824' FNL & 1981' FWL  
COUNTY/STATE: Duchesne County, Utah

## FRAC JOB

3-4-96	BJ Services	5294' - 5301': 12,012 gal 2% KCL wtr w/9760 lbs 20/40 & 1,5640 lbs 16/30, flush w/5250 gal 2% KCL wtr. ATR-31 bpm, ATP-2000, ISIP-1470, 5 min-1200, 10 min-1080, 15 min-1000, 30 min-920.
3-7-96	BJ Services	4848' - 4873': 16,170 gal 2% KCL wtr w/44,780 lbs 16/30, flush w/4788 gal 2% KCL wtr. ATR-31 bpm, ATP-2000, ISIP-2,050, 5 min-1850, 10 min-1720, 15 min-1670.
3-7-96	BJ Services	4490' -4502': 12,642 gal 2% KCL wtr w/32,860 lbs 16/30, flush w/4452 gal 2% KCL wtr. ATR-31.4 bpm, ATP-2400, ISIP-2100, 5 min-1940, 10 min-1630, 15 min-1270, 30 min-250.
3/7/96	4490'-4498' 4500'-4502'	BJ Services: 12,642 gal 2% KCL water w/ 37,960# 16/30 sand. ATP= 2400 psi, ATR= 31.4 bpm, ISIP=2100 psi, 5 min= 1940, 10 min=1630 psi, 15 min=1270 psi, 30 min=250 psi.
3/7/96	4848'-4852' 4857'-4862' 4868'-4873'	BJ Services: 16,170 gal 2% KCL water w/ 44,780# 16/30 sand. ATP= 2000 psi, ATR= 21.0 bpm, ISIP= 2250 psi, 5 min= 1850 psi, 10 min= 1700, 15 min= 1670 psi.



Monument State 22-16-9-17B  
 Monument Butte  
 ML-3453-B  
 SE NW Sec. 16, T9S, R17E  
 1824' FNL & 1981' FWL  
 Duchesne County, Utah

Elev.GR - 5273' GL  
 Elev.KB - 5282' KB (9' KB)

**INJECTION  
 WELLBORE DIAGRAM**

DATE : 10/29/96 DZ

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 295'  
 DEPTH LANDED: 305' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs

**PERFORATION RECORD**

3-7-96	Schlumberger	4490' - 4498'	4 SPF R2
		4500' - 4502'	4 SPF R2
3-6-96	Schlumberger	4848' - 4852'	4 SPF G3
		4857' - 4862'	4 SPF G3
		4868' - 4873'	4 SPF G3
3-1-96	Schlumberger	5294' - 5301'	4 SPF B1

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 5562.71'  
 DEPTH LANDED: 5572.71' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 204 sxs super "G", 47#/sx "G" +  
 3/sx poz + 34#/sx BA91 + 3% salt  
 + 2% gel + 2#/sx highseal, 2  
 + 1/4#/sx cello flake. Tail w/455  
 sxs 50/50 poz + 2% gel + 1/4#/sx  
 cello seal + 2#/sx Kol seal.

305' KB

TOC @  
 850' KB

4 SPF  
 4 SPF  
 4 SPF  
 4 SPF  
 4 SPF

CEMENT TOP AT: 850' KB

**TUBING**

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#  
 NO. OF JOINTS: 140 Jts (4405.24')  
 SEATING NIPPLE: 2-7/8"x1.10'  
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.50'  
 PACKER LANDED AT: 4415' KB  
 PKR Set w/ 18" Tension

PACKER FLUID: 55 gal Champion Cortron R-2383  
 mixed w/ 65 bbl 2% KCL water.  
 3/14/96

Arrow Set 1 PKR @  
 4415' KB

MIT RECORD:

- 4490'-4498'
- 4500'-4502'
- 4848'-4852'
- 4857'-4862'
- 4868'-4873'
- 5294'-5301'

PBTD @ 5527' KB  
 TD @ 5600' KB



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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

November 20, 1996

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, Montana 59102

Re: Administrative Approval for Conversion of Wells to Class II Injection Wells, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells:

Monument State 22-16-9-17B	Monument State 13-16-9-17B
Monument State 33-17-9-17B	Balcron Monument Federal 42-17
Balcron Monument Federal 31-17	Balcron Monument Federal 22-17
Pomco 5	Paiute Federal 11-7
State NGC 11-16	Monument Butte Federal 1-8
Balcron Monument Federal 33-8	Paiute Federal 24-8
Balcron Monument Federal 13-8	Mocon Federal 44-7

Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Equitable Resources Energy Company.



Page 2  
Equitable Resources Energy Company  
November 20, 1996

Enclosed with this letter is the Underground Injection Control Permit for this well. If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

A handwritten signature in black ink, appearing to read "R. J. Firth". The signature is stylized and somewhat cursive.

R. J. Firth  
Associate Director

lwp  
cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal



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

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-170

Operator: Equitable Resources Energy Company

Wells: Monument State 22-16-9-17B  
Monument State 13-16-9-17B  
Monument State 33-17-9-17B  
Balcron Monument Federal 42-17  
Balcron Monument Federal 31-17  
Balcron Monument Federal 22-17  
Pomco 5  
Paiute Federal 11-7  
State NGC 11-16  
Monument Butte Federal 1-8  
Balcron Monument Federal 33-8  
Paiute Federal 24-8  
Balcron Monument Federal 13-8  
Mocon Federal 44-7

Location: Sections 7,8,16 and 17, Township 9 South, Range 17  
East,  
County: Duchesne

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on  
May 21, 1996



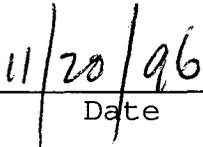
2. Maximum Allowable Injection Pressure: 1856 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: 3190 feet to 5596 feet (Green River Formation)

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Approved by:

  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas

  
\_\_\_\_\_  
Date

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

5. Lease Designation and Serial No.  
See attached list

6. If Indian, Allottee or Tribe Name  
n/a

7. If Unit or CA, Agreement Designation  
Beluga Unit

8. Well Name and No.  
See attached list

9. API Well No.  
See attached list

10. Field and Pool, or Exploratory Area  
Mon. Butte/Grn. River

11. County or Parish, State  
Duchesne County, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Equitable Resources Energy Company

3. Address and Telephone No.  
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

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

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

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

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

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

The Monument State #22-16-9-17B has been converted to water injection for secondary recovery of remaining oil reserves. The well was treated with 5 gallons of claymaster and 10 gallons of 940 surfactant mixed with 75 barrels of 25 KCl water at a temperature of approximately 160°F to clear the wellbore and formation of residual oil. The well was then placed on injection at a rate of approximately 250 STBWP.D.

Water injection commenced on December 3, 1996.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas and Mining  
COPY: U.S. Environmental Protection Agency (UIC Section)

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

Signed Bobbie Schuman  
Bobbie Schuman  
(This space for Federal or State office use)

Regulatory and  
Environmental Specialist

Date January 13, 1997

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

\*See instruction on Reverse Side

Federal

	Field								Status	Formation	Lease #	APT #	Footages	UNIT
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-31382	2060' FSL, 894' FWL	Beluga
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31429	1800' FNL, 1980' FWL	Beluga
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31428	660' FNL, 1980' FEL	Beluga
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-31427	1980' FSL, 1980' FEL	Beluga
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31467	1800' FNL, 700' FEL	Beluga
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106		43-013-31432	1850' FSL, 850' FEL	Beluga
Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	OIL	Green River	UTU-74108			2217' FSL, 2187' FWL	Beluga
Mocon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A		43-013-30666	670' FSL, 663' FEL	Beluga
Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	COMPL	Green River	U-72106			1926' FSL, 2000' FEL	Beluga
Monument Federal #44-8-17B	Monument Butte	SE SE	8	9S	17E	Duchesne	UT	PND	Green River	U-74398		43-013-30643	602' FSL, 598' FEL	Beluga
Monument State #11-16-9-17B (Re-entry)	Monument Butte	NW NW	16	9S	17E	Duchesne	UT	DRLG	Green River	State ML-21844		43-013-30616	660' FNL, 659' FWL	Beluga
Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B		43-013-31580	1980' FSL, 660' FWL	Beluga
→ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	SI	Green River	State ML-3453-B		43-013- <del>31579</del>	1824' FNL, 1981' FWL	Beluga
Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A		43-047-30516	661' FNL, 664' FWL	Beluga
Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-30675	660' FSL, 1980' FWL	Beluga
POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108		43-013-30499	1980' FSL, 660' FWL	Beluga

1-10-97/MS

43-013-31145

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	<del>43-013-30666</del>	44-7	09S	17E	7	INJW	Y
EQUITABLE RE	<del>43-013-31382</del>	13-8	09S	17E	8	INJW	Y
EQUITABLE RE	<del>43-013-31427</del>	33-8	09S	17E	8	INJW	Y
EQUITABLE RE	<del>43-013-30675</del>	24-8	09S	17E	8	INJW	Y
EQUITABLE RE	<del>43-013-30648</del>	44-8-17B	09S	17E	8	INJW	Y
EQUITABLE RE	<del>43-013-31580</del>	13-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	<del>43-013-30616</del>	11-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	<del>43-013-31145</del>	22-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	<del>43-013-30518</del>	11-17	<del>09S</del>	<del>17E</del>	<del>17</del>	<del>INJW</del>	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y
EQUITABLE RE	<del>43-013-30518</del>	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	<del>43-013-31428</del>	31-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y
EQUITABLE RE	<del>43-013-31467</del>	42-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N

u3563 11880  
u007978 11880  
u007978 11880  
u7978 11880  
u40326 1523  
ml3453B 11880  
ml21844 6130  
ml3453B 11880  
u7978 11880  
u3563A 11880  
utu72106 11880  
u72106 11880  
utu72106 11880  
utu72106 11880

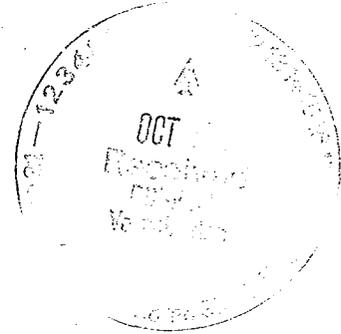
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OCT 10 1997



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.

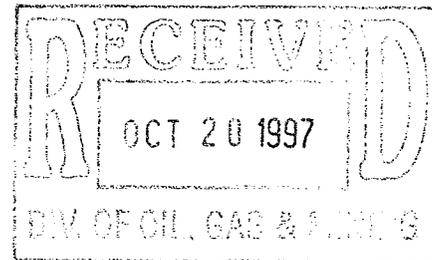
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.



DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Multiple Completion, Other Change of Operator, New Construction, Pull or Alter Casing, Recomplete, Reperforate, Vent or Flare, Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Other Change of Operator, New Construction, Pull or Alter Casing, Reperforate, Vent or Flare, Water Shut-Off

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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 wells on the attached list. 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 State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:

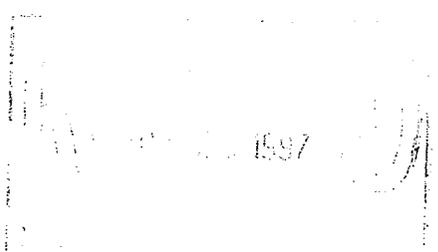
Handwritten signature of Chris A. Potter

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

This space for State use only)



INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ DMD FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00	31145	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	

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OCT 10 1997

RECEIVED  
OCT 13 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached **BELUGA (GREEN RIVER) UNIT**

Field or Unit name: See Attached API no. See Attached

Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached

Effective Date of Transfer: September 30, 1997

**CURRENT OPERATOR**

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [Signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone ( 406 ) 259-7860

Comments:

**NEW OPERATOR**

Transfer approved by:

Name Chris A Potter Company Inland Production Company

Signature [Signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

Date 9-30-97 Phone ( 303 ) 292-0900

Comments:

(State use only)

Transfer approved by [Signature] Title Manager

Approval Date 3-19-98

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OCT 29 1997  
DIV. OF OIL, GAS & MINING

Injection wells

✓ MONUMENT BUTTE STATE #14-2	SW SW 2 9S 17E	DUCHESNE	UT	UNDESIGNATED (CD)	43-013-31425-00	UTU45555	
✓ MONUMENT BUTTE STATE #22-2	SE NW 2 9S 17E	UINTAH	UT	UNDESIGNATED (CD)	43-047-32610-00	UTU45555	
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 16 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013- <del>31579-00</del>	31145 ml 3453B	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 17 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630



**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.*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-931

March 2, 1998

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

Re: Beluga (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On February 26, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Beluga (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective March 2, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - Beluga (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T 9S	R17E	ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T 9S	R17E	TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-17-9-17B	NESW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCROW FED	NENE	18	T 9S	R17E	ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T 9S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T 9S	R17E	WIW	EQUITABLE RESOURCES ENERGY CO



# DOGM SPEED LETTER

To: Ed Bonner

From: Lisha Cordova

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

**COPY**

Date 03/11 19 98

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

**Former Operator:** Equitable Resources Energy

**New Operator:** Inland Production Company

Well(s):	API:	Entity:	S-T-R:	Lease:
A. Anderson State 1-16	43-013-15582	11880	16-09S-17E	ML-46694
Sue Morris 16-3	43-013-30562	11880	16-09S-17E	ML-3453B
D. Duncan St 16-5	43-013-30570	11880	16-09S-17E	ML-3453B
Monument St 23-16-9-17B	43-013-31578	11880	16-09S-17E	ML-3453B
Monument St 13-16-9-17B	43-013-31580	11880	16-09S-17E	ML-3453B
Monument St 11-16-9-17B	43-013-30616	06130	16-09S-17E	ML-21844
Monument St 22-16-9-17B	43-013-31145	11880	16-09S-17E	ML-3453B

cc: Operator File

Signed Lisha Cordova

REPLY

Date \_\_\_\_\_ 19 \_\_\_\_\_

Signed \_\_\_\_\_

**OPERATOR CHANGE WORKSHEET**

1-LTC ✓	6-FILE ✓
2-GLH ✓	7-KAS ✓
3-HEPS ✓	8-SIL ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

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

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

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION CO.</u>	<b>FROM:</b> (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>C/O CRAZY MTN O&amp;G SVS'S</u>
	<u>ROOSEVELT UT 84066</u>		<u>PO BOX 577</u>
			<u>LAUREL MT 59044</u>
Phone:	<u>(435) 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:

**\*BELUGA (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31145</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). (Rec'd 3-10-97)
- 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. (3-11-98) \* Quattro Pro s. DBASE (kic) 3-11-98.
- Sec 6. **Cardex** file has been updated for each well listed above. (3-11-98)
- Sec 7. Well **file labels** have been updated for each well listed above. (3-11-98)
- 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. (3-11-98)
- 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) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A/Sec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (~~FEE WELLS ONLY~~)** *Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."*

- N/A/Sec 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/Sec 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/Sec 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**

- Sec 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Sec 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- KB 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

**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**

980311 BLM/SL Apr. 3-2-98.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-3453B</b>	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  N/A	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Injection</b>		7. UNIT AGREEMENT NAME  <b>BELUGA</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		8. FARM OR LEASE NAME <b>MON STATE 22-16B-9-17</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		9. WELL NO. <b>MON STATE 22-16B-9-17</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. <sup>9</sup> See also space 17 below.) At surface <b>SE/NW Section 16, T09S R17E 1824 FNL 1981 FWL</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA <b>SE/NW Section 16, T09S R17E</b>	
14. API NUMBER <b>43-013-31145</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5273 GR</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>5 Year MIT</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 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.)\*

A 5 year MIT was conducted on the subject well. On 10/01/01 Mr. Al Craver w/EPA and Mr. Dennis Ingram w/State DOGM was notified of the intent to conduct a MIT on the casing. On 10/25/01 the casing was pressured to 1100 psi and maintained with no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

**RECEIVED**

OCT 28 2001

DIVISION OF  
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/26/01  
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 10-29-01  
By: [Signature]

\* See Instructions on reverse side

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A Date: 10/25/01  
 Test conducted by: Brent Cook  
 Others present: \_\_\_\_\_

Well Name: <u>MS 22-16-9-17D</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>Beluga</u>		
Location: <u>22</u> Sec: <u>16</u> T <u>9</u> N/S R <u>17E/W</u> County: <u>Duch</u> State: <u>UT</u>		
Operator: <u>Inland Production</u>		
Last MIT: <u>11/13/96</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

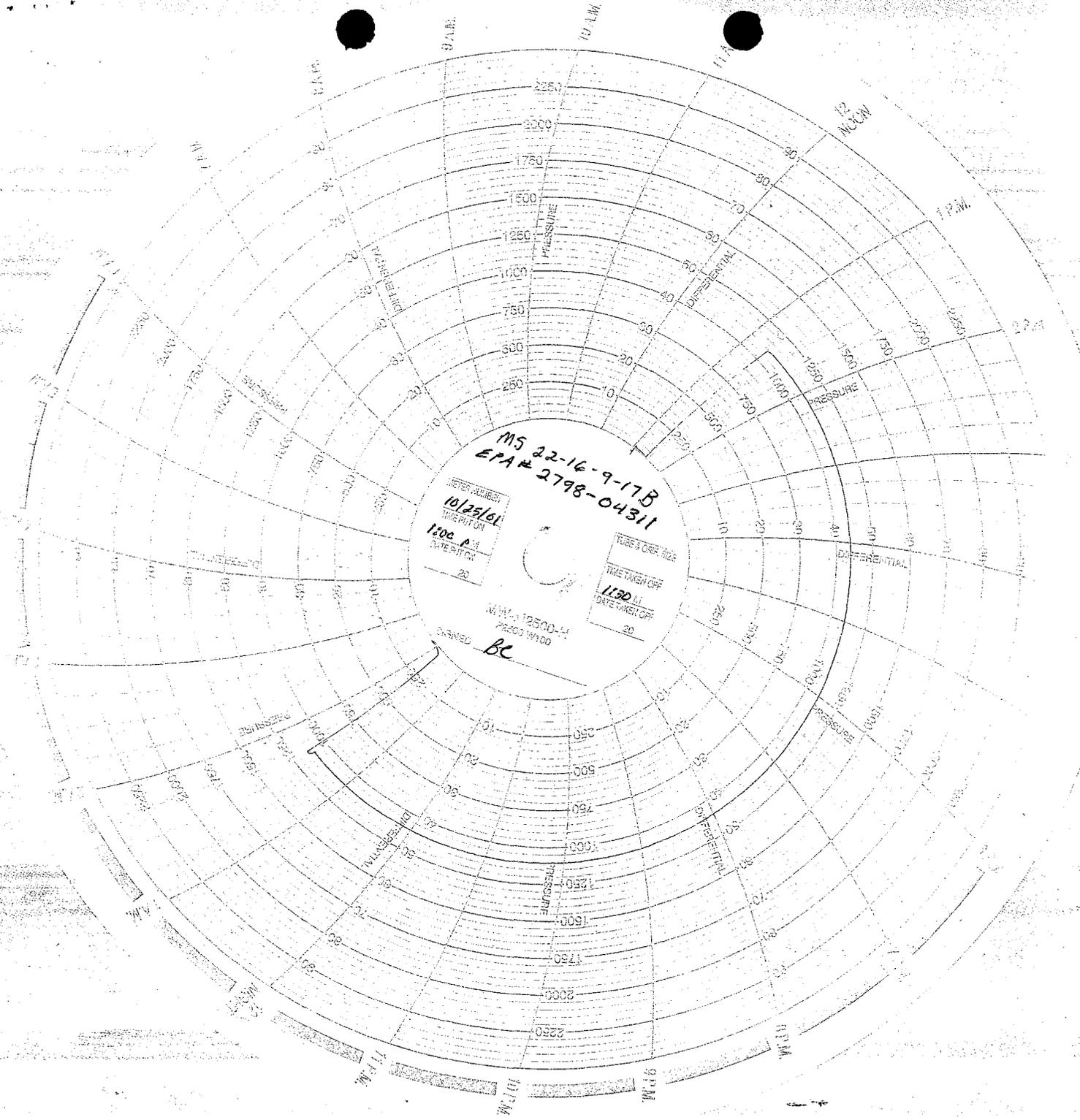
Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: 51 bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1725</u> psig	psig	psig
End of test pressure	<u>1725</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1100</u> psig	psig	psig
5 minutes	<u>1100</u> psig	psig	psig
10 minutes	<u>1100</u> psig	psig	psig
15 minutes	<u>1100</u> psig	psig	psig
20 minutes	<u>1100</u> psig	psig	psig
25 minutes	<u>1100</u> psig	psig	psig
30 minutes	<u>1100</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No





MS 22-16-9-17B  
EPA # 2798-0431

METER NUMBER  
10125101  
METER PUT ON  
1100 P  
OPERATOR  
20

PIPE SIZE  
THE TAP OR OFF  
1130 LI  
DATE TAKEN OFF  
20

WV 12500-44  
22400 W100  
SERVED  
BC

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

“ARTICLE ONE – The name of the corporation is Newfield Production Company.”

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QC, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04  
Title: *Tech. Services Manager*

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: (New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
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**CA No.**

**Unit:**

**BELUGA (GREEN RIVER)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MOCON FED 44-7	07	090S	170E	4301330666	11880	Federal	WI	A
MON FED 44-8-9-17B	08	090S	170E	4301330643	11880	Federal	WI	A
PAIUTE FED 24-8	08	090S	170E	4301330675	11880	Federal	WI	A
PAIUTE FEDERAL 43-8	08	090S	170E	4301330777	11880	Federal	OW	P
PAIUTE FEDERAL 34-8	08	090S	170E	4301330778	11880	Federal	OW	P
MAXUS FEDERAL 23-8	08	090S	170E	4301331196	11880	Federal	OW	P
MON FED 13-8	08	090S	170E	4301331382	11880	Federal	WI	A
FEDERAL 14-8	08	090S	170E	4301331398	11880	Federal	OW	P
A ANDERSON ST 1-16	16	090S	170E	4301315582	11880	State	OW	P
SUE MORRIS 16-3	16	090S	170E	4301330562	11880	State	OW	P
D DUNCAN ST 16-5	16	090S	170E	4301330570	11880	State	OW	P
MON ST 11-16-9-17B	16	090S	170E	4301330616	11880	State	WI	A
MON ST 22-16-9-17B	16	090S	170E	4301331145	11880	State	WI	A
POMCO 5	17	090S	170E	4301330499	11880	Federal	WI	A
POMCO 4	17	090S	170E	4301330506	11880	Federal	OW	P
PAIUTE FED 11-17	17	090S	170E	4301330516	11880	Federal	WI	A
FEDERAL D M D 17-1	17	090S	170E	4301330689	11880	Federal	OW	S
MONUMENT FED 21-17	17	090S	170E	4301331387	11880	Federal	OW	P
FEDERAL 1-18	18	090S	170E	4301330332	11880	Federal	OW	TA
POMCO 2	18	090S	170E	4301330505	11880	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTAH STATE ML-3453-B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

BELUGA UNIT

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

MON 22-16B-9-17

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4301331145

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1824 FNL 1981 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 16, T9S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  10/18/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 9/26/06 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 10/18/06. On 10/18/06 the csg was pressured up to 1050 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1780 psig during the test. There was not an EPA representative available to witness the test. EPA# 20798-04311 API# 43-013-31145

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

*Callie Duncan*

DATE 10/23/2006

(This space for State use only)

RECEIVED

OCT 25 2006

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 10/18/06  
 Test conducted by: Trefley J. Ruzic  
 Others present: \_\_\_\_\_

Well Name: <u>MONUMENT STATE 22-163-947</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BLTTC</u>		
Location: <u>SE/NW</u> Sec: <u>163 T 9 N 18 R 17 E</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure:	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No    If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure:   A   psig

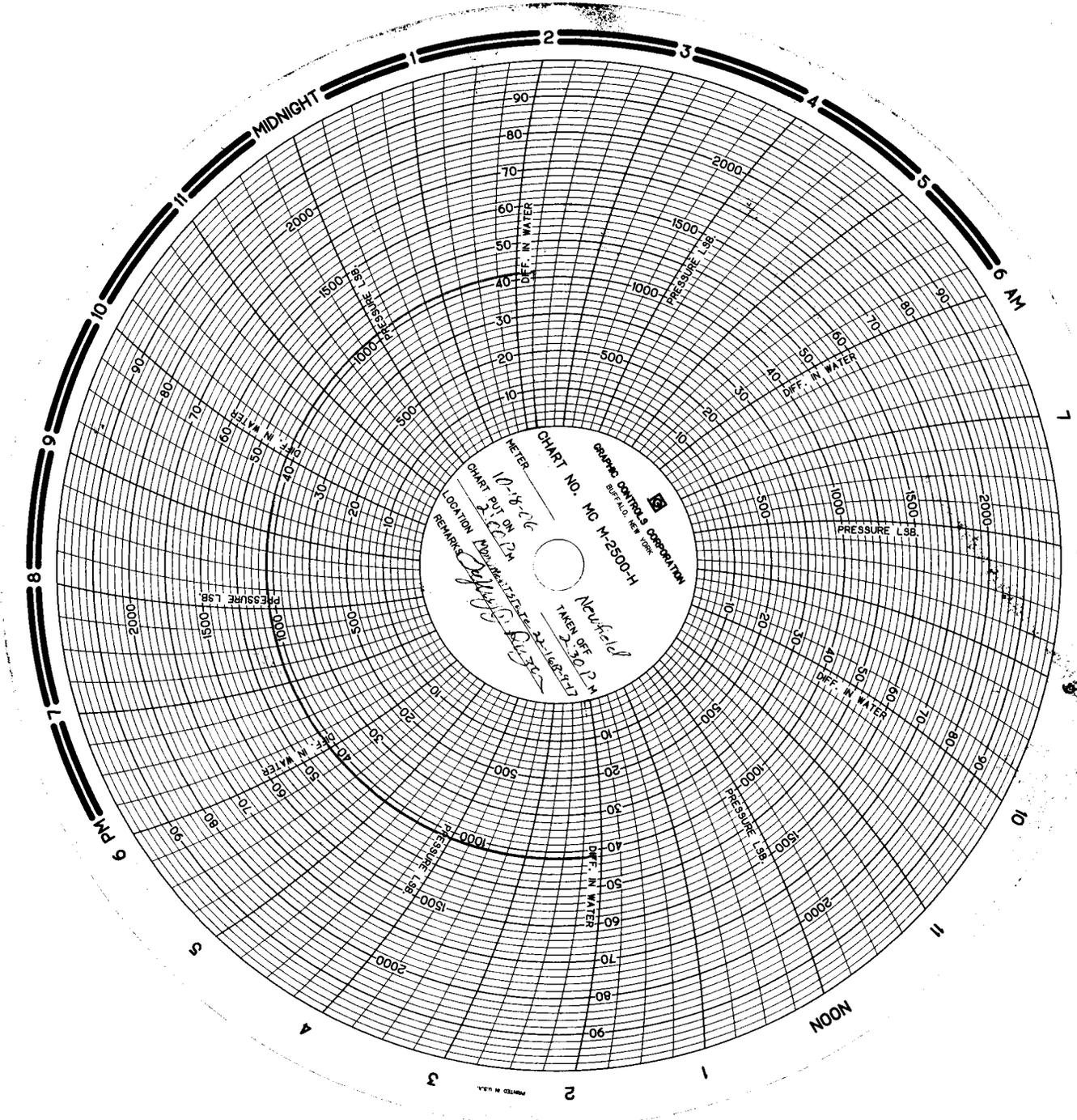
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1780</u> psig	psig	psig
End of test pressure	<u>1780</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1050</u> psig	psig	psig
5 minutes	<u>1050</u> psig	psig	psig
10 minutes	<u>1050</u> psig	psig	psig
15 minutes	<u>1050</u> psig	psig	psig
20 minutes	<u>1050</u> psig	psig	psig
25 minutes	<u>1050</u> psig	psig	psig
30 minutes	<u>1050</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



PRINTED IN U.S.A.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-3453B
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> MON ST 22-16-9-17B
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013311450000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1824 FNL 1981 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/30/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
		OTHER: <input type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 09/14/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 09/30/2011 the casing was pressured up to 1380 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1733 psig during the test. There was not an EPA representative available to witness the test.</p> <p style="text-align: center;">EPA# UT20798-04311</p>		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/5/2011

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 9 / 30 / 2011  
 Test conducted by: Brandon Morales  
 Others present: \_\_\_\_\_

Well Name: <u>22-16-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>22</u> Sec: <u>16</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>DuChesne</u> State: <u>VT</u>		
Operator: <u>Brandon Morales</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1855</u>	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                     Yes     No  
 Test after well rework?                     Yes     No  
 Well injecting during test?                 Yes     No      If Yes, rate: 116 bpd

Pre-test casing/tubing annulus pressure: 0 psig

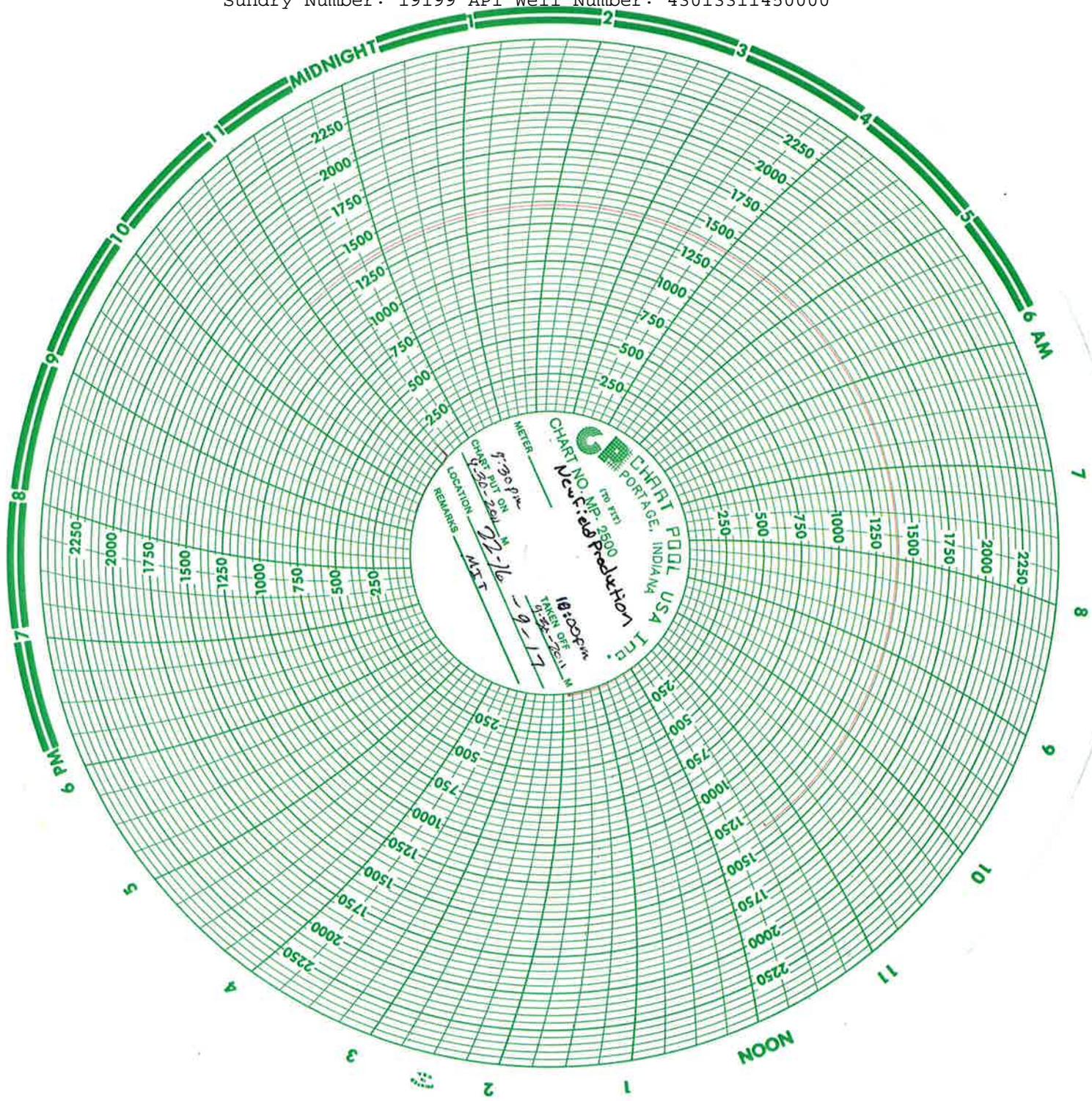
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1733</u> psig	psig	psig
End of test pressure	<u>1733</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1375</u> psig	psig	psig
5 minutes	<u>1375</u> psig	psig	psig
10 minutes	<u>1375</u> psig	psig	psig
15 minutes	<u>1375</u> psig	psig	psig
20 minutes	<u>1380</u> psig	psig	psig
25 minutes	<u>1380</u> psig	psig	psig
30 minutes	<u>1380</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



Spud Date: 2/17/96  
 Completion Date: 3/4/96  
 Put on Injection: 12/01/96  
 GI: 5273' KB: 5283' KB (10' KB)

# Monument State #22-16-9-17B

Initial Production: NA

## Injection Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 Jts (295')  
 DEPTH LANDED: 305' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs cement. Cement to surface.

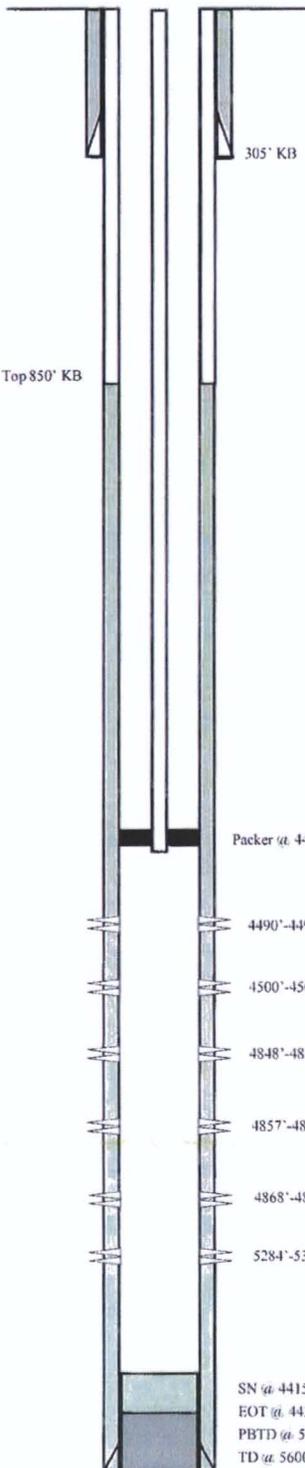
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 130 jts. (5562.71')  
 DEPTH LANDED: 5572.71' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 204 sxs super "G" cement + 455 sxs 50-50 poz.  
 CEMENT TOP AT: 850' KB

### TUBING RECORD

SIZE/GRADE/WT.: 2-7/8" 8rd EUE / J-55 / 6.5#  
 NO. OF JOINTS: 140 Jts (4405.24')  
 SEATING NIPPLE: 4415.24' KB  
 ARROW SET 1 PACKER: 2-3/8"x5-1/2"x6.50'  
 PACKER LANDED AT: 4422' KB

Cement Top 850' KB



### FRAC JOB

Date	Depth Range	Details
3-4-96	5294' - 5301'	Frac zone as follows: 9760 lbs 20/40 sand + 1,5640 lbs 16/30 sand in 286 bbl 2% KCL wtr. ATR-31 bpm, ATP-2000, ISIP-1470 psi. Cal. flush: 5294 gal. Actual flush: 5250 gal.
3-7-96	4848' - 4873'	Frac zone as follows: 44,780 lbs 16/30 sand in 385 bbl 2% KCL wtr. ATR-31 bpm, ATP-2000, ISIP-2,050 psi. Cal. flush: 4848 gal. Actual flush: 4788 gal.
3-7-96	4490' - 4502'	Frac zone as follows: 32,860 lbs 16/30 sand in 301 bbl 2% KCL wtr. ATR-31.4 bpm, ATP- 2400, ISIP- 2100 psi. Cal. flush: 4490 gal. Actual flush: 4452 gal.
10/24/06		5 Year MIT completed & submitted.

### PERFORATION RECORD

Date	Depth Range	Details
3-7-96	4490' - 4498'	4 SPF 32 holes
3-7-96	4500' - 4502'	4 SPF 08 holes
3-6-96	4848' - 4852'	4 SPF 16 holes
3-7-96	4857' - 4862'	4 SPF 20 holes
3-7-96	4868' - 4873'	4 SPF 20 holes
3-1-96	5294' - 5301'	4 SPF 28 holes

Packer @ 4422'

4490'-4498' D-2b sds

4500'-4502' D-2b-sds

4848'-4852' E sds

4857'-4862' A-1 sds

4868'-4873' E sds

5284'-5301' F sds

SN @ 4415' KB  
 EOT @ 4422' KB  
 PBTD @ 5527'  
 TD @ 5600'



Monument State #22-16-9-17B

1824' FNL & 1981' FWL

SE NW Section 16-T9S-R17E

Duchesne Co, Utah

API #43-013-31145; Lease #ML-3453-B

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-3453B
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> MON ST 22-16-9-17B	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013311450000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1824 FNL 1981 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 16 Township: 09.0S Range: 17.0E Meridian: S	<b>COUNTY:</b> DUCHESNE	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/30/2016  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 08/30/2016 the casing was pressured up to 1183 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 944 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04311		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 01, 2016</b>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/1/2016	

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 8/30/2016  
 Test conducted by: EVERETT UNRUH  
 Others present: \_\_\_\_\_

Well Name: <u>MONUMENT ST. 22-16-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SE NW</u> Sec: <u>16</u> T: <u>9 N</u> R: <u>17 E</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>New Field</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1578</u>	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No            If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0/944 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	944 psig	psig	psig
End of test pressure	944 psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	1184 psig	psig	psig
5 minutes	1184 psig	psig	psig
10 minutes	1184 psig	psig	psig
15 minutes	1184 psig	psig	psig
20 minutes	1183 psig	psig	psig
25 minutes	1183 psig	psig	psig
30 minutes	1183 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

Monument State 22-16-9-17 (8/30/2016, 5yr. MIT)

8/30/2016 11:05:26 AM

