

UTAH OIL AND GAS CONSERVATION COMMISSION

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

920113 Maxus to BelCron Oil eff. 11-1-91: 930325 to Equitable Res. Energy, BelCron Oil Div.
 940288 Commenced Injection eff. 9-1-93

DATE FILED 9-8-87

LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO U-020252-A INDIAN

DRILLING APPROVED: 9-14-87

SPUDED IN: 9-28-87

COMPLETED: 12-9-87 POW PUT TO PRODUCING: 12-9-87

INITIAL PRODUCTION: 5230PD 50MCF 78WPD

GRAVITY A.P.I. 33.1

GOR. 967:1

PRODUCING ZONES: 5235-56, 5050-56' GRRV

TOTAL DEPTH: 6054'

WELL ELEVATION: 5295'

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO ALLEN FEDERAL 31-6

API #43-013-31195

LOCATION 660' FNL FT. FROM (N) (S) LINE. 1980' FEL FT. FROM (E) (W) LINE. NW NE 1/4 - 1/4 SEC. 6

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	17E	6	Equitable Res. Energy BelCron Oil Div. MAXUS EXPLORATION CO.

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	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
TOP OIL SHALE 1500	Dakota	Park City	McCracken
HORSE BENCH SS 2276	Burro Canyon	Rico (Goodridge)	Aneth
BASE OIL SHALE 3194	Cedar Mountain	Supai	Simonson Dolomite
GARDEN GULCH 3756	Buckhorn	Wolfcamp	Sevy Dolomite
DOUGLAS CREEK 4740	JURASSIC	CARBON I FEROUS	North Point
Wasatch TONGUE 5615	Morrison	Pennsylvanian	SILURIAN
LOWER BASE 6006	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Maxus Exploration Company

3. ADDRESS OF OPERATOR
P.O. Box 2530 Mills, Wyoming 82644

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
660' FNL 1,980' FEL NW/NE
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 627.35

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. 6,100'

19. PROPOSED DEPTH 6,100'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,295' GR

22. APPROX. DATE WORK WILL START*
Sept. 20, 1987

5. LEASE DESIGNATION AND SERIAL NO.
U-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Allen Federal

9. WELL NO.
31-6

10. FIELD AND POOL, OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T9S, R17E

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24#, K-55	250'	Circ. to surface
7 7/8"	5 1/2"	15.5#, K-55	6,100'	Circ. from TD to 200' above top of oil shale

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

DATE 9-14-87
BY John R. Bura
WELL SPACING: R6X5-3-2

RECEIVED
SEP 8 1987
DIVISION OF OIL
GAS & MINING

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

24. James M. Pachulski Sr. Environmental & Regulation Engineer DATE 8-18-87

(This space for Federal or State office use)

PERMIT NO. 43-013-31195 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

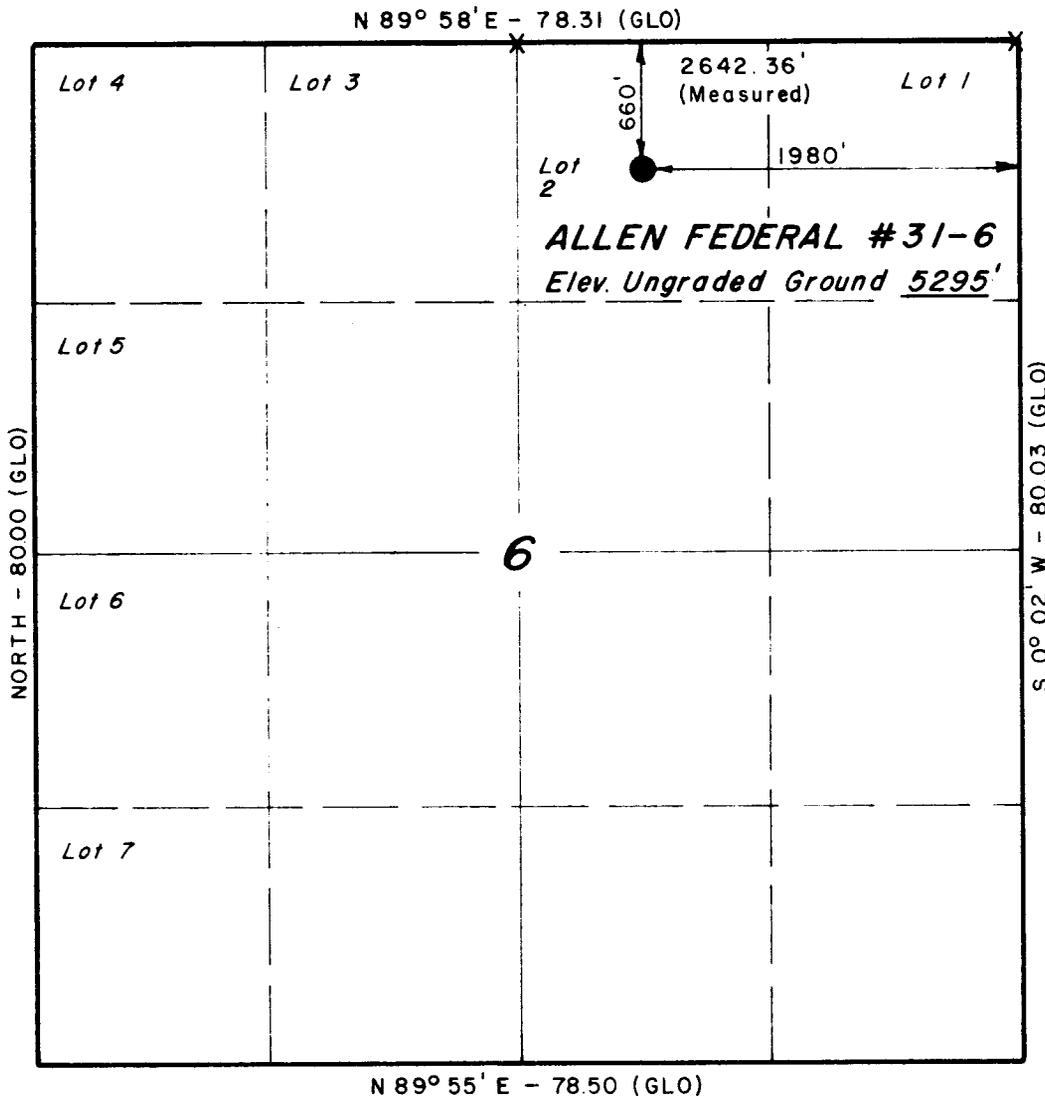
PROJECT

MAXUS EXPLORATION

Well location, *ALLEN FEDERAL #31-6*, located as shown in lot 2 (NW 1/4 NE 1/4) of Section 6, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 6, T9S, R17E, S L B & M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5255 FEET



N 89° 55' E - 78.50 (GLO)

X = Section Corners Located (Brass Caps)

I HEREBY CERTIFY THAT THE SEVERAL PARTS OF THIS SURVEY HAVE BEEN MEASURED AND FOUND TO BE TRUE AND CORRECT AND THAT THE SAME ARE IN ACCORDANCE WITH THE ACTS OF CONGRESS AND THE DECISIONS OF THE SUPREME COURT OF THE UNITED STATES.

Laurence E. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 3137
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P.O. BOX Q - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE Aug. 5, 1987
PARTY R.K. GM. J.R.S.	REFERENCES GLO Plat
WEATHER Warm - Clear	FILE MAXUS EXPLORATION

EIGHT POINT COMPLIANCE PROGRAM

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION AND ESTIMATED FORMATION TOPS

Surface formation is the Uinta Formation

<u>FORMATION</u>	<u>DEPTH</u>
Green River	1,248'
Top Oil Shale	1,604'
Base Oil Shale	3,354'
Douglas Creek MMBR	4,749'
Wasatch Tongue	5,609'
T.D.	6,100'

2. ESTIMATED DEPTHS OF WATER, OIL, GAS OR MINERALS

Oil and gas may be encountered in the Green River Formation.

Water: Ground water is anticipated to approximately 150'.
Some brackish water sands could possibly exist below
this level, however the hydrostatic head of the
drilling fluid will safely contain these waters within their
formations.

EIGHT POINT COMPLIANCE PROGRAM

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah
(Page 2)

3. PRESSURE CONTROL EQUIPMENT

- A. Refer to Diagram A.
- B. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 3,000#/in.
- C. B.O.P. stack will be pressure tested to working pressure of B.O.P. or 70% yield of surface pipe prior to drilling out of surface casing. The stack will then be checked on each trip to insure workability. B.O.P. will be tested at least once each 30 days if drilling duration warrants.
- D. Hydraulic B.O.P. controls will be located in the accumulator shed. Manual controls will be located on the B.O.P.

4. A. Casing Design:

<u>Casing String</u>	<u>Interval</u>	<u>Section Length</u>	<u>Size</u>		<u>Grade</u>	<u>Type</u>	<u>Cond.</u>
			<u>OD</u>	<u>Wt.</u>			
Surface	0' - 250'	250'	8 5/8"	24#	K-55	ST&C	New
Production	0' - 6,100'	6,100'	5 1/2"	15.5#	K-55	LT&C	New

All casing strings will be pressure tested to a minimum of 1,000 psi or .2 psi/ft. prior to drilling out cement.

B. Cement Program:

Surface

Type and Amount of Cement

Circulate to surface with Lite and tailed with Regular. If there are inadequate cement returns or fallback, surface will be cemented from surface with 1" pipe.

Production

Lite tailed with Regular. Volume and fill-up will be determined by Caliper Log. Est. amount 350 sxs. Production hydrocarbon zones will be cemented.

EIGHT POINT COMPLIANCE PROGRAM

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah
(Page 3)

4. C. Auxiliary Equipment

1. Upper or lower kelly cock.
2. One full opening stabbing valve on floor at all times.

5. THE TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUD

Water to 250' Low solids nondispersed to T.D.

If conditions necessitate, mud up may be above 250'

Max. Wt. 9.0

Vis. 55

WL 10 cc.

Enough weighting material and chemicals will be kept on location to maintain these mud characteristics.

Monitoring Equipment: Full hole or mud return indicator from mud up to T.D.

6. EVALUATION PROCEDURES

1. Drill Stem Tests: Will be determined by onsite geologist.
2. Coring: Will be determined by onsite geologist.
3. Logging: Dual Induction Log will be run from T.D. to base of surface casing and Gamma Ray across the surface casing. BHC-Sonic will be run from T.D. uphole 1,000+'.
4. Completion Plan: If hydrocarbons are found a fracturing procedure may be initiated. If this fracturing procedure is used, the pumping equipment, tanks of combustible fluid and well head will be a minimum of 75' apart. Fracturing size and type will be determined after evaluation of logs.

EIGHT POINT COMPLIANCE PROGRAM

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah
(Page 4)

7. ABNORMAL DRILLING CONDITIONS

1. Abnormal Pressure: None anticipated.
2. Abnormal Temperatures: None anticipated.
3. Hydrogen Sulfide: None anticipated.
4. Anticipated Bottom Hole Pressure: 1,500 psi.

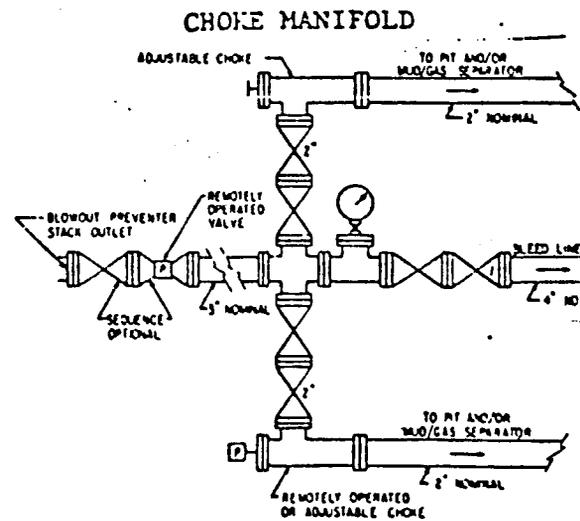
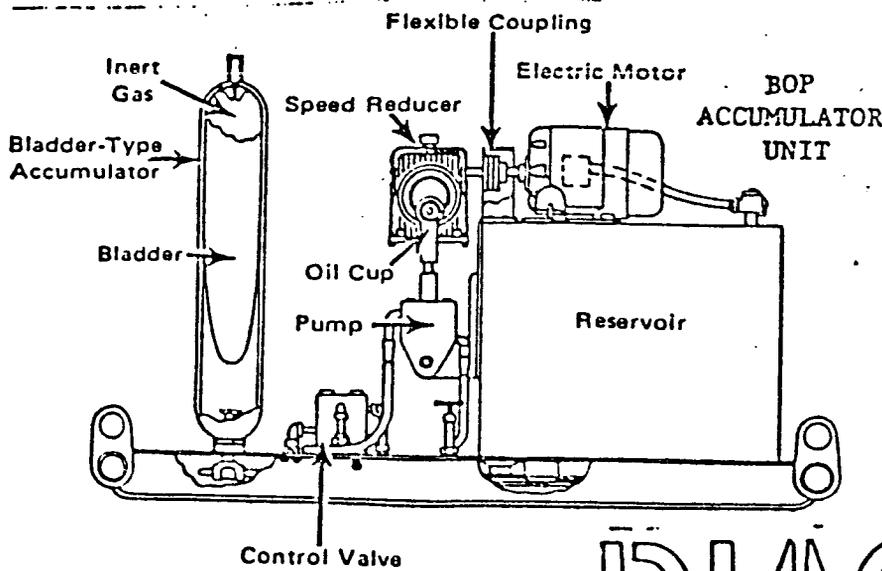
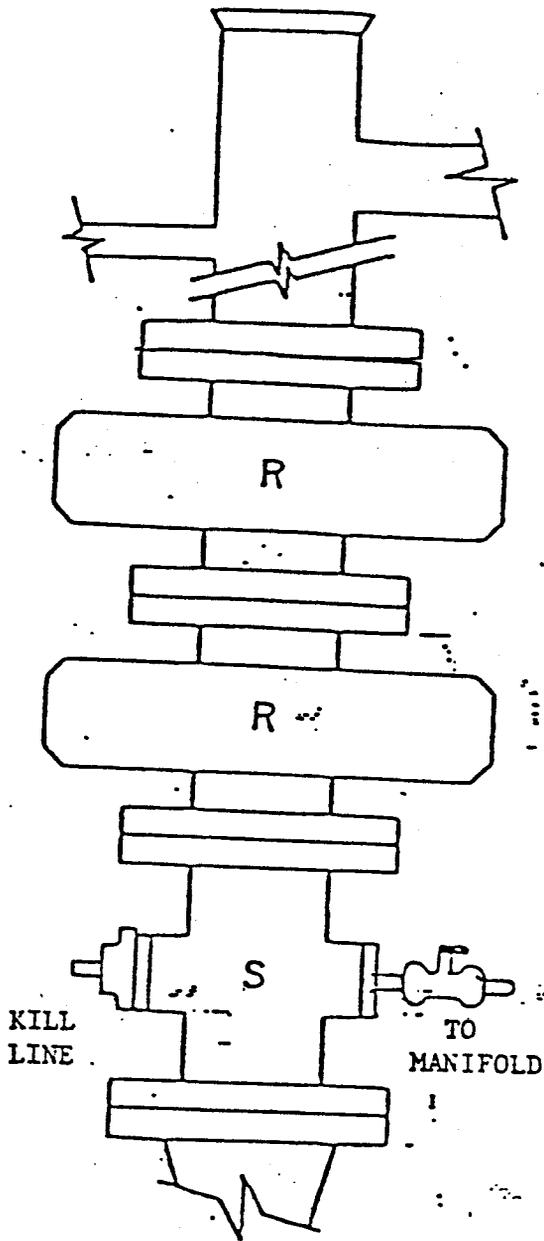
8. ANTICIPATED STARTING DATE AND DURATION

We anticipate commencing operations by September 20, 1987 or as soon as governmental approval is obtained. The anticipated duration of drilling and completion operations is approximately six (6) weeks.

3000 BOP

PIPE RAMS

BLIND RAMS



MAXUS

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah

1. EXISTING ROADS

- A. From Myton, Utah travel west on Highway #40 for approximately 1.6 miles. Turn south (left) and proceed 10.3 miles. Turn west (right) and proceed 0.8 mile to the beginning of the new road.
- B. Existing roads will be maintained in as good or better condition.

2. ACCESS ROAD

- 1. Width: 0.2 mile of new road to be bladed to a width of 18'.
- 2. Maximum Grades: 4%.
- 3. Turnouts: None.
- 4. Drainage Design: Borrow ditching required for drainage.
- 5. Culverts, Major Cuts and Fills: None for drilling.
- 6. Surfacing Material: Native soil.
- 7. Gates, Cattleguards or Fence Cuts: None.
- 8. New road has been flagged.

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah
(Page 2)

3. LOCATION OF EXISTING WELLS

1. Water Wells: None known.
2. Abandoned Wells: One.
3. Temporarily Abandoned Wells: None.
4. Disposal Wells: None.
5. Drilling Wells: None.
6. Producing Wells: Eleven.
7. Shut in Wells: None.
8. Injection Wells: None.
9. Monitoring or Observation Wells: None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. New Facilities

1. Proposed Location: Refer to Diagram. All flowlines will be buried and will be on well site and battery site.
2. Dimensions of Facilities: See Diagram.
3. Area to be used for production will be leveled. Materials to be used for foundation are native soil and crushed rock.
4. Protective Measures: Pits will be fenced to protect livestock and wildlife.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Location: Parriette Draw, Sec. 36, T8S, R17E
Permit #47-1769 *T62326*
- B. Transportation: Water will be hauled over existing roads to the location.
- C. Water Well: No water well to be drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Native soil from road and location will be used for construction materials.
- B. Construction materials are from access road and location.
- C. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be obtained from private supplies in the marketing area.
- D. No additional road is required on Federal or Indian lands for construction materials.

7. METHODS OF HANDLING WASTE DISPOSAL

- 1. Cuttings: Will be contained in the reserve pit.
- 2. Drilling Fluids, Including any Salts or Chemicals: Will be contained in the reserve pit and allowed to evaporate before being covered. The reserve pit will be designed to prevent the collection of surface run off.
- 3. Produced Fluids: Oil will be put in storage tanks. Formation water will be put in the reserve pit.
- 4. Sewage handling and disposal will be in accordance with the Local Health Department having jurisdiction.
- 5. Garbage or other waste material will be put in the trash cage, which will be totally enclosed and hauled to sanitary land fill. No burning will be allowed.
- 6. Cleanup of Well Site: All debris will be gathered and collected after the drilling rig has moved out. The location will then be re-leveled prior to moving in a completion rig. Cellar, rathole and mousehole will be filled at this time. Reserve pit will be fenced on three sides during drilling and the fourth side upon release of the rig.

8. ANCILLARY FACILITIES

No camps, airstrips or other ancillary facilities required.

9. WELLSITE LAYOUT

1. Cross sections of drill pad with cuts and fills refer to Diagram.
2. Location of mud tanks, reserve pit, flare pit, piperacks, living facilities, and soil material stockpiles - refer to Diagram.
3. Rig orientation, parking areas, and access road - refer to Diagram.
4. Steel pits will be utilized to circulate drilling mud. The BLM will be notified upon completion of the reserve pit to determine if lining is necessary.

10. PLANS FOR RESTORATION OF SURFACE

1. Backfilling, Leveling, Contouring and Waste Disposal: Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be contoured, to restore the surface to as near its original condition as possible. In the event of production those areas not needed for operations will be recontoured to support vegetation. Waste materials will be hauled to a sanitary landfill.
2. Revegetation and Rehabilitation: Stockpiled topsoil stripped from the location will be redistributed after contouring. All areas disturbed by Maxus Exploration Company, (drilling pad and access road) will be reseeded with a mixture and at a time recommended by the surface management agency.
3. Pit Maintenance: Pits will remain fenced and be maintained until backfilled.
4. Oil on Pit: Oil on the pit will be removed or overhead flagging installed for the protection of waterfowl
5. Timetable of Rehabilitation: Rehabilitation will begin upon completion of drilling. Complete rehabilitation will depend on weather conditions and time required for pits to dry.

Allen Federal 31-6
NW/NE, Sec. 6, T9S, R17E
Duchesne County, Utah
(Page 4)

11. SURFACE OWNERSHIP

Surface Ownership: Federal - BLM

12. OTHER INFORMATION

Proximity of Water: Threr are no known archaeological, historical or cultural sites in the area. There is no live water or occupied dwellings within a one mile radius.

13. LESSEE OR OPERATOR REPRESENTATIVE AND CERTIFICATION

Russ Ivie	Drawer E, Vernal Utah 84078	801-789-5270
Jim Pachulski	P.O. Box 2530 Mills, Wyoming 82644	307-266-1882
Bill Foster	P.O. Box 2530 Mills, Wyoming 82644	307-266-1882

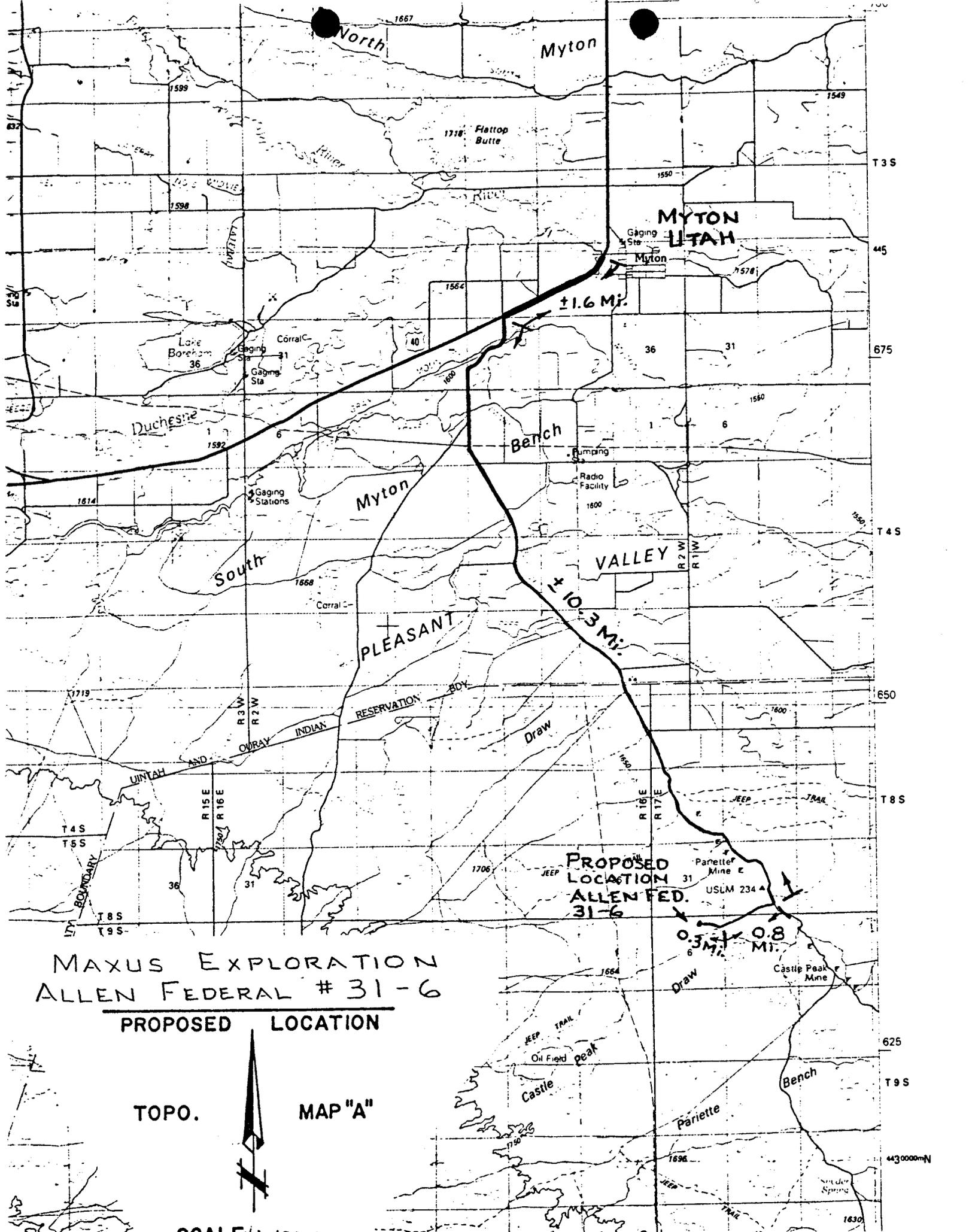
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated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

DATE

8/28/87


James M. Pachulski

Sr. Environmental & Regulation Eng.



MAXUS EXPLORATION
 ALLEN FEDERAL # 31-6

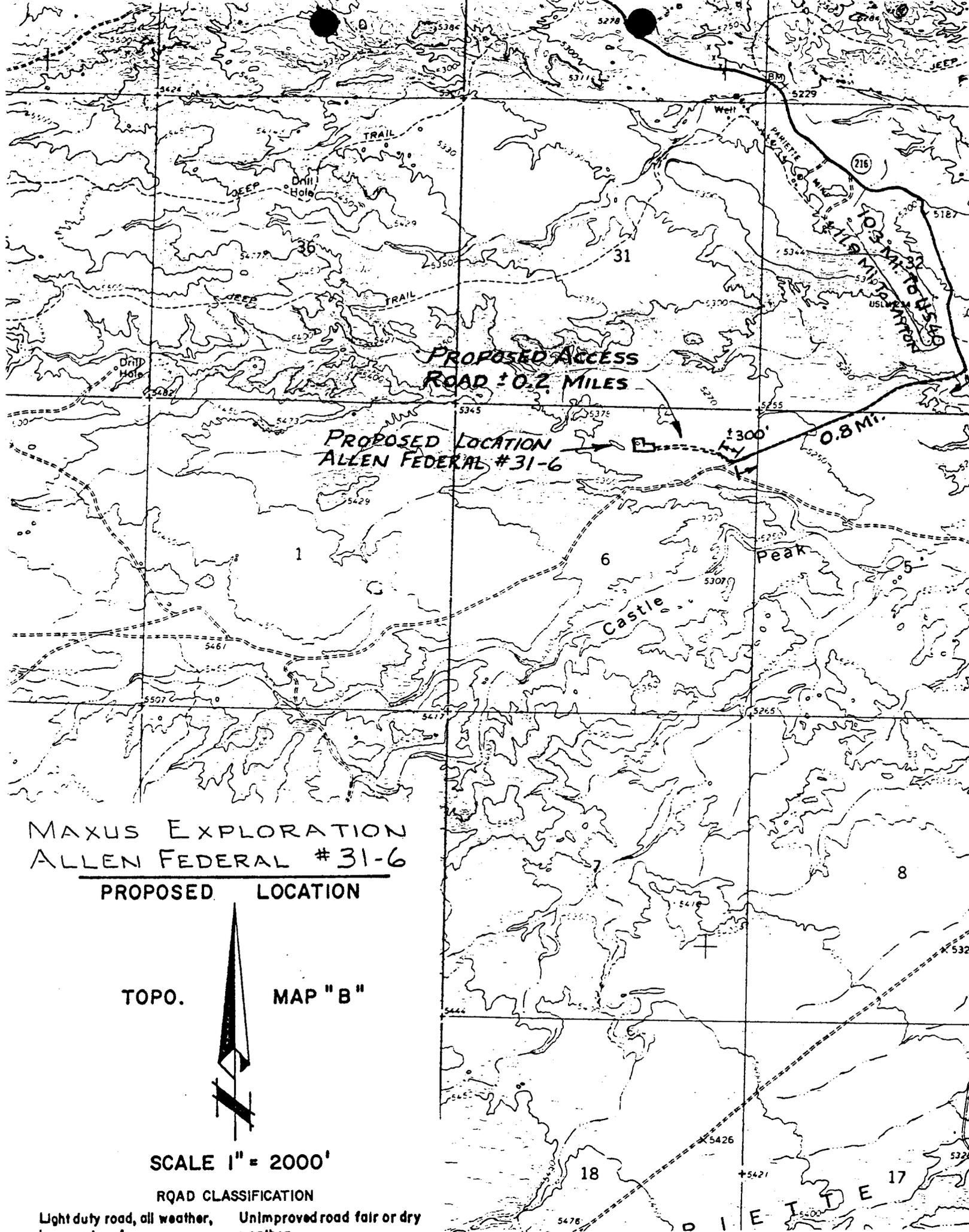
PROPOSED LOCATION

TOPO.

MAP "A"

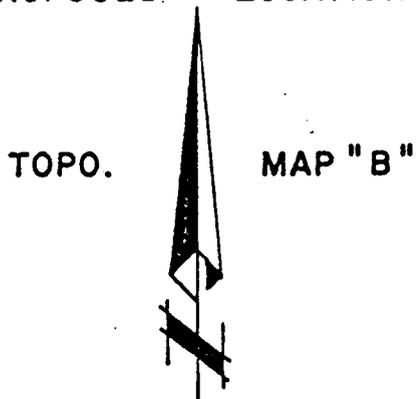


SCALE 1:50,000



MAXUS EXPLORATION
ALLEN FEDERAL #31-6

PROPOSED LOCATION

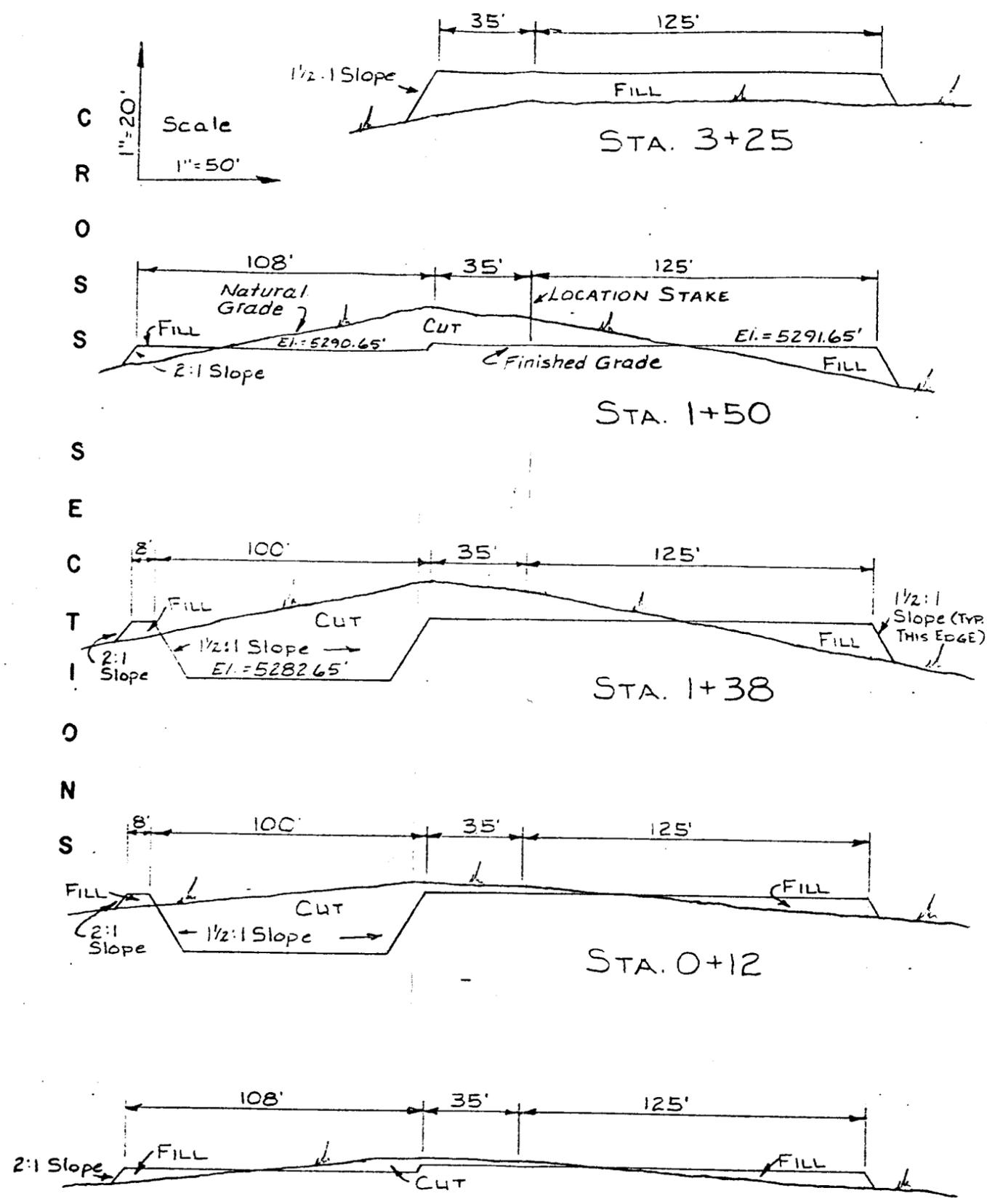
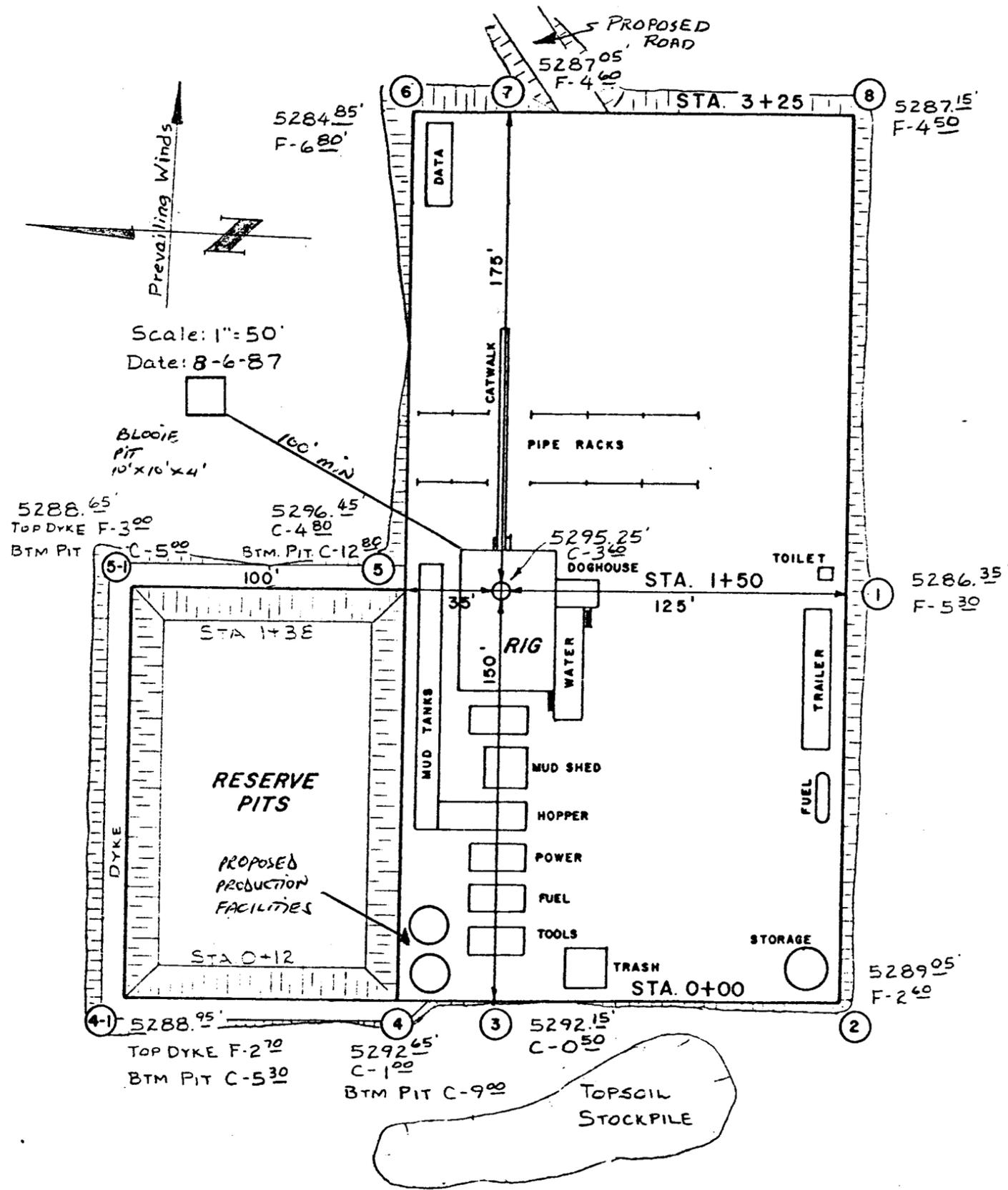


SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface Unimproved road fair or dry weather

MAXUS EXPLORATION
 ALLEN FEDERAL #31-6
 LOCATED IN
 SECTION 6, T9S, R17E, S.L.B.&M.



STA. 0+00
APPROXIMATE YARDAGES
 CUT; LOCATION = 4,939 Cu. Yds. TOPSOIL = 1440 Cu. Yds.
 FILL = 3,910 Cu. Yds.
 UNBALANCE AFTER 20% COMPACTION
 IS 239 Cu. YDS OF CUT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK

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24. SIGNED Jane M. Pachulski TITLE Sr. Environmental & Regulation Engineer DATE 8-18-87

(This space for Federal or State office use)

PERMIT NO. 43,013-31195 APPROVAL DATE

APPROVED BY [Signature] TITLE District Manager DATE 9-23-87

CONDITIONS OF APPROVAL, IF ANY:

COPIES OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

RECEIVED

SEP 24 1987

*See Instructions On Reverse Side

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

DIVISION OF OIL
GAS & MINING

Div OG+M

Ut 080 - 7m - 71

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Maxus Exploration Co. Well No. 31-6

Location NW/NE Lot 2 Sec. 6 T.9S. R.17E. Lease No. U-020252-A

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

A. DRILLING PROGRAM

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

Report all water shows and water bearing sands encountered to Wayne Svejnoha of this office. Copies of State of Utah form, OGC-8-X, will be acceptable. If noticeable water flows are encountered, submit samples to this office along with any water analyses conducted by the operator.

Fresh water may be encountered in the Uinta Formation from surface to 300' and from 800' to 1200' as well as in the Green River Formation from 2800' to 3200' and from 4500' to 6100'. These zones, if detected while drilling, shall be isolated and protected by the cementing program for the production casing.

Tar sands may be encountered in the Uinta Formation anywhere from surface to 1250'. If detected while drilling, please notify Al McKee of this office. No protection shall be required.

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

2. Pressure Control Equipment

An Annular Bag-Type Preventer shall be utilized in the BOP stack. The preventer shall be pressure tested to 1500 psi.

All BOPE and testing procedures will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

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

3. Casing Program and Auxiliary Equipment

The Mahogany Oil Shale zone of the Parachute Creek Member of the Green River Formation (well bore intercept dept + 2700' to 2800') will be protected. The cementing program for the production casing shall provide for coverage at a minimum 100' above this zone.

If production casing is cemented in place, a Cement Bond Log shall be run to determine cement top and bonding quality. Copies of the CBL shall be submitted to this office.

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

4. Mud Program and Circulating Medium

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

5. Coring, Logging and Testing Program

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

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Notifications of Operations

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

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

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

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

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

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

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

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

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed

a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

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

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

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

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

Revised October 1, 1985

Date NOS Received 08/12/87

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

Company/Operator Maxus Exploration Company

Well Name & Number Allen Federal 31-6

Lease Number U-020252-A

Location Lot 2 _____ Sec. 6 _____ T.9S. _____ R.17E. _____

Surface Ownership Bureau of Land Management

THIRTEEN POINT SURFACE USE PROGRAM:

1. Planned Access Roads

Width - 30 foot right-of-way with 18 foot running surface maximum.

Access road surface ownership - Bureau of Land Management

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

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

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

2. Location of Existing and/or Proposed Facilities

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery. The integrity of the dike must be maintained.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown (10 yr 6/3).

3. Methods for Handling Waste Disposal

Produced waste water will be confined to the reserve pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a

permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

4. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

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

5. Plans for Restoration of Surface

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit will be reclaimed within 90 days from the date of well completion.

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

Seed will be broadcast or drilled from September 15 until the ground freezes. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

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

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

6. Other Additional Information

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

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

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

The blooie pit will be located east of and separate from the reserve pit, a minimum of 100 feet from the rig.

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

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

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

091702

OPERATOR Mapua Exploration DATE 9-9-87

WELL NAME Allen Fed. 31-6

SEC NWNE 6 T 95 R 17E COUNTY Duchesne

43-013-31195
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920'

Water #47-1769 (T-62326) County Leasing

APPROVAL LETTER:

SPACING:

R615-2-3

UNIT

R615-3-2

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

September 14, 1987

Maxus Exploration Company
P. O. Box 2530
Mills, Wyoming 82644

Gentlemen:

Re: Allen Federal 31-6 - NW NE Sec. 6, T. 9S, R. 17E
660' FNL, 1980' FEL - Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules.

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 of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. 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.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Maxus Exploration Company
Allen Federal 31-6
September 14, 1987

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-013-31195.

Sincerely,



R. A. Firth
Associate Director, Oil & Gas

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

092917

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-013-31195

NAME OF COMPANY: MAXUS EXPLORATION COMPANYWELL NAME: ALLEN FEDERAL 31-6SECTION NW NE 6 TOWNSHIP 9S RANGE 17E COUNTY DuchesneDRILLING CONTRACTOR Leon RossRIG # 6SPUDED: DATE 9-28-87TIME 8:00 AMHOW Dry Hole DiggerDRILLING WILL COMMENCE 9-30-87 - Maverick - Rig 25REPORTED BY LonnieTELEPHONE # 789-5270DATE 9-29-87 SIGNED AS

RECEIVED
OCT 26 1987

FILING FOR WATER IN THE STATE OF UTAH

Rec. by JB
Fee Rec. 30.00
Receipt # 20984
Microfilmed _____
Roll # _____

DIVISION OF OIL, GAS & MINING

APPLICATION TO APPROPRIATE WATER

TEMPORARY

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.

SEP 16 1987 *if*

WATER RIGHTS SALT LAKE

APPLICATION NO. T62814

WATER USER CLAIM NO. 47 - 1786

1. PRIORITY OF RIGHT: September 3, 1987

FILING DATE: September 3, 1987

2. OWNER INFORMATION

Name: Dalbo Incorporated
Address: P.O. Box 1167, Vernal, UT 84078
The land is not owned by the applicant(s), see explanatory.

Interest: 100 %

3. QUANTITY OF WATER: 4.0 acre feet (Ac. Ft.)

4. SOURCE: Parlette Draw DRAINAGE: Nine Mile Creek which is tributary to Green River which is tributary to Colorado River

POINT(S) OF DIVERSION:

(1) W. 500 feet, from the SE Corner of Section 27, Township 8 S, Range 18 E, SLB&M

Source: Parlette DRaw

Description of Diverting Works: Tank Trucks

COMMON DESCRIPTION: 10 MI SW of Ouray

COUNTY: Uintah

5. NATURE AND PERIOD OF USE

Oil Exploration From September 3 to September 3.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Oil Well Drilling

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 6		X														
9 S 17 E 04												X				
9 S 17 E 08									X							

All locations in Salt Lake Base and Meridian

EXPLANATORY

The land is owned by the Bureau of Land Management. Water is to be used for oil well drilling. Allen Federal 31-6 Section 6, Maxus Fed'l 24-4 Sect.4, Maxus Fed'l 23-8 Sect.8.

43-013-31194-PA (24-4)

43-013-31196-POW(23-8)

43-013-31195-POW (31-6)

Appropriate

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).

Dalbo Inc
Signature of Applicant

Ken Rice

STATE OF CALIFORNIA
DIVISION OF WATER RIGHTS

APPROVED

DATE

RELEASED

STATE ENGINEER'S ENDORSEMENT

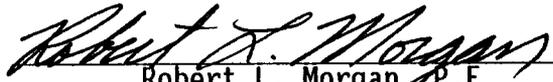
WATER RIGHT NUMBER: 47 - 1786

APPLICATION NO. T62814

1. September 3, 1987 Application received.
 2. October 6, 1987 Application designated for APPROVAL by MP and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated October 23, 1987, subject to prior rights and this application will expire on October 23, 1988.


Robert L. Morgan, P.E.
State Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form 3160-6
(November 1983)
(Formerly 9-31)

NOV 16 1987

MONTHLY REPORT
OF
OPERATIONS

DIVISION OF
OIL, GAS & MINING

Lease No. U-020252-A
Communitization Agreement No. _____
Field Name MONUMENT BUTTE
Unit Name _____
Participating Area _____
County DUCHESNE State UTAH
Operator MAXUS EXPLORATION CO.
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of OCTOBER, 1987 111917

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396d), regulation (43 CFR 3162.4-3), and the terms of the lease. Failure to report can result in the assessment of liquidated damages, (43 CFR 3160), penalties, shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (43 CFR 3160). Dr.

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
31-6	NW/NE 6	T9S	17E	DRG	-0-				ALLEN FEDERAL 31-6 43-013-31195
					10-17-87	Ø 5451'			
					10-18-87	Ø 5710'			
					10-19-87	TIH 5908"			
					10-20-87	Ø 6052'			
					10-21-87	TIH 6054'			
					10-22-87	LD DP & DC 6054'			
					10-23-87	Rig released 2:00 a.m., landed csg @ 6052'			
					10-24-87	WOCU			
					10-25-87	WOCU			
					10-26-87	WOCU			
					10-27-87	WOCU			
					10-28-87	WOCU			
					10-29-87	WOCU			
					10-30-87	MI & RI Completion Unit			
					10-31-87	Pressure test csg, run 186 jts. tbg.			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Russ Fain Address: P. O. BOX 1669, VERNAL, UTAH 84078
Title: DISTRICT SUPERINTENDENT Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-020252A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

100202

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
Maxus Exploration Company

3. ADDRESS OF OPERATOR
P. O. Box 1669, Vernal, Utah 84078

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

660' FNL & 1980' FEL NW/NE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Allen Federal

9. WELL NO.

31-6

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 6, T9S, R17E

14. PERMIT NO.
43-013-31195

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5295' GR

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) Notice of Spud

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
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.)*

Date and Time Spudded: 9-28-87 @ 8:00 A.M.
Spudded w/Dry Hole Spudder: Leon Ross Drilling, Rig #6
Rotary Rig: Maverick, Rig# 25 Moving In: MIRT 9-29-87

Drilled 12 1/4" hole to 250', set 6 jts 8 5/8", 24 # K-55 casing and landed @ 253' KB. Cemented to surface with 210 sx class "G" cement.

Report of Spud called in to Bill Owens w/BLM and to Arlene w/State of Utah, Division of Oil, Gas and Mining, 9-29-87 2:30 p.m.

RECEIVED

OCT 1 1987

DIVISION OF OIL
GAS & MINING

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

SIGNED Russ Ivie
(This space for Federal or State office use)

TITLE District Superintendent DATE 9- -87

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved,
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

5. LEASE DESIGNATION AND SERIAL NO.

U-020252A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

122107

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ALLEN FEDERAL

9. WELL NO.

31-6

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

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

SEC. 6, T9S, R17E

12. COUNTY OR PARISH 13. STATE

DUCHESNE

UTAH

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

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

660' FNL & 1980' FEL NW/NE

14. PERMIT NO.

43-013-31195

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

5295' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) LAY SURFACE GAS LINES

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

MAXUS EXPLORATION COMPANY requests permission to tie the ALLEN FEDERAL 31-6 well into the existing wet gas gathering system and dry gas distribution system in Federal Lease U-020252A.

The wet gas line will be 2 1/2" steel pipe and will join the existing wet gas gathering system as shown on the attached topo map.

the dry gas line will be 2" steel pipe and will join the existing dry gas distribution system as shown on the attached topo map.

Both lines will be laid on surface, will be buried and marked at road crossings, and will not create a surface disturbance.

The gas produced from this well will be commingled with gas streams from other U-020252A wells. The total volume of gas produced on U-020252A is measured by a 4" Rockwell turbine meter at the inlet manifold to the Monument Butte Plant.

Monthly gas volumes will be allocated to this well via a periodic gas volume and GOR test method, previously accepted by the BLM.

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

SIGNED

Russ Ivie

TITLE

District Superintendent

DATE Nov. 30, 1987

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

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

DATE: 12-15-87

BY: [Signature]

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

2

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL GAS WELL DRY

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR.

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 660' FNL & 1980' FEL NW/NE
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. *Del.* DATE ISSUED 9-14-87
43-013-31195

5. LEASE DESIGNATION AND SERIAL NO.
U-020252A

6. IF INDIAN ALLOTTEE OR TRIBE NAME
020401

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Allen Federal

9. WELL NO.
31-6

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 6, T9S, R.17E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

15. DATE SPUDDED 9-28-87 16. DATE T.D. REACHED 10-20-87 17. DATE COMPL. (Ready to prod.) 12-09-87 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5295' 19. ELEV. CASINGHEAD 5297'

20. TOTAL DEPTH, MD & TVD 6054' 21. PLUG, BACK T.D., MD & TVD 5913' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5235-5256' 4 spf 5050-5056' 4 spf Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ACBL/EPL/CNL Density/Dual Laterolog/Electro. Propagation Log 10-22-87 27. WAS WELL CORRED No

RECORDED
JAN 28 1988

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	253'	12 1/4"	210 sx class "G"	None
5 1/2"	15.50#	6052'	7 7/8"	570 sx class "G"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5505	None

31. PERFORATION RECORD (Interval, size and number)

5235-56' (21') 4 spf
5050-56 (6') 4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5235-5256'	38,500 gal gel w/86,500# 16-30 sd
5050-5056'	34,000 gal gel w/56,740# 16-30 sd.

33. PRODUCTION

DATE FIRST PRODUCTION 12-9-87 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping, 2 x 1 1/2 x 16 RWBC WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-23-87	24			51.69	50	6.67	967:1

FLOW. TUBING PRBS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			51.69	50	6.67	33.1

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

TEST WITNESSED BY
Ronnie Zeller

35. LIST OF ATTACHMENTS

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

SIGNED Ronnie Zeller TITLE Production Supervisor DATE 1-19-88
Ronnie Zeller

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Green River	1500'	
				Top Oil Shale	1582'	
				Horse Bench SS	2276'	
				Base Oil Shale	3194'	
				Garden Gulch	3756'	
				Douglas Creek	4740'	
				Wasatch Tongue	5615'	
				Lower Base Shale	6006'	



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

October 8, 1991

-- VIA FEDERAL EXPRESS --

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

Dear Lisha:

Enclosed are sundry notices for Change of Operator for the wells on the enclosed list. These wells are currently operated by Maxus Exploration Company and are being transferred to:

Balcron Oil
P.O. Box 21017
Billings, MT 59104

The transfer is effective November 1, 1991.

If there is any other information you need or if you have any questions, please give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental, and Regulatory Affairs

/rs

Enclosures

cc: James M. Pachulski, Maxus Exploration Company

*Thanks for all
your help, Lisha.*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.
SEE ATTACHED LIST

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

8. FARM OR LEASE NAME

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

9. WELL NO.

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104 (406)259-7860

10. FIELD AND POOL, OR WILDCAT

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

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

SEE ATTACHED LIST

At proposed prod. zone

14. API NO.

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

12. COUNTY

13. STATE

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

APPROX. DATE WORK WILL START _____

DATE OF COMPLETION _____

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.)

* Must be accompanied by a cement verification report.

Effective November 1, 1991, the operator of this well will change from Maxus Exploration Company

TO: EQUITABLE RESOURCES ENERGY COMPANY
P.O. Box 21017
Billings, MT 59104

Effective November 1, 1991, Equitable Resources Energy Company is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under Bureau of Land Management Bond #5547188 issued by Safeco Insurance Co.

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

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

SIGNED _____

TITLE _____

Attorney-in-Fact

DATE _____

October 8, 1991

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Maxus Exploration Comp
P.O. Box 2530
Mills, Wyoming 82644
307 266-1882

RECEIVED

OCT 10 1991

DIVISION OF
OIL GAS & MINING

MAXUS

October 7, 1991

State of Utah
Division of Oil & Gas
3 Triad Center, Ste. 350
Salt Lake City, Utah 84180

Re: Operator Transfer of Maxus
Exploration Company Wells

Dear Sir:

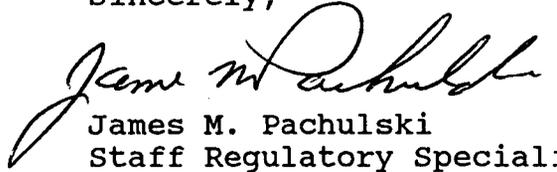
Attached is a list of wells within the State of Utah currently operated by Maxus Exploration Company. These wells are in the process of being transferred to a new operator:

Balcron Oil
P.O. Box 21017
Billings, Montana 59104
Attn: Bobbie Schuman
Coordinator of Environmental and Regulatory
Affairs (406) 259-7860

The transfer will become effective on November 1, 1991. Individual Sundry notices for each well will be forwarded to the BLM with a copy to the State of Utah by Balcron Oil in the near future. These Sundry Notices will include the bond number, effective date and a statement agreeing to be responsible under the terms and conditions of the lease.

Please contact the undersigned if there are any questions. Thank you.

Sincerely,


James M. Pachulski
Staff Regulatory Specialist

JMP:ka

cc: Balcron Oil

Maxus Energy Corporation
717 North Harwood Street
Dallas, Texas 75201
214 953-2000

11/1/91

MAXUS

TO: INTEREST OWNERS

SALES OF WELLS

MAXUS HAS SOLD ALL THEIR NORTH DAKOTA, MONTANA, UTAH, AND WYOMING (EXCEPT ALPHA FIELD in WYOMING) EFFECTIVE 11/1/91.

TO: BALCON OIL & GAS CO
P. O. BOX 21017
BILLINGS, MT 59104

PRODUCTION DEPT / JENICE FUGERE

PH: 406/259-7860

IT IS MY UNDERSTANDING THAT MAXUS WILL OPERATE THESE WELLS UNTIL NOVEMBER 1, 1991, ~~BUT THAT IS SUBJECT TO CHANGE.~~ I JUST WANTED TO GIVE YOU THEIR NAME AND ADDRESS.

Nancy Lawrence

Nancy Lawrence / 214/953-2177
Oil Accounting

RECEIVED

NOV 29 1991

DIVISION OF
OIL GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 SOUTH 500 EAST
VERNAL, UTAH 84078



IN REPLY REFER TO:

3162.3
UT08438

JAN 02 1992

Equitable Resources Energy Company
Attn: Bobbie Schuman
P.O. Box 21017
Billings, Montana 59104

43 013-21195
Re: Well No. Allen Federal 31-6
NWNE, Sec. 6, T9S, R17E
Lease U-020252-A
Uintah County, Utah

Dear Ms. Schuman:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Equitable Resources Energy Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. MT0576, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Ed Forsman of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: Maxus Exploration Company

RECEIVED

JAN 06 1992

DIVISION OF
OIL, GAS & MINING

Routing:	
1-LCR	
2-DTS	
3-VLC	
4-RJF	
5-RWM	
6-ADA	7-LCR

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

Exchange 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: 11-1-91)

TO (new operator) <u>BALCRON OIL</u>	FROM (former operator) <u>MAXUS EXPLORATION COMPANY</u>
(address) <u>P. O. BOX 21017</u>	(address) <u>717 N. HARWOOD, STE 2900</u>
<u>1601 LEWIS AVENUE BUILDING</u>	<u>DALLAS, TX 75201</u>
<u>BILLINGS, MT 59104</u>	<u>JAMES PACHULSKI (WYO)</u>
phone <u>(406) 259-7860</u>	phone <u>(307) 266-1882</u>
account no. <u>N9890 (12-5-91)</u>	account no. <u>N 0865</u>

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

Name: <u>**SEE ATTACHED**</u>	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

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 10-10-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 10-9-91)*
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: dba 097441. *(Owned by Equitable Resources Energy Company # 134640)*
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.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-92)*
6. Cardex file has been updated for each well listed above. *(1-13-92)*
7. Well file labels have been updated for each well listed above. *(1-13-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-92)*
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

- 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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 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.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

STATE 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

INDEXING

- 1. All attachments to this form have been microfilmed. Date: _____ 19____.

INDEXING

- 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.

REMARKS

- 911007 Btm/Vernal "No documentation as of yet."
- 911025 Btm/Vernal "Have documentation - not approved as of yet." Will notify DGBM when approved.
- 911125 Btm/Vernal " "
- 911231 Btm/Vernal " "
- 920110 Balceron/Bobby Schuman Reg. Transfer of Authority to Inject "Parvett Bench Unit #4" and 134-35 Sundry for operator change "Castlepeak St. 43-16"



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-218
2-DTS	158-LEC
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address) <u>PO BOX 21017</u>
	<u>PO BOX 21017</u>	<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>	
	phone (<u>406</u>) <u>259-7860</u>	phone (<u>406</u>) <u>259-7860</u>
	account no. <u>N 9890</u>	account no. <u>N9890</u>

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

Name: <u>**ALL WELLS**</u>	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

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (filed 3-8-93)
- See 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: 134640.
- * 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- See 6. Cardex file has been updated for each well listed above. (3-19-93)
- See 7. Well file labels have been updated for each well listed above. (3-19-93)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- See 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

- ✓ 1. (Rule R615-8-7) 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 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.
Fee

BOND VERIFICATION (Fee wells only) *930319 Rec'd bond rider eff. 3-4-93.

- ✓ 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belcon Oil, A Division of Equitable Resources Energy Company.
- ✓ 2. A copy of this form has been placed in the new and former operators' bond files. *upon completion of routing.
- 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. 4-14-93
- ✓ 2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: March 30 1993.

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

930308 Btm 15.4. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcon Oil Division".



MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DAWN SCHINDLER
BALCRON OIL
PO BOX 21017
BILLINGS MT 59104

Utah Account No. N9890

Report Period (Month/Year) 1 / 93

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
COYOTE BASIN 21-7					
4304731673 10056 08S 25E 7	WSTC				
PARIETTE BENCH FED #43-6					
4304731616 10280 09S 19E 6	GRRV				
ALLEN FEDERAL #31-6					
4301331195 10788 09S 17E 6	GRRV				
MAXUS FEDERAL #23-8					
4301331196 10800 09S 17E 8	GRRV				
COYOTE BASIN 32-6					
4304731835 10865 08S 25E 6	WSTC				
MONMNT BUTTE 1-13					
01330702 11068 09S 16E 1	GRRV				
MONMNT BUTTE 1-14					
4301330703 11069 09S 16E 1	GRRV				
MONMNT BUTTE 1-23					
4301330646 11070 09S 16E 1	GRRV				
MONMNT BUTTE 1-33					
4301330735 11071 09S 16E 1	GRRV				
MONMNT BUTTE 1-43					
4301330734 11072 09S 16E 1	GRRV				
BALCRON COYOTE FEDERAL 12-5					
4304732253 11383 08S 25E 5	GRRV				
BALCRON COYOTE FEDERAL 21-5					
4304732260 11384 08S 25E 5	GRRV				
BALCRON COYOTE FEDERAL 31-7					
4304732254 11396 08S 25E 7	GRRV				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

RECEIVED

SEP 02 1993

DIVISION OF
OIL, GAS & MINING

September 1, 1993

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are sundry notices for workovers on the wells on the enclosed list. One of the sundry notices also is a notice that we intend to convert the well to injection in accordance with our EPA permit.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining
Chuck Williams, EPA

- 1) Balcron Monument Federal #11-6
NW NW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 2) Allen Federal #13-6
NW SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 3) Balcron Monument Federal #24-6
SW SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 4) Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 5) Allen Federal #1-6
SE SE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 6) Allen Federal #31-6
NW NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 7) Allen Federal #12-6
SW NW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 8) Allen Federal #23-6
NE SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah

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.

U-020252A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Allen Federal # 31-6

9. API Well No.

43-013- 31195

10. Field and Pool, or Exploratory Area

Monument Butte/Green 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, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

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

NW NE Section 6, T9S, R17E

660' FNL, 1980' FEL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>convert to injection & workover</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.)*

Due to the completion and approval of the Jonah Unit in the Monument Butte Field, Equitable Resources Energy Company, Balcron Oil Division plans to workover this well in accordance with the attached workover procedure. We propose to convert this well to water injection in accordance with the approved water injection permit and to inject water into all potential waterflood sand horizons in the Douglas Creek member of the Green River formation. Water will be injected at an approximate rate of 5 STBWPDP per foot of sand. Refer to the attached perforation table for more information.

RECEIVED

SEP 02 1993

DIVISION OF OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 9-1-93
 (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 statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Allen Federal #31-6
NW NE Sec.6,T9S,R17E
Lease No.U-020252A
Monument Butte Field
Duchesne Co., Utah

Workover Procedure

9-1-93
JZ

Proposed Operations: Set up injection packer assembly to inject water into the GREEN1 and GREEN4 sands, inspect tubing string for integrity, set up wellhead surface equipment for water injection.

Existing Perforations: GREEN1 Zone 5050'- 5056' KB w/2 spf.
GREEN4 Zone 5235'- 5256' KB w/2 spf.

Capacity Data: 5 1/2", 15.5 #, J-55 csg 0.0238 STB/FT.
2 3/8", 4.6 #, J-55 tbg 0.00387 STB/FT.
5 1/2" x 2 3/8" annulus 0.0183 STB/FT.

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SEP 02 1993

Proposed Workover Procedure

DIVISION OF
OIL, GAS & MINING

- 1) MIRU pulling unit, ND wellhead, NU BOP.
- 2) TOOH w/rods, pump, & tbg, lay down rods & tbg, send out for inspection.
- 3) RIH w/bit & scraper, SN, & tbg, check well for td, reverse circulate well to TD if required.
- 4) RIH w/RBP, retrieving tool, one jnt 2 3/8" tbg, SN, packer, & 2 3/8" tbg, set RBP @ 5290' KB, pull up hole & set packer @ 5200' KB.
Note: Strap tbg going into hole.
- 5) Test perforations from 5235'- 5256' KB for injectivity, pump 50 STB of 2% KCl water into perms w/hot oiler, stair step injection rate and record pressure.
- 6) Release packer, retrieve RBP, reset RBP @ 5080' KB, pull up hole & set packer @ 5020' KB.
- 7) Test perforations from 5050'- 5056' KB for injectivity, pump 50 STB of 2% KCl water into perms w/hot oiler, stair step injection rate and record pressure.
- 8) Release packer, retrieve RBP, TOOH w/tbg, packer, & RBP.
- 9) RIH w/injection packer, SN, & tbg, inspect all treads & collars on tbg going into hole, land packer @ 5020' KB, load csg annulus with Champion corrosion inhibitor (55 gals Cortron #23-83 w/60 STB water), cap off annulus w/diesel, set injection packer @ 5020' KB, flange up wellhead.
Note: Csg collars @ 5004' & 5048' KB.

- 10) Pressure test the csg annulus to 600 psig for the integrity test, contact Jerry Barns w/the Vernal BLM to witness the test. Test is to be held @ 500 psig or greater for one hour.
- 11) Return the well to injection at a rate of 135 STBWPD.
- 12) Let well injection pressure stabilize and run injection profile.
- 13) Determine from injection profile if it is necessary to run isolation packers and injection orifices to force water into all potential flood zones.

Balcron Oil
 Jonah Unit Waterflood
 Section 6, T9S, R17E
 Monument Butte Field
 Duchesne County, Utah

INJECTION WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
MONUMENT FED #11-6			4781-4790			++5044-5079	5208-5220		5288-5336		
ALLEN FED #13-6			4744-4768		4910-4930	5054-5066					
ALLEN FED #22-6			4765-4771		4910-4924		5190-5200		5270-5276		
MONUMENT FED #24-6			4678-4681		++4811-4842			++5141-5157	++5165-5181		**5556-5569
ALLEN FED #31-6						5050-5056		5235-5256			
MONUMENT FED #33-6			4658-4676		4814-4824						
MONUMENT FED #42-6			4756-4760		4906-4928	5064-5070					
ALLEN FED #1-6	**4169-4180		4698-4704	4752-4758			5140-5148				

Presently Injecting
 Existing Perforations Proposed For Injection.
 ++ TO BE ADDED
 ** NOT TO BE USED FOR INJECTION

PRODUCING WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
ALLEN FED 12-6		4302-4326	++4780-4788	4832-4851		++5051-5055			5280-5301		5665-5676
ALLEN FED 21-6			Possible				5173-5194	5220-5228	5277-5381	5414-5419	
ALLEN FED 23-6		4249-4267	++4735-4750	4792-4808	4890-4908			++5221-5234	5244-5260		
ALLEN FED 32-6		4246-4289			4912-4934			5232-5354			
ALLEN FED 34-6			4690-4715		4856-4892		5162-5177	5189-5230			
ALLEN FED 41-6		4281-4318	4750-4764		4912-4938	5062-5068	Possible	5236-5260			
ALLEN FED 43-6			4666-4680	4712-4742	4817-4848			5138-5178	5179-5205		

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Equitable Resources Energy Company, Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104

Well name and number: Allen Federal #31-6

Field or Unit name: Monument Butte Lease no. U-020252-A

Well location: QQ NW NE section 6 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 <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Disposal? Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Storage? Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

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: 9/17/93
API number: 43-013-31195

Proposed injection interval: from 5050' to 5056' KB
5235' to 5256' KB

Proposed maximum injection: rate 250 pressure 2000 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: _____

I certify that this report is true and complete to the best of my knowledge.

Name <u>Bobbie Schuman</u>	Signature <u>Bobbie Schuman</u>
Title <u>Coordinator of Environmental and Regulatory Affairs</u>	Date <u>September 29, 1993</u>
Phone No. <u>(406) 259-7860</u>	

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



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)

September 17, 1993

Bobbie Schuman, Coordinator of Environmental and Regulatory Affairs
Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104

Re: Regulatory Practices for Injection Wells and Secondary Recovery Activities in Utah

Dear Ms. Schuman:

It has recently come to the attention of the Division of Oil, Gas and Mining ("Division") staff that there are some misunderstandings, misconceptions, and/or general confusion being experienced by Equitable Resources Energy Company ("Equitable") regarding permitting issues and other regulation of injection activities in the state of Utah. This is quite understandable because Equitable is operating in the Uinta Basin area of Utah where the differing land and lease types and jurisdictional boundaries create a labyrinth of confusion.

Pursuant to a federal court ruling concerning the jurisdictional boundary of the Uintah and Ouray Indian Reservation, the Environmental Protection Agency ("EPA") has implemented an Underground Injection Control ("UIC") program applicable to all lands within this historical boundary. Since most of the land within this boundary is non-Indian, such action has created a dual jurisdictional situation under which oil and gas operator's are subject to two regulatory programs for underground injection activities. This is a very awkward situation that will hopefully be resolved soon by the U.S. Supreme Court. In the meantime, we have tried to ease the regulatory burden of the operators by accepting the documents and information prepared by the operators for the EPA, to fulfill the operator's statutory mandates to the state. However, there still needs to be a certain level of communication and compliance effort made by Equitable to the Division.

Some specific comments concerning injection activities in the Coyote Basin and Jonah projects are as follows,

Page 2
Bobbie Schuman
September 17, 1993

Coyote Basin Secondary Recovery Unit

This project/unit was approved by order of the Board of Oil, Gas and Mining in June of this year. The order included the approval of one injection well, the #42-6X well. Additional injection wells can only be approved following the submittal of a complete application by Equitable. Such application, as mentioned previously, may include documents and information prepared by Equitable for the EPA applications. Submittal of such documents and information is acceptable to the Division in order to alleviate the regulatory burden for Equitable.

Jonah Secondary Recovery Unit

This project/unit was approved by order of the Board in January and July of this year. The first order (Cause No. 228-1), included approval for seven injection wells (#42-6, #33-6, #11-6, #24-6, #1-6, #13-6, #22-6), all within Section 6, T9S, R17E, Duchesne County, Utah. Please note that that portion of the Jonah Unit acreage which is in Range 16 East, is outside the Indian jurisdictional boundary (EPA's designated Indian Country), and thus falls under the jurisdiction of the Division's UIC program.

Additionally, the Division received a sundry notice requesting permission to convert the Allen Federal #31-6 well to an injection well. This well was not an approved injection well under the original Board Order and an application for conversion to an injection well has not been received by the Division. Therefore, the Division requests that Equitable submit an appropriate application for conversion of the Allen Federal #31-6 well to an injection well. Also please provide notification to the Division of any pressure tests to be performed during the well conversion to allow for witnessing the pressure testing by one of our staff members.

I hope these comments will help clear up some of the confusion concerning regulation of injection activities in the Jonah and Coyote Basin Units. I appreciate your continued cooperation and Equitable's diligence as an oil and gas operator in the state of Utah. Please call me if you have any questions.

Sincerely,



Gil Hunt
UIC Program Manager

ldc
cc: R.J. Firth
WUI147

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SEP 20 1993

OPERATOR Balcron Oil
ADDRESS P.O. Box 21017
Billings MT 59104

OPERATOR ACCT. NO. M 9890

DIVISION OF

OIL, GAS & MINING WELL NAME

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NO.	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	10788	11492	4301331195	AF 31-6	LOT 2	6	95	17E	Duchesne		7/1/93
WELL 1 COMMENTS: Jonah Unit											
D	01120	11492	4301330559	AF 32-6	SW NE	6	95	17E	Duchesne		7/1/93
WELL 2 COMMENTS:											
D	01120	11492	4301330586	AF 34-6	SW SE	6	95	17E	Duchesne		7/1/93
WELL 3 COMMENTS:											
D	01120	11492	4301330581	AF 41-6	NE NE	6	95	17E	Duchesne		7/1/93
WELL 4 COMMENTS:											
D	01120	11492	4301330583	AF 43-6	NE SE	6	95	17E	Duchesne		7/1/93
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)

Dawn Schindler
Signature
Prod. Acct 9-15-93
Title Date
Phone No. (406) 259-7860

NO. 1 COLUMN NO. 2-6 CHECKED BY DATE



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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OCT 1 1993

**DIVISION OF
OIL, GAS & MINING**

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

September 29, 1993

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

As we discussed, enclosed is the Application for Injection Well (UIC Form 1) for the Allen Federal #31-6.

We had also talked about submitting the same forms for the Allen Federal #12-6 and Allen Federal #23-6. However; those are not injection wells. The sundry notices we submitted for those wells were for workovers, not for injection. We did not convert those to injection wells.

If you have any questions or need further information, please give either me or John Zellitti of this office a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR BALCRON OIL
ADDRESS P.O. Box 21017
Billings, MT 59104

Well name and number: Allen Federal #31-6
Field or Unit name: Monument Butte Field Lease no. U-020252A
Well location: QQ NW NE section 6 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: _____
API number: 43-013-31195

Proposed injection interval: from 5.235' to 5.256'
Proposed maximum injection: rate 600 BPD pressure ~~2500~~ 2000 psig
Proposed injection zone contains oil, gas, and/or fresh water within $\frac{1}{2}$ mile of the well.

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

List of Attachments: Logs are or will be on file prior to the Hearing.

I certify that this report is true and complete to the best of my knowledge.
Name Bobbie Schuman Signature Bobbie Schuman
Title Coordinator of Environmental Date October 16, 1992
Phone No. () and Regulatory Affairs PHONE: (406) 259-7860

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



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)

October 26, 1993

Ms. Bobbie Schuman
Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104

Re: Application for Conversion of the Allen Federal #31-6 Injection Well Located in Section 6, Township 9 South, Range 17 East, Duchesne County, Utah

Dear Ms. Schuman:

The Division is in receipt of your September 29, 1993 letter, with the enclosed UIC Form 1 for the Allen Federal #31-6 well. We appreciate the submittal of this form, however the form in itself does not constitute a technically complete application for a permit to convert a well to an injection well.

Rule 649-5-2 of the Oil and Gas Conservation General Rules states the requirements for permitting a Class II injection well. Please review these requirements and resubmit a complete application for approval to inject into the above mentioned well. Information which has been previously submitted as part of the Jonah Unit application, and is pertinent to the Class II application need not be resubmitted. Please reference this information where appropriate. Copies of logs previously filed with the Division may also be referenced. Information which has been submitted to the United States Environmental Protection Agency may be acceptable if it meets the requirements of the above mentioned rule.

In light of the fact that this well has already been converted and is presently injecting, the Division requests that the above required information be submitted as soon as possible. It is further advised that prior to any future conversions, a complete application be submitted for review and approval.

Page 2
Ms. Bobbie Schuman
October 26, 1993

If you have any questions please call Dan Jarvis or myself at (801)538-5340.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt". The signature is fluid and cursive, with a large initial "G" and a long, sweeping tail.

Gil Hunt
UIC Manager

Idc
Enclosures
cc: Dan Jarvis
WUI167



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

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355 West North Temple
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43-013-31195

October 26, 1993

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Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
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Page 2
Ms. Bobbie Schuman
October 26, 1993

If you have any questions please call Dan Jarvis or myself at (801)538-5340.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gil Hunt".

Gil Hunt
UIC Manager

Idc
Enclosures
cc: Dan Jarvis
WUI167

INJECTION WELL APPLICATION'

REVIEW SUMMARY

Applicant: BALCRON OIL Well: 31-6

Location: section 6 township 9 SOUTH range 17 EAST

API #: 43-013-31195 Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board ? NO

Lease Type: FEDERAL Surface Ownership: BLM

Field: MONUMENT BUTTE Unit: _____ Indian Country: YES

UIC Form 1: YES Plat: YES Wells in AOR: 4P,4I

Logs Available: YES Bond Log: _____

Casing Program: ADEQUATE

Integrity Test: AT TIME OF CONVERSION

Injection Fluid: FRESH WATER

Geologic Information: DOUGLAS CREEK MEMBER OF GREEN RIVER FORMATION,

Analyses of Injection Fluid: NO Formation Fluid: YES Compat. NO

Fracture Gradient Information: .861PSIG/FT Parting Pressure 2500 PSI

Affidavit of Notice to Owners: YES

Fresh Water Aquifers in Area: THERE ARE NO USDW'S IN AREA

Depth Base of Moderately Saline Water: 4800-5000 MEAN SEA LEVEL

Confining Interval: GREEN RIVER AND WASATCH SHALES

Reviewer: D. JARVIS Date: 11-24 -92

Comments & Recommendation NOTIFIED ON 11-24-92 THAT THIS WELL WILL NOT BE CONSIDERED IN THE WATERFLOOD PROJECT DUE TO PROXIMITY OF FIELD BOUNDARY. WELL MAY BE CONSIDERED AT A LATER DATE.

Allen Federal #31-6
NW NE Sec. 6,T9S,R17E
Lease No. U-020252A
MONUMENT BUTTE FIELD
DUCHESNE CO., UTAH

Proposed Injection Well Completion Diagram

BALCRON OIL
7-20-92

SURFACE CASING

8 5/8",K-55,24#
Six joints @ 241'
Landed @ 253' KB
Cemented w/52 sx Poz & 158 sx Class-G
Cemented to surface.
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2",J-55,15.5#
144 jnts @ 6038'
Landed @ 6052' KB
DV Tool @ 2992' KB
Cement Data:
1ST Stage-75 sx Hifill w/
330 Thicotropic,Open DV Tool.
2ND Stage-100 sx Hifill w/
70 sx Class-G,Close DV Tool.
Cement Top @ 2932' from CBL.
Hole Size @ 7 7/8"

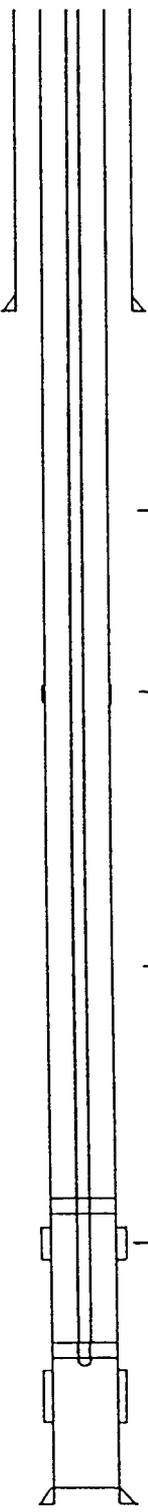
TUBING & PACKERS

2 3/8",J-55,4.7#
Landed @ 5215' KB

Retrievable Csg Tension Packer
Landed @ 5219' KB

Tandem Tension Packer Landed @ 5030' KB
to isolate the upper perms which are
not proposed for water injection.

Due to the single zone injection the
flowrate will be controlled at surface
with an adjustable ckoke valve.



- Uintah Formation Surface to 1400 ft.

- DV Tool @ 2992' KB

- Green River Formation 1400 to 4100 ft.

PERFORATION RECORD

5050'- 5056' (6') 4 SPF
5235'- 5256' (21') 4 SPF
108 Holes

The perms @ 5050'- 5056' are not
proposed for water injection &
will be isolated from the waterflood.

- Douglas Creek Member 4100 to 5350 ft.
- Wasatch Fm. Transition 5350 to 6000 ft.

PBTB @ 5913' KB

TD @ 6054' KB

Wasatch Formation 6000 ft.

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Balcron Oil

Well: Injection Well 31-6

Location: Sec 6 T.9 S. R.17 E., Duchesne County

Ownership Issues: The proposed well is located in the Jonah waterflood project which has been contracted to one federal lease. Balcron owns all mineral interests within the project. The BLM is the surface manager of all lands within the project area. An affidavit was submitted at the time the unit was formed stating that all owners had been notified.

Well Integrity: The proposed well has an 8 5/8' surface casing set at 253 feet and is cemented to surface. A 5 1/2' production casing is set at 6054 feet and has a cement top at 2952 feet and was verified by a cement bond log. A 2 3/8' tubing will be set in a packer at 5219 feet. The injection interval is from 5235-5256 feet in the Green River Formation. There are 4 producing wells and 4 injection wells in the area of review. All wells in the area of review have adequate casing and cement to protect any usdw's. No remedial action is needed on any of the wells in the area of review.

Ground Water Protection: The base of moderately saline water is at a depth of 200-300 feet in the area of the project. Any shallow fresh water zones should be adequately protected with the existing construction of the proposed well. The fracture gradient in the well is .861 psig/ft., a maximum surface pressure of 2000 psi will be authorized for injection operations.

Oil/Gas & Other Mineral Resources Protection: The proposed well is located in an approved Federal waterflood unit. Approvals for secondary recovery operations were granted by the Board of Oil Gas and Mining and by the BLM. It was determined at the hearing that correlative rights will be protected.

Bonding: This is a federal lease and all bonds are held by the BLM.

Actions Taken and Further Approvals Needed: This well was permitted by the USEPA under an area permit. The well was converted and began injection prior to obtaining State approval. The operator was notified on 10/10/93 that a permit was required by the Division. Additional information needed to review the application was received on 11/15/93. A public notice was sent to both the Salt Lake Tribune and the Uinta Basin Standard. It is recommended that the well be approved if no objections are received within the 15 day notice period.

Djannis 11/7/93



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

November 12, 1993



NOV 15 1993

DIVISION OF
OIL, GAS & MINING

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

RE: Allen Federal #31-6
NW NE Section 6, T9S, R17E
Duchesne County, Utah

Enclosed is our Application for Injection Well (UIC Form 1) for the referenced well.

We are in the process of sending a copy of this application to all operators, owners, and surface owners within a one-half mile radius and an Affidavit certifying that will be sent to you shortly.

If you have questions or need additional information, please give me a call.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure



NOV 15 1993

APPLICATION FOR INJECTION WELL - UIC FORM 1

DIVISION OF
OIL, GAS & MINING

OPERATOR Equitable Resources Energy Company, Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104

Well name and number: Allen Federal #31-6
Field or Unit name: Monument Butte Lease no. U-020252-A
Well location: QQ NW NE section 6 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: 9/17/93
API number: 43-013-31195

Proposed injection interval: from 5050' to 5056' KB
5235' to 5256' KB
Proposed maximum injection: rate 250 pressure 2000 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: Map of Area of Review, well report, wellbore diagrams, source water analysis, fracture data, geologic data.

I certify that this report is true and complete to the best of my knowledge.
Bobbie Schuman
Name Coordinator of Environmental Signature Bobbie Schuman
Title and Regulatory Affairs Date November 12, 1993
Phone No. (406) 259-7860

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

EXHIBIT #

DESCRIPTION

- | | |
|---|---|
| 1 | Area of Review |
| 2 | Well Report, Wellbore Diagram, and Proposed Injection Well Completion Diagram |
| 3 | Source water analysis |
| 4 | Fracture Pressure Data (Also see Exhibit 5 item G 6) |
| 5 | Geologic Data on Injection and Confining Zones |
| 6 | Average and maximum injection rates (H. Operating Data) |

ADDITIONAL REQUESTED INFORMATION

The formation to be injected into is the Green River formation, an oil-bearing formation.

The water source is from the Johnson Water District in Roosevelt, Utah.

Approximately 160 BWPD will be injected.

All wells within the Area of Review are cased and cemented and have been shown to be in good mechanical condition.

An Affidavit certifying that a copy of this application has been provided to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well will be sent shortly.

All logs for this well should be on file at the Utah Division of Oil, Gas and Mining. In addition, copies of logs were included in the EPA permit.

11/12/93
/rs

Allen Federal #31-6
NW NE Sec. 6,T9S,R17E
Lease No. U-020252A
MONUMENT BUTTE FIELD
DUCHESNE CO., UTAH

Proposed Injection Well Completion Diagram

BALCRON OIL
EXHIBIT 2 7-20-92
Page 3 of 3

SURFACE CASING

8 5/8",K-55,24#
Six joints @ 241'
Landed @ 253' KB
Cemented w/52 sx Poz & 158 sx Class-G
Cemented to surface.
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2",J-55,15.5#
144 jnts @ 6038'
Landed @ 6052' KB
DV Tool @ 2992' KB
Cement Data:
1ST Stage-75 sx Hifill w/
330 Thicotropic,Open DV Tool.
2ND Stage-100 sx Hifill w/
70 sx Class-G,Close DV Tool.
Cement Top @ 2932' from CBL.
Hole Size @ 7 7/8"

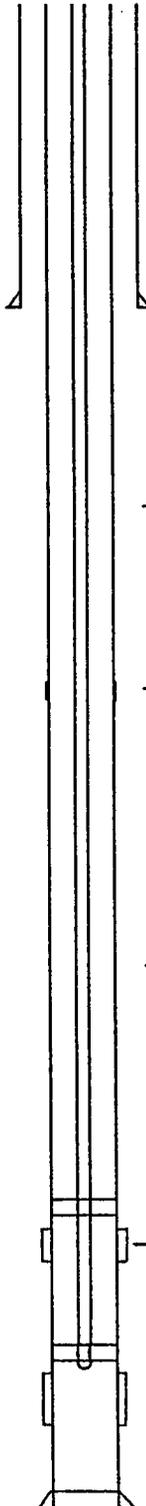
TUBING & PACKERS

2 3/8",J-55,4.7#
Landed @ 5215' KB

Retrievable Csg Tension Packer
Landed @ 5219' KB

Tandem Tension Packer Landed @ 5030' KB
to isolate the upper perms which are
not proposed for water injection.

Due to the single zone injection the
flowrate will be controlled at surface
with an adjustable ckoke valve.



- Uintah Formation Surface to 1400 ft.

- DV Tool @ 2992' KB

- Green River Formation 1400 to 4100 ft.

PERFORATION RECORD

5050'- 5056' (6') 4 SPF
5235'- 5256' (21') 4 SPF
108 Holes

The perms @ 5050'- 5056' are not
proposed for water injection &
will be isolated from the waterflood.

- Douglas Creek Member 4100 to 5350 ft.
- Wasatch Fm. Transition 5350 to 6000 ft.

PBTD @ 5913' KB

TD @ 6054' KB

Wasatch Formation 6000 ft.

WELL NAME: Allen Federal #31-6
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-020252A API NO.: 43-013-31195
 LOCATION: NW NE Sec. 6,T9S,R17E
 COUNTY/STATE: Duchesne, UT
 WORKING INTEREST: 1.00 NET REVENUE INT.: 0.825
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/9/87 SPUD DATE: 9/28/87
 INITIAL PRODUCTION: 52 STBOPD,50 MSCFPD,7 STBWP OIL GRAVITY: 33.1 API
 OIL/GAS PURCHASER: Amoco/Grand Valley BHT: 134 Deg.F
 PRESENT PROD STATUS: 3 STBOPD, 20 MSCFGPD, 0 WTR DATE: 7/20/92
 ELEVATIONS - GROUND: 5295' KB: 5309' (14'KB)
 TOTAL DEPTH: 6054' KB PLUG BACK TD: 5913' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: K-55,LT&C
 WEIGHT: 24 lbs.
 LENGTH: 241'
 DEPTH LANDED: 253' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 52 sx Poz & 158 sx Class-G
 Cemented to surface

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8"/J-55/4.7#
 NO. OF JOINTS: 166 LENGTH: 5225'
 TUBING LANDED AT: 5239' KB
 TUBING ANCHOR: None
 SEATING NIPPLE: 2"x 1.10"
 PERF. SUB: 2 3/8"x 3"
 MUD ANCHOR: 2 3/8"x 32' w/pinned
 & notched collar.
 PACKER:

SUCKER ROD RECORD

14 HBS 3/4"x25' Rods
 194 Plain 3/4"x25' Rods
 1 1/2 x 22' Polish Rods
 1-3/4"x 2' Pony

PUMP SIZE: 2"x 1 1/4"x 10'x 13' RHAC
 STROKE LENGTH: 58"
 PUMP SPEED, SPM: 6
 PUMPING UNIT SIZE: Lufkin Mark Two
 PRIME MOVER: Ajax 7 1/4"x 8"

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: K-55,LT&C
 WEIGHT: 15.5 lbs.
 LENGTH: 6038'
 DEPTH LANDED: 6052' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 1ST Stage-75 sx Hifill w/
 330 Thicotropic,Open DV Tool.
 2ND Stage-100 sx Hifill w/
 70 sx Class-G,Close DV Tool.
 CEMENT TOP AT: 2932' from CBL
 Note: DV Tool @ 2992' KB.

PERFORATION RECORD

5050'- 5056' (6') 4 SPF
 5235'- 5256' (21') 4 SPF
 108 Holes

FRAC JOB

5050'- 5056',Frac w/ Halliburton on 11-27-87.
 36,550 gal LGC-4 Gel w/56,740 lbs 16-30 mesh
 sand,1 to 5 lbs/gal @ 22.5 BPM,Max. 6000 psig,
 Avg. 3400 psig,ISIP @ 2100 psig,5 min @ 1880,
 10 min @ 1830,15 min @ 1810.Screened out on
 5 lbs/gal stage.

5235'- 5256',Frac w/ Halliburton on 11-23-87.
 38,500 gal LGC-4 Gel w/86,500 lbs 16-30 mesh
 sand,1 to 5 lbs/gal @ 25.0 BPM,Max. 5500 psig,
 Avg. 3500 psig,ISIP @ 2100 psig,5 min @ 1890,
 10 min @ 1850,15 min @ 1820.

LOGS: Acoustic Cement Bond, Compensated Neutron-Litho Density, Dual Laterolog Micro-SFL,
 Electromagnetic Propagation

SURFACE CASING

8 5/8", K-55, 24#
Six joints @ 241'
Landed @ 253' KB
Cemented w/52 sx Poz & 158 sx Class-G
Cemented to surface.
Hole Size @ 12 1/4"

PRODUCTION CASING

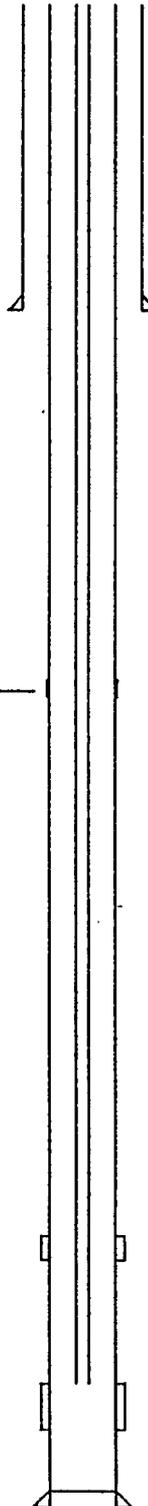
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70 sx Class-G, Close DV Tool.
Cement Top @ 2932' from CBL.
Hole Size @ 7 7/8"

TUBING

2 3/8", J-55, 4.7#
166 jnts @ 5225'
Landed @ 5239' KB
S.N @ 1.10"
Perf Sub @ 3.0'
Mud Anchor @ 32'

SUCKER ROD

14 HBS 3/4"x25' Rods
194 Plain 3/4"x25' Rods
1 1/2 x 22' Polish Rods
1-3/4"x 2" Pony
PUMP SIZE: 2"x 1 1/4"x 10"x 13' RHAC
STROKE LENGTH: 58"
PUMP SPEED, SPM: 6
PUMPING UNIT SIZE: Lufkin Mark Two
PRIME MOVER: Ajax 7 1/4"x 8"



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Avg. 3400 psig, ISIP @ 2100 psig, 5 min @ 1880,
10 min @ 1830, 15 min @ 1810. Screened out on
5 lbs/gal stage.

5235'- 5256', Frac w/ Halliburton on 11-23-87.
38,500 gal LGC-4 Gel w/86,500 lbs 16-30 mesh
sand, 1 to 5 lbs/gal @ 25.0 BPM, Max. 5500 psig,
Avg. 3500 psig, ISIP @ 2100 psig, 5 min @ 1890,
10 min @ 1850, 15 min @ 1820.

PERFORATION RECORD

5050'- 5056' (6') 4 SPF
5235'- 5256' (21') 4 SPF
108 Holes

PBTD @ 5913' KB

TD @ 6054' KB



2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

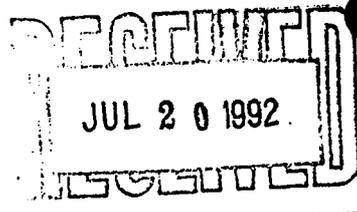


EXHIBIT 3

Telephone (801) 789-4327

EXHIBIT "H"
WATER ANALYSIS REPORT

Report for: John Zelletti
cc for: Steve Hanberg
cc for:
cc for:

NOTE: Sample taken from Lomax Exploration Company's Monument Butte Water flood supply pipeline located in Section 5, T8S, R10E, Duchesne County, Utah.

Company: Balcron Oil
Address: Billings Montana
Service Engineer: Mike Angus
Date Sampled: 7-14-92
Date Reported: 7-15-92
Location: Source Water
County:
State: -

Submitted by: Mike Angus
Other Info: - Source water from the Johnson Water Association. This water comes from the starvation reservoir located west of the town of Duchesne, Utah.

Chemical Component	mg per liter	meq per liter
Chloride (Cl) =	600.	16.9
Iron (Fe) =	1.0	
Total Hardness (CaCO3) =	200.	
Calcium (Ca) =	48.	2.4
Magnesium (Mg) =	19.	1.6
Bicarbonate (HCO3) =	268.	4.4
Carbonate (CO3) =	0.	0.0
Sulfate (SO4) =	91.	1.9
Hydrogen Sulfide (H2S) =	1	
Barium (Ba) =	Not Determined	
Sodium (Na) (calc.) =	442.	19.2
Specific Gravity =	1.005	
Density (lb/gal) =	8.37	
pH (by meter) =	8.3	
Dissolved CO2 (mg/l) =	18.	

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

Scaling Index at 68 degrees F = +0.66
Scaling Index at 86 degrees F = +0.95
Scaling Index at 122 degrees F = +1.34
Scaling Index at 158 degrees F = +1.61

Total dissolved solids (calculated) = 1469. mg per liter

Reported by William Curry Lab Technician
William Curry

Exhibit - J
Monument Butte Area-A Waterflood
Fracture Pressure Data

EXHIBIT 4

Well Name	Average Rate (BPM)	Average Pressure (PSIG)	Maximum Pressure (PSIG)	Initial Shut In Pressure (PSIG)	Average Depth (FEET)	Fracture Gradient (PSIG/FT)
ALLEN FEDERAL #12-6	20.0	1800	2200	1800	4314	0.86
	20.0	1950	2150	1950	4841	0.84
	20.0	1800	2700	2070	5290	0.83
	15.0	1700	2400	1930	5670	0.78
ALLEN FEDERAL #21-6	15.8	2100	2600	2200	5201	0.86
	31.0	2100	2300	2100	5338	0.83
ALLEN FEDERAL #23-6	20.0	1800	1875	1800	4800	0.81
	20.0	2000	2050	2000	4899	0.85
	20.0	1975	2200	1950	5252	0.81
ALLEN FEDERAL #32-6	55.0	2200	2950	2010	4268	0.91
	34.0	2400	2600	2000	5083	0.83
ALLEN FEDERAL #34-6	30.0	2000	2180	1960	4702	0.86
	31.2	1900	2150	1710	4874	0.79
	35.0	2400	2580	2190	5196	0.86
ALLEN FEDERAL #41-6	32.0	2100	2630	2400	4300	0.99
	25.0	2000	2600	2000	4757	0.86
	25.0	1600	2000	1700	4925	0.78
	18.0	3700	4400	1850	5065	0.80
	17.0	2000	4000	4000	5248	1.20
ALLEN FEDERAL #43-6	30.0	3000	3100	1950	4704	0.85
	15.0	2000	2500	2050	4832	0.86
	31.0	2200	2500	1900	5173	0.81
ALLEN FEDERAL #12-5	20.0	1850	2050	1800	4177	0.87
	25.0	1800	2400	1850	4852	0.82
	10.0	4600	6000	3400	5014	1.12
	20.2	1950	2250	1960	5153	0.82
ALLEN FEDERAL #21-5	15.0	1900	2400	2100	4203	0.94
	15.0	1700	2300	2100	4817	0.87
	15.0	1900	2300	2300	5083	0.89
	15.0	1500	2050	1900	5250	0.80
	18.5	2300	3700	2900	5918	0.93
MONUMENT BUTTE #1-43	35.0	2040	2240	2010	5066	0.78
	25.0	1850	2800	2200	4756	0.90
ALLEN FEDERAL #13-6	21.5	2400	2840	2280	5060	0.89
	30.0	1960	2870	1750	4917	0.79
ALLEN FEDERAL #22-6	28.0	2600	3040	2450	5195	0.91
	21.0	2350	2540	2000	5273	0.82
	22.5	3400	6000	2100	5053	0.85
ALLEN FEDERAL #31-6	25.0	3500	5500	2100	5245	0.84
	56.0	3400	?	1700	4657	0.80
ALLEN FEDERAL #1A-5	56.5	3850	?	1650	4726	0.79

Note: Fracture Gradient = (ISIP + 0.43836 psig/ft * Depth) / Depth
The hydrostatic head is calculated using 2% KCl water which was used as the displacing fluid after the frac.

Average Fracture Gradient = 0.861 psig/ft.

- D) MAPS AND CROSS SECTIONS OF USDW.
-Does not apply to Class Two injection wells.

E) NAME AND DEPTH OF USDW.

1) There are no underground sources of drinking water or water wells in the area of review. No fresh water sources will be affected by these water injection operations. The top of the saline water bearing horizon in this area is 4800 feet to 5000 feet mean sea level which falls in the Uintah Formation. This information was provided by Gil Hunt with the Division of Oil, Gas, & Mining, State of Utah. The average MSL elevation for the area of review is 5300 feet. This puts the top of the saline water horizon at 300 feet to 500 feet in depth. There are no fresh water bearing zones in this interval for our area of review.

- F) MAPS AND CROSS SECTIONS OF GEOLOGIC STRUCTURE OF AREA.
-Does not apply to Class Two injection wells.

G) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

1) The flooding objectives of the proposed Monument Butte waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1250 feet of vertical section at an average depth range of 4100 feet to 5350 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 20 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Balcron Oil is requesting approval to inject water into any or all of the occurring sands within this interval.

2) The initial proposed waterflood will inject water into seven of these confined sand stringers through nine proposed injection wells. For specific injection intervals please refer to the perforation intervals of each injection well outlined in Exhibit-C and the welldata sheets and wellbore diagrams provided in Exhibit-B.

2) Estimated Formation Tops:

Uintah Formation	Surface to 1400 ft.
Green River Formation	1400 ft to 4100 ft.
Douglas Creek Member	4100 ft to 5350 ft.
Wasatch Transition	5350 ft to 6000 ft.
Wasatch Formation	6000 ft.

3) The confining zones for the proposed injection interval consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand strings and shale which will act as

isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation.

- 4) The injection interval water quality is an analysis of the produced water from the Allen Federal #23-6. This well is perforated in most of the proposed injection sands and represents an average produced water sample. The analysis shows 14,000 mg/l chloride and 23,360 mg/l TDS. Refer to Exhibit-D for the produced water analysis report.
- 5) The average fracture gradient for the Douglas Creek Member sands is 0.861 psig/ft. This is an average of all the frac gradients calculated from jobs performed in Sec.6, T9S, R17E. Refer to Exhibit-J for frac pressure and gradient data.
- 6) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Allen Federal wells in Section 6. Most frac records show that the frac sand was displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The frac gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth}))/\text{Depth}$$

- 7) Logs for the proposed water injection wells are presented in Exhibit-E.
 - Cement Bond Logs
 - Porosity Logs
 - Correlation Logs
 - 8) The proposed water injection wells were drilled with a rotary rig using a conventional water based mud to an average total depth of 6000 feet. Production casing was run through the productive sands of the Green River Formation and cemented to a point well above the upper most sand. The wells were then perforated and fractured with an average of 90,000 gallons of gel and 160,000 lbs of 20-40 mesh sand. Refer to the welldata sheets presented in Exhibit-B for specific completion details.
- H) OPERATING DATA.
- 1) Average water injection volume of 250 STBWPD.
Maximum water injection volume of 600 STBWPD.
 - 2) Average estimated injection pressure of 1860 psig.

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- H) OPERATING DATA.
- 1) Average water injection volume of 250 STB/WD.
 - Maximum water injection volume of 600 STB/WD.
 - 2) Average estimated injection pressure of 1860 psig.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

November 17, 1993

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

RE: Allen Federal #31-6
NW NE Section 6, T9S, R17E
Duchesne County, Utah

Enclosed is our Affidavit certifying that we have mailed to all operators, owners, and surface owners within one-half mile of the referenced well a copy of the Application for Injection Well (UIC Form 1). I have also included a copy of each letter for your information. The Application was previously filed with you and was waiting on this Affidavit.

If there is anything else that you need in order to approve the Application, please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure

NOV 21 1993

AFFIDAVIT

COUNTY OF YELLOWSTONE)

STATE OF MONTANA)

D. Gary Kabeary, being first duly sworn on oath, deposes and says that on the 17th day of November he did cause to be mailed to all operators, owners and surface owners within one-half mile of the proposed injection well (Allen Federal #31-6) a copy of the State Application for Injection Well (UIC Form 1).

Further affiant saith not.

D. Gary Kabeary
D. Gary Kabeary

Subscribed and sworn to before me on this 17th day of
November, 1993.

My Commission Expires:

11-18-94

Lynda Wilson
Lynda Wilson
Residing in Billings, MT 59105

S E A L



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

Certified Mail P 165 378 612

November 17, 1993

PG&E Resources Corporation
6688 North Central Expressway
Dallas, Texas 75206
Attn: Jerry Anderson, District Landman

RE: Application for Injection Well (UIC Form 1)
Allen Federal #31-6 Well
NWNE Section 6, T9S-R17E
Duchesne County, Utah

Dear Mr. Anderson:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned well.

Attached is a copy of our Application for Injection Well (UIC Form 1). PG&E has an interest in the W2SW of Section 32, T8S-R17E. Please allow this to serve as notification of our intentions to use the Allen Federal #31-6 well as an injection well.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence File
Allen Federal #31-6 well file



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

Certified Mail P 165 378 613

November 17, 1993

Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202
Attn: David Dix

RE: Application for Injection Well (UIC Form 1)
Allen Federal #31-6 Well
NWNE Section 6, T9S-R17E
Duchesne County, Utah

Dear Mr. Dix:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned well.

Attached is a copy of our Application for Injection Well (UIC Form 1). Chorney Oil Company has an interest in the W2SW of Section 32, T8S-R17E. Please allow this notice to serve as notification of our intentions to use the Allen Federal #31-6 well as an injection well.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabearny, CPL/ESA
Senior Landman

attachment

cc: BOBBIE SCHUMAN
JONAH UNIT CORRESPONDENCE FILE
ALLEN FEDERAL #31-6 WELL FILE



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

Certified Mail - P 165 378 611

November 17, 1993

Wildrose Resources Corp.
4949 South Albion St.
Littleton, Colorado 80121
Attn: Kary Kaltenbacher

RE: Application for Injection Well (UIC Form 1)
Allen Federal #31-6 Well
NWNE Section 6, T9S-R17E
Duchesne County, Utah

Dear Kary:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned well.

Attached is a copy of our Application for Injection Well (UIC Form 1). The SESE of Section 31 is operated by Wildrose Resources Corp. Please allow this application to serve as notification of our intentions to use the Allen Federal #31-6 well as an injection well.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence File
Allen Federal # 31-6 well file



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

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

CERTIFIED MAIL - P165 378 610

November 17, 1993

Bureau of Land Management
P. O. Box 45155
Salt Lake City, UT 84111-2303

RE: Application for Injection Well (UIC Form 1)
Allen Federal #31-6 Well
NWNE Section 6, T9S, R17E
Duchesne County, Utah

Gentlemen:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned well.

Attached is a copy of our Application for Injection Well (UIC Form 1). The SW, N2SE, SWSE of Section 31 is owned by the BLM. Please allow this to serve as notification of our intentions to use the Allen Federal #31-6 well as an injection well.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence File
Allen Federal #31-6 well file

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

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF EQUITABLE RESOURCES ENERGY	:	
COMPANY FOR ADMINISTRATIVE	:	CAUSE NO. UIC-142
APPROVAL OF THE ALLEN FEDERAL 31-6	:	
WELL LOCATED IN SECTION 6, TOWNSHIP	:	
9 SOUTH, RANGE 17 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, AS A	:	
CLASS II INJECTION WELL	:	

---ooOoo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company for administrative approval of the Allen Federal 31-6 Well, located in Section 6, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 5050 feet to 5256 feet (Green River Formation) will be selectively perforated for water injection. The maximum requested injection pressure is 2000 psig and the estimated volume will be 250 barrels of water per day.

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 of the date of 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 15th day of December, 1993.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director, Oil and Gas

**Equitable Resources Energy Company
Allen Federal 31-6 Well
Cause No. UIC-142**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

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

Tom Pike
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466



Lisa D. Clement
Administrative Secretary
December 15, 1993



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)

December 15, 1993

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause Nos. UIC-140, UIC-142, and UIC-143

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





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)

December 15, 1993

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause Nos. UIC-140 and UIC-142

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



NOTICE
OF
AGENCY
ACTION

AFFIDAVIT OF PUBLICATION

CAUSE NO. UIC-142
IN THE MATTER OF
THE APPLICATION OF
EQUITABLE RE-
SOURCE ENERGY
COMPANY FOR AD-
MINISTRATIVE AP-
PROVAL OF THE
ALLEN FEDERAL 31-6
WELL LOCATED IN
SECTION 6, TOWN-
SHIP 9 SOUTH, RANGE
17 EAST, S.L.M.,
DUCHESNE COUNTY,
UTAH, AS A CLASS II
INJECTION WELL

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED IN
THE ABOVE EN-
TITLED MATTER.

Notice is hereby given
that the Division is com-
mencing an informal ad-
judicative proceeding to
consider the application
of Equitable Resources
Energy Company for ad-
ministrative approval of
the Allen Federal 31-6
Well, located in Section
6, Township 9 South,
Range 17 East, Duchesne
County, Utah, for con-
version to a Class II in-
jection well. The proceed-
ing will be conducted in
accordance with Utah
Admin. R.649-10, Ad-
ministrative Procedures.

The interval from
5050 feet to 5256 feet
(Green River Formation)
will be selectively perfo-
rated for water injection.
The maximum requested
injection pressure is 2000
psig and the estimated
volume will be 250 bar-
rels of water per day.

Any person desiring
to object to the applica-
tion or otherwise inter-
vene in the proceeding,
must file a written pro-
test or notice of interven-
tion with the Division
within fifteen days of the
date of 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 inter-
ests.

DATED this 15th day
of December, 1993
Published in the Uintah
Basin Standard Decem-
ber 21, 1993

County of Duchesne,

STATE OF UTAH

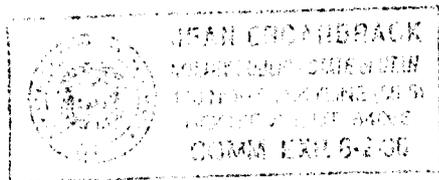
I, Craig L. Ashby on oath, say that I am the
PUBLISHER of the Uintah Basin Standard, a weekly
newspaper of general circulation, published at
Roosevelt, State and County aforesaid, and that a certain
notice, a true copy of which is hereto attached, was
published in the full issue of such newspaper
for 1 consecutive issues, and that the first
publication was on the 21 day of Dec,
1993, and that the last publication of such notice was
in the issue of such newspaper dated the 21 day
of Dec, 1993.

Subscribed and sworn to before me this

23 day of Dec, 1993

Joan Erickson

Notary Public



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.

U-020252A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

SUBMIT IN TRIPLICATE

IAN 0 3 1994

1. Type of Well

Oil Well Gas Well Other injection well

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division **DIVISION OF OIL & MINING**

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

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

NE NW Section 6, T9S, R17E.
660' FNL, 1980' FEL

8. Well Name and No.

Allen Federal #31-6

9. API Well No.

43-013-31195

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other workover and conversion to injection.
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Work was done on this well in accordance with the attached report. Also attached is a copy of the MIT which was performed on this well. This well was converted to water injection on 9/17/93.

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

Signed Bobbie Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date December 28, 1993

(This space for Federal or State office use)

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

EREC Balcon Oil Division

Jonah Unit
Monument Butte Field

Attachment to Sundry Notice for work completed.

Allen Federal #31-6
NW NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
Jonah Unit

As per verbal approval from Ed Forsman on 9-3-93, the following work was performed:

- 1) MIRU B&B Well Service.
- 2) Set up injection packer to inject into the Green-1 & Green-4 zones.
5 1/2" Arrow Set-1 Pkr @ 5015' KB.
- 3) Test casing & packer to 695 psig for one hour.
- 4) Start water injection on 9-17-93.



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. UTU-020252A
 Company Name: Balcron Oil Date: 9-17-93
 Well Name: Allen Federal #31-6 Permit No. _____
 Field Name: Monument Buttes County: Duchesne
 Well Location: Lot 2 Sec 6 T 9S R 17E
 Well Type: SWD _____ ER 2H _____ Other: _____
 Type of Packer: 5 1/2" Arrow Set One Total Depth: _____
 Packer Set at (depth): 5015' FT
 Surface Casing Size: 8 5/8", K-55, 24" From: 253 K.B. FT to Surface FT
 Casing Size: 5 1/2", J-55, 15.5" From: 6052' K.B. FT to Surf FT
 Tubing Size: 2 3/8", J-55, 4.7" Tubing Pressure during Test: 0 psig
 Time of Day: 1:15 am/pm
 Fluid in Annulus: Champion Chemicals, Cortron-2383 mixed 55 gal to 70 bbl 2% KCL wa1

	Test #1	Test #2
13:15 0 Min:	<u>695</u> psig	_____ psig
5	<u>695</u> psig	_____ psig
10	<u>695</u> psig	_____ psig
15	<u>695</u> psig	_____ psig
20	<u>695</u> psig	_____ psig
25	<u>695</u> psig	_____ psig
30	<u>695</u> psig	_____ psig
35	<u>695</u> psig	_____ psig
40	<u>695</u> psig	_____ psig
45	<u>695</u> psig	_____ psig
50	<u>695</u> psig	_____ psig
55	<u>695</u> psig	_____ psig
60	<u>695</u> psig	_____ psig

Test Conducted by: Allriter Hot Oil Service - Pat Wisner
 Inspected by: Bill Muir - Balcron
 Others Present: Terry Barnes - B.L.M.

Mechanical Integrity Test

Casing or Annulus Pressure Test for Well UT2642-03731

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Implementation Section, 8WM-DW
 999 18th Street, Suite 500, Denver, CO 80202-2466
 This form was printed on 08/26/93.

EPA Witness: _____ Date 9/17/93 Time 1:15 pm

Test conducted by: Bill Muir - Balcron

Others present: Jerry Barnes - B.L.M.

Equitable Energy Resources Company, Billings, MT Op ID EQR02
 ALLEN FEDERAL #31-6 2R UC as of 12/22/92
 MONUMENT BUTTE NWNE 06 09S 17E

Indian? Yes, UINTAH-OURAY Compliance staff: WILLIAMS

Last MIT: *No record** / / *

Time (minutes)	Test #1	Test #2	Test #3
0	<u>695</u> psig	_____ psig	_____ psig
5	<u>695</u>	_____	_____
10	<u>695</u>	_____	_____
15	<u>695</u>	_____	_____
20	<u>695</u>	_____	_____
25	<u>695</u>	_____	_____
30	<u>695</u>	_____	_____
35	<u>695</u>	_____	_____
40	<u>695</u>	_____	_____
45	<u>695</u>	_____	_____
50	<u>695</u>	_____	_____
55	<u>695</u>	_____	_____
60	<u>695</u>	_____	_____
Tubing pressure	<u>0</u> psig	_____ psig	_____ psig

Result(circle) Pass Fail Pass Fail Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments and compliance followup.



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

RECEIVED

JAN 05 1994

DIVISION OF
OIL, GAS & MINING

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

December 29, 1993

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

Gentlemen:

Enclosed are sundry notices reporting work done on the following wells:

Allen Federal #1-6

Balcron Monument Federal #11-6

Allen Federal #13-6

Balcron Monument Federal #24-6

Allen Federal #31-6

Balcron Monument Federal #42-6

Allen Federal #12-6

Allen Federal #23-6

Federal #2-1

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining



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 31, 1994

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59104

Re: Allen Federal #31-6 Well, Section 6, Township 9 South, Range 17 East,
Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed UIC permit and the application submitted by Equitable Resources Energy Company.

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

Sincerely,

B.J. Firth

Associate Director

ldc

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management

W602





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-142

API No.: 43-013-31195

Well Name/Number: Allen Federal #31-6

Operator: Equitable Resources Energy Company

Well Type: Enhanced Recovery (waterflood)

Location: Section 6, Township 9S, Range 17E, County: Duchesne

Approval Date: 1-19-94

PERMIT CONDITIONS

Maximum Allowed Injection Pressure: 2000 psig

Maximum Allowed Injection Rate: 250 barrels per day

Injection Interval: 5,235 to 5,256 feet, Green River Formation

Stipulations of Approval

No specific stipulations.

Approved:



Date 1-31-94

R.J. Firth, Associate Director, Oil and Gas

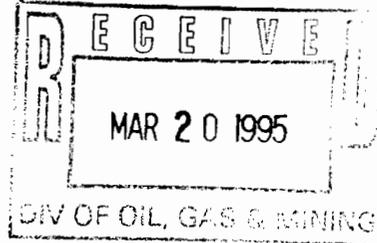


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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



March 16, 1995

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Attached are copies of the injection profile reports for our enhanced recovery wells in the Jonah Unit.

If you have any questions, please call John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

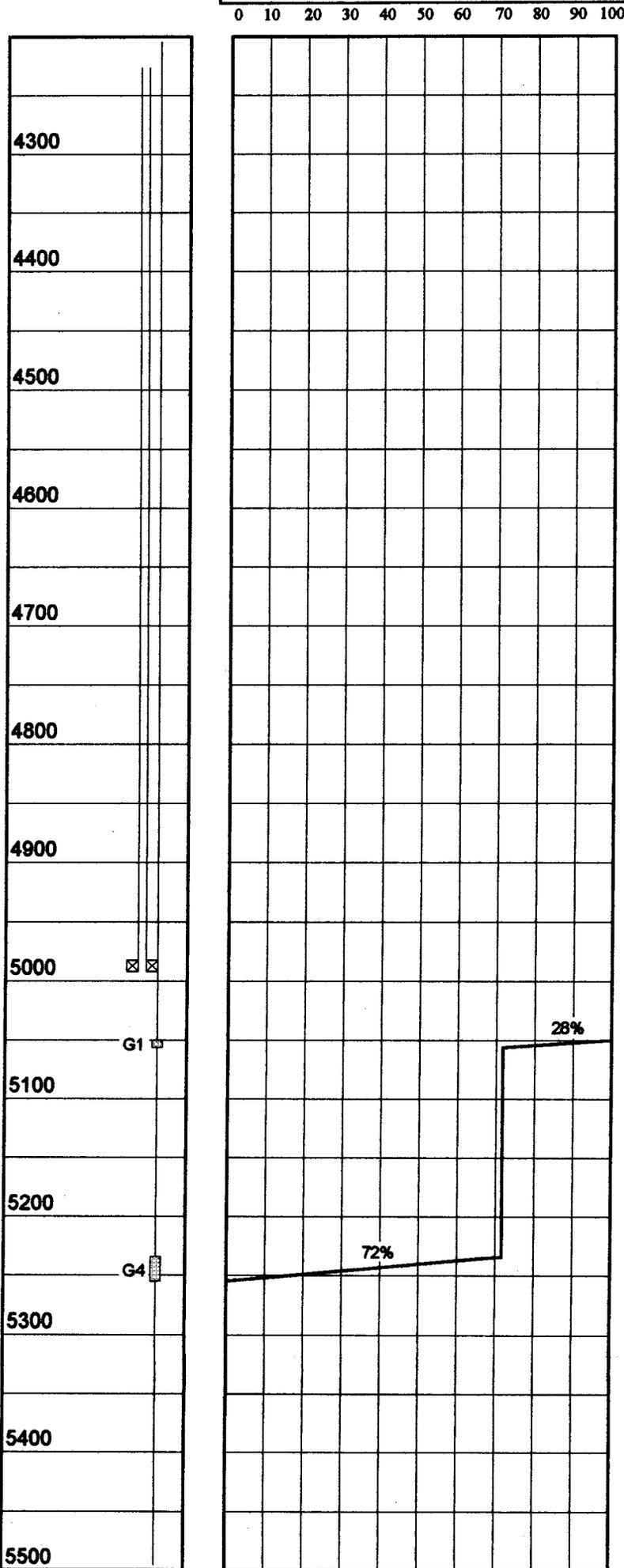
Attachments

EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

INJECTION PROFILE

**ALLEN
FEDERAL 31-6**

Date: 1/4/95	Desired Rate: 150 B/D
Surface Temp: 43 F	Metered Rate: 135 B/D
BHT: 148 F	Measured Rate: 277 B/D
PBTD: 5411	Tbg Pressure: 1950 PSI
TD: 5402	Csg Pressure: 0 PSI



Remarks: R/A Tracer survey indicates exits as shown. Packer checks okay.
 Service Company: Well Information Services, Inc.
 Operator: Bart Williams



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

RECEIVED
APR 4 1996

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

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

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

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Oil Monument Butte Jonah Unit Waterflood (new name)	
Formerly Monument Butte Area-A Waterflood Approved 12/22/92	
Area Permit No. UT2642-00000	
Allen Federal #22-6	UT2642-03729 (AREA PERMIT UT2642-00000)
Allen Federal #13-6	UT2642-03730 (AREA PERMIT UT2642-00000)
Allen Federal #31-6	UT2642-03731 (AREA PERMIT UT2642-00000) (State #UIC-142)
Allen Federal #1-6	UT2642-03732 (AREA PERMIT UT2642-00000)
Allen Federal #1A-5	UT2642-03733 (AREA PERMIT UT2642-00000)
	NOTE: Never converted to UIC - put back on production
Balcron Monument Fed. #11-6	UT2642-03734 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #24-6	UT2642-03735 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #33-6	UT2642-03736 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #42-6	UT2642-03737 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #13-5J	UT2642-04208 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #22-5J	UT2642-04209 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #24-5	UT2642-04210 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #31-7J	UT2642-04211 (AREA PERMIT UT2642-00000) (State #UIC-149)
Monument Butte #1-33	State #UIC-151
Monument Butte #1-24	State #UIC-151
Monument Butte #1-13	State #UIC-151
Balcron Monument Fed. #42-1J	State #UIC-151
Getty #12-1	State #UIC-151
Balcron Monument Fed. #41-15	State #UIC-152
Balcron Monument Fed. #32-15	State #UIC-152
Balcron Monument Fed. #23-15	State #UIC-152
Balcron Monument Fed. #41-14J	State #UIC-152
Balcron Monument Fed. #21-14J	State #UIC-152
Balcron Monument Fed. #32-12J	State #UIC-152
C & O Gov't #4	State #UIC-152
Balcron Monument Fed. #14-12J	State #UIC-152
Balcron Monument Fed. #12-12J	State #UIC-152
Balcron Monument Fed. #43-11J	State #UIC-152
Balcron Monument Fed. #32-11	State #UIC-152



**EQUITABLE RESOURCES
ENERGY COMPANY**

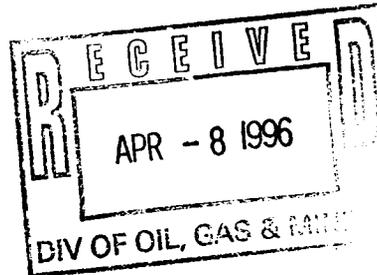
BALCRON OIL DIVISION

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

8. Well Name and Number:

See attached listing

9. API Well Number:

See attached listing

10. Field and Pool, or Wildcat:

See attached listing

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

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

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

4. Location of Well
Footages: See attached listing

County: See attached list

OO, 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.

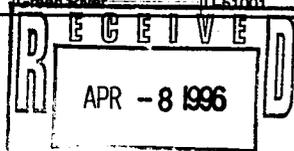
13.
Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

UTAH - ALL

03/27/96														
EQUITABLE REOURCES ENERGY COMPANY, WESTERN REGION-OPERATED WELL LIST														
(CURRENT)														
ST = State														
FED. OR STATE														
WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	STATUS	ZONE	LEASE NO.	API NUMBER	FOOTAGES	BLM OFFI	UNIT OR WELL FILE NO.
A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (SI)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
Allen Federal #1-6	Monument Butte	SE SE	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-15779	660' FSL, 660' FEL	Vernal	Jonah
Allen Federal #12-5	Monument Butte	SW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30611	1980' FNL, 660' FWL	Vernal	Jonah
Allen Federal #12-6	Monument Butte	SW NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30582	1980' FNL, 604' FWL	Vernal	Jonah
Allen Federal #13-6	Monument Butte	NW SW	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-30918	2070' FSL, 578' FWL	Vernal	Jonah
Allen Federal #21-5	Monument Butte	NE NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30612	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #21-6	Monument Butte	NE NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30584	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #22-6	Monument Butte	SE NW	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-30919	2141' FNL, 1902' FWL	Vernal	Jonah
Allen Federal #23-6	Monument Butte	NE SW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30558	1980' FSL, 1980' FWL	Vernal	Jonah
Allen Federal #31-6	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-31195	660' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #32-6	Monument Butte	SW NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30559	1980' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #34-6	Monument Butte	SW SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30586	662' FSL, 2075' FEL	Vernal	Jonah
Allen Federal #41-6	Monument Butte	NE NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30581	661' FNL, 655' FEL	Vernal	Jonah
Allen Federal #43-6	Monument Butte	NE SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30583	1980' FSL, 660' FEL	Vernal	Jonah
Allen Federal A #1	Monument Butte	NW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-15780	660' FNL, 660' FWL	Vernal	Jonah
Amerada Gulnand #1	Coyote Basin	SW NW	7	8S	25E	Uintah	UT	WW	Green River	U-016271-V	43-047-20245	1920' FNL, 550' FWL	Vernal	Coyote Basin
Asp Federal #1	Wildcat	C/SW	12	16S	19W	Millard	UT	PND	Paleozoic	UTU-69960		1320' FSL, 1320' FWL		Richfield
Balcron Alien Fed. #31-6G	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	Gas	Green River	U-020252-A	43-013-31442	708' FNL, 2076' FEL	Vernal	
Balcron Coyote Fed. #12-5	Coyote Basin	SW NW	5	8S	25E	Uintah	UT	OSI	Green River	U-063597-A	43-047-32253	1980' FNL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-5	Coyote Basin	NW SW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32261	1605' FSL, 586' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-7	Coyote Basin	NW SW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32255	1980' FSL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #21-5	Coyote Basin	NE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32260	660' FNL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #22-7	Coyote Basin	SE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32256	1749' FNL, 1601' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #23-5	Coyote Basin	NE SW	5	8S	25E	Uintah	UT	PND	Green River	U-065597A	43-047-32424	2110' FSL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #31-7	Coyote Basin	NW NE	7	8S	25E	Uintah	UT	Oil	Green River	U-020309-D	43-047-32254	561' FNL, 1977' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-5	Coyote Basin	NW SE	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32257	1892' FSL, 2326' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-7	Coyote Basin	NW SE	7	8S	25E	Uintah	UT	PND	Green River	U-61001	43-047-32259	751' FSL, 1922' FEL	Vernal	



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEP 7-SJ
2-D2858-FILE
3-VLD (GIL)
4-RJE
5-JE
6-FILM

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: 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>
	phone <u>(406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	account no. <u>N9890</u>	phone <u>(406) 259-7860</u>
		account no. <u>N9890</u>

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

Name: **SEE ATTACHED**	API: <u>013-31195</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) Seleo 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*
- DTS* 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- WDR* 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

9/6/40 Blm/BIA "Formal approval not necessary"

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-047-32248	1-26B	09S	19E	26	INJG	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31384	22-5	09S	16E	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	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	43-013-31367	41-15J	09S	16E	15	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	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7J	9S	17E	7	INJW	N

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

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

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.:

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 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

RECEIVED
OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED
OCT 13 1997

Well name and number: <u>See Attached</u> **JONAH (GREEN RIVER) UNIT	
Field or Unit name: <u>See Attached</u> API no. <u>See Attached</u>	
Well location: QQ <u>See Attached</u> section <u>See Attached</u> township <u>See Attached</u> range <u>See Attached</u> county <u>See Attached</u>	
Effective Date of Transfer: <u>September 30, 1997</u>	
CURRENT OPERATOR	
Transfer approved by:	
Name <u>David M. McCoskery</u>	Company <u>Equitable Resources Energy Co.</u>
Signature <u>[Signature]</u>	Address <u>1601 Lewis Avenue</u>
Title <u>Director of Operations & Engineering</u>	<u>Billings, MT 59102</u>
Date <u>9-30-97</u>	Phone (<u>406</u>) <u>259-7860</u>
Comments:	
NEW OPERATOR	
Transfer approved by:	
Name <u>Chris A. Potter</u>	Company <u>Inland Production Company</u>
Signature <u>[Signature]</u>	Address <u>475 - 17th Street, Suite 1500</u>
Title <u>CHRIS A. POTTER, ATTORNEY-IN-FACT</u>	<u>Denver, CO 80202</u>
Date <u>9-30-97</u>	Phone (<u>303</u>) <u>292-0900</u>
Comments:	
(State use only)	
Transfer approved by <u>[Signature]</u>	Title <u>Environ. Manager</u>
Approval Date <u>1-20-98</u>	<u>CAUSE # 228-2</u>

OCT 26 1997
DIV OF OIL & MINING



**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

RECEIVED
JAN 14 1998
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO
UT-931

January 13, 1998

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

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 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 Jonah (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 January 13, 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 Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (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 - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

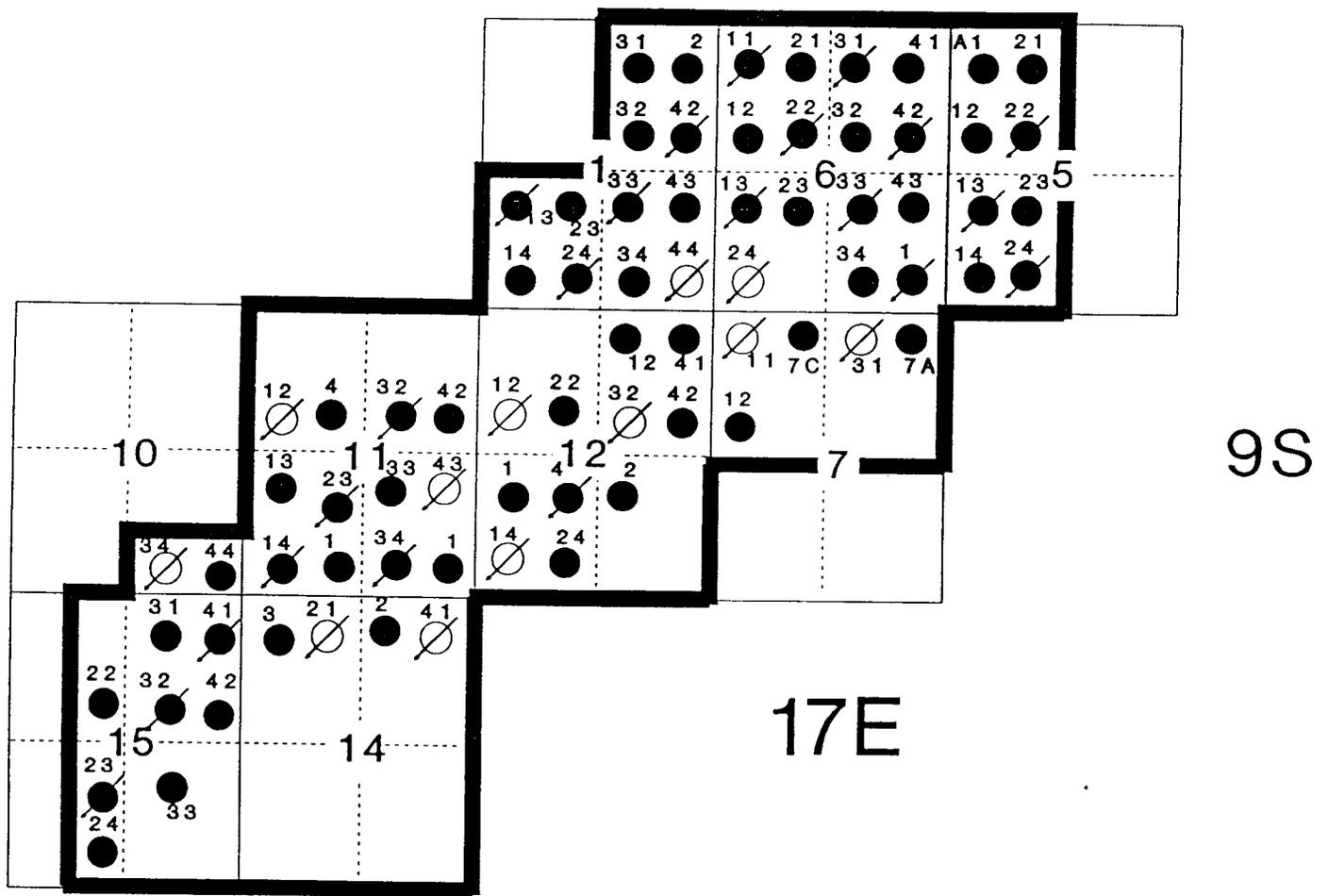
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Routing	
1-IPC ✓	6-VA ✓
2-CH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
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

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

WELL(S) attach additional page if needed: ***JONAH (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-013-31695</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

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
- 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: _____
- lec 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.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Que No Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. **Well file labels** have been updated for each well listed above.
- lec 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. *(1-14-98)*
- lec 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

- J/c 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/J/c 1. (r649-3-1) 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 operator's bond files.
- 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- J/c 1. All attachments to this form have been **microfilmed**. Today's date: 2.3.98.

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

980114 btm/SY Aprv. eff. 1-13-98.

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	43-013-30666	44-7	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31428	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	43-013-31467	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

Injection wells

Injection Wells for Inland Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGREEMENT NO.
✓ AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #22-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
✓ MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
✓ MONUMENT BUTTE #22-5	SENE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
✓ MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #12-11	SWNW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 15 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 10 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
✓ MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ C&O GOVT #4	NESW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ MONUMENT STATE #11-2-9-17CD	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-42685	ML 45555	

11422

11426

11438
11431



43-013-31195

April 30, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Mechanical Integrity Test
Allen Federal #31-6
Sec 6-T9S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, for work performed on the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM

**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 a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

ALLEN FEDERAL 31-6

9. API Well No.

43-013-31195

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well
 Gas Well
 Other
 WIW

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

0660 FNL 1980 FEL NW/NE Section 6, T09S R17E

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other MIT
	<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.)*

A mechanical integrity test was performed on the above referenced well on 3-12-98. Casing was pressured to 1000 psi and held for one hour. John Carsons w/EPA was notified on 3-11-98. Attached is a copy of the chart.

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

Signed *Debbie Knight* Title Manager, Regulatory Compliance Date 4/30/98

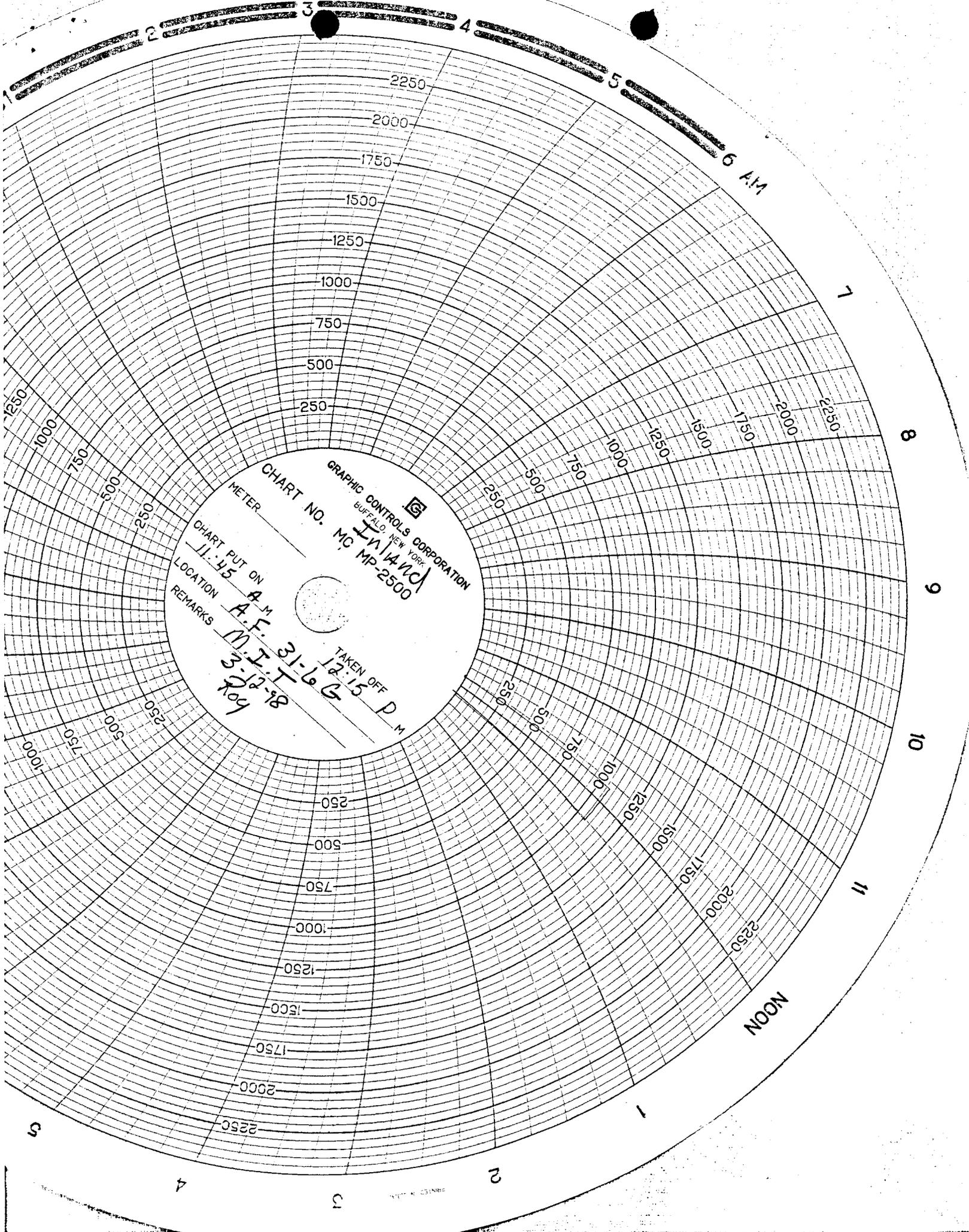
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

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.



GRAPHIC CONTROLS CORPORATION
 BUFFALO, NEW YORK
 CHART NO. MC MP-2500
 METER _____
 CHART PUT ON 11:45 A.M.
 LOCATION A.F. 31-16 G
 REMARKS M.I.T. 8-17-48
 704
 TAKEN OFF 12:15 P.M.

6 AM

NOON

5

4

3

2

1

11

10

9

8

7

5

4

3

2

1

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

5. LEASE DESIGNATION AND SERIAL NO.
U-020252-A

1. **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.)

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

OIL WELL GAS WELL OTHER INJECTION

7. UNIT AGREEMENT NAME

JONAH

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

8. FARM OR LEASE NAME
ALLEN FEDERAL 31-6

3. ADDRESS OF OPERATOR
**Route #3 Box 3630 Myton, Utah 84052
(435) 646-3721**

9. WELL NO.
Federal 31-6

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
NW/NE 0660 FNL 1980 FEL

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/NE Section 6, T09S R17E

14. API NUMBER
43-013-31195

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5295 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UT

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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"/>		(OTHER) <u>Step-Rate Test</u> <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.)*

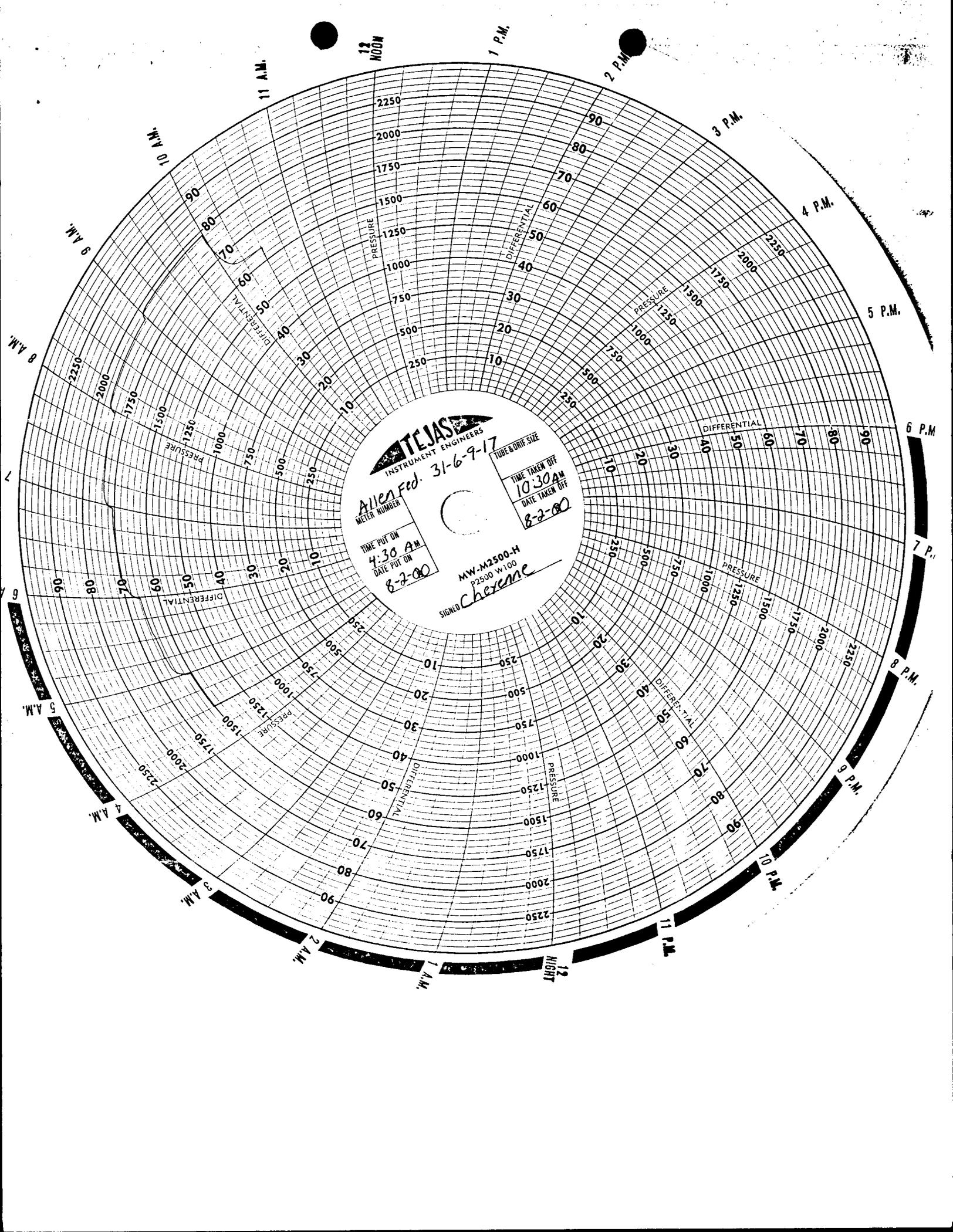
On August 2, 2000 Inland Production Company conducted a Step-Rate Test on the Allen Federal 31-6 injection well in the Jonah Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure from 2200 psi to 1811 psi on this well.

18 I hereby certify that the foregoing is true and correct

SIGNED Brad Mechem TITLE Operations Manager DATE 8/2/00

(This space for Federal or State office use)
APPROVED BY Brad Mechem TITLE _____
CONDITIONS OF APPROVAL, IF ANY:
COPY SENT TO OPERATOR
Date: 8-16-00
Initials: CM
* See Instructions On Reverse Side

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 8/10/00
By: _____



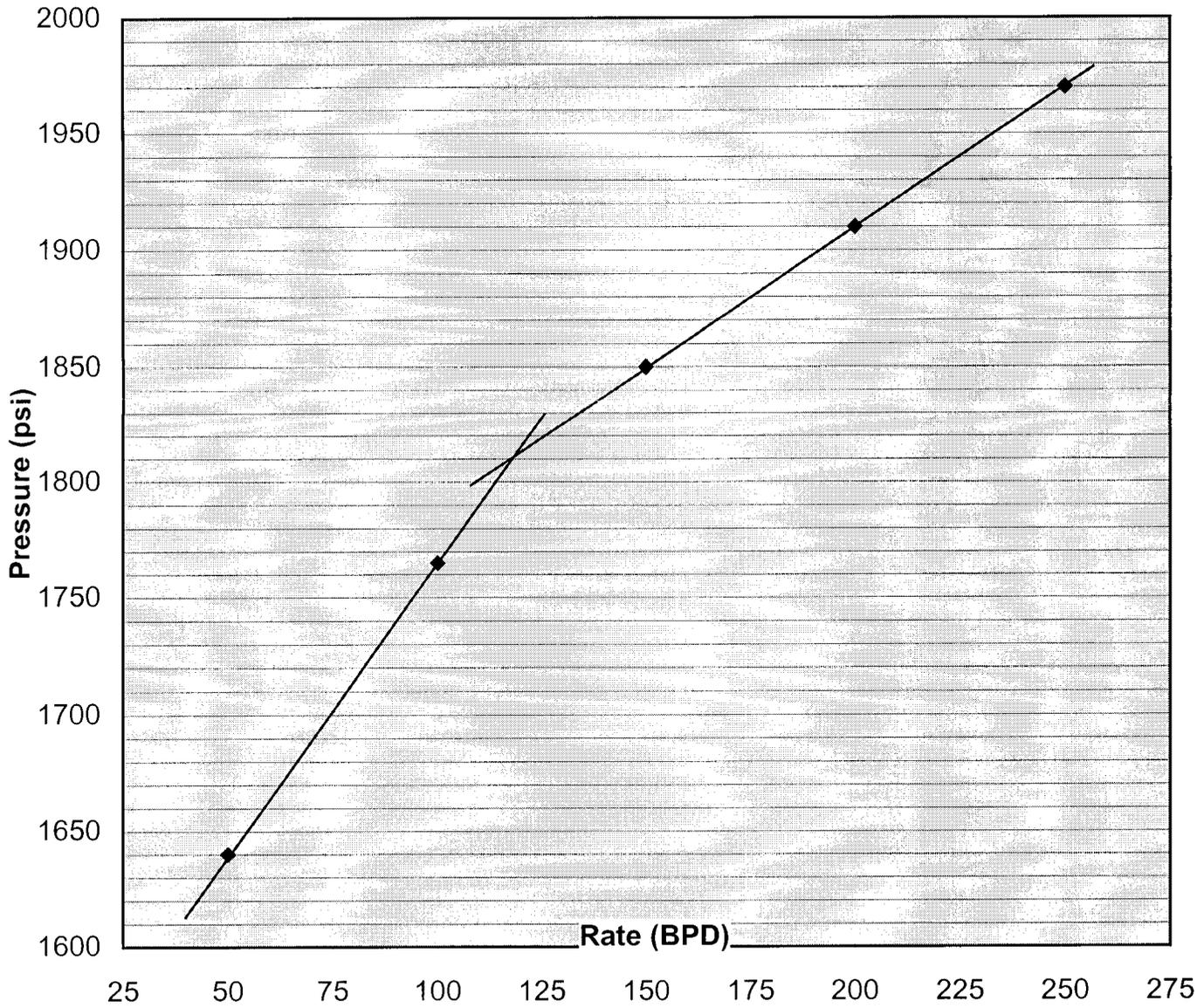
TEJAS
INSTRUMENT ENGINEERS
Allen Fed. 31-6-9-17
METER NUMBER

TIME PUT ON
4:30 A.M.
DATE PUT ON
8-2-00

TUBE & DRIF. SIZE
TIME TAKEN OFF
10:30 A.M.
DATE TAKEN OFF
8-2-00

SIGNED
MW-M2500-H
P2500 W100
Cherene

AF 31-6
(Jonah Unit)
Step Rate Test
August 2, 2000



ISIP: 1900 psi

Fracture pressure: 1811 psi

FG: 0.793

Step	Rate(bpd)	Pressure(psi)
1	50	1640
2	100	1765
3	150	1850
4	200	1910
5	250	1970



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 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

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
QQ, 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. Stewart*
Title: *Tech. Services Manager*

Approval Date: 9-20-04

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**

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No. **Unit:** **JONAH (GREEN RIVER)**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. 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:
UTU020252A

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

JONAH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:

ALLEN FED 31-6

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301331195

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: 0660 FNL 1980 FEL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/NE, 6, T9S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	TYPE OF ACTION	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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/10/2005	<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 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: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

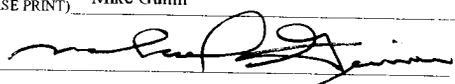
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on June 6, 2005. Results from the test indicate that the fracture gradient is .802 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1850 psi.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Mike Guinn

TITLE Engineer

SIGNATURE 

DATE 06/10/2005

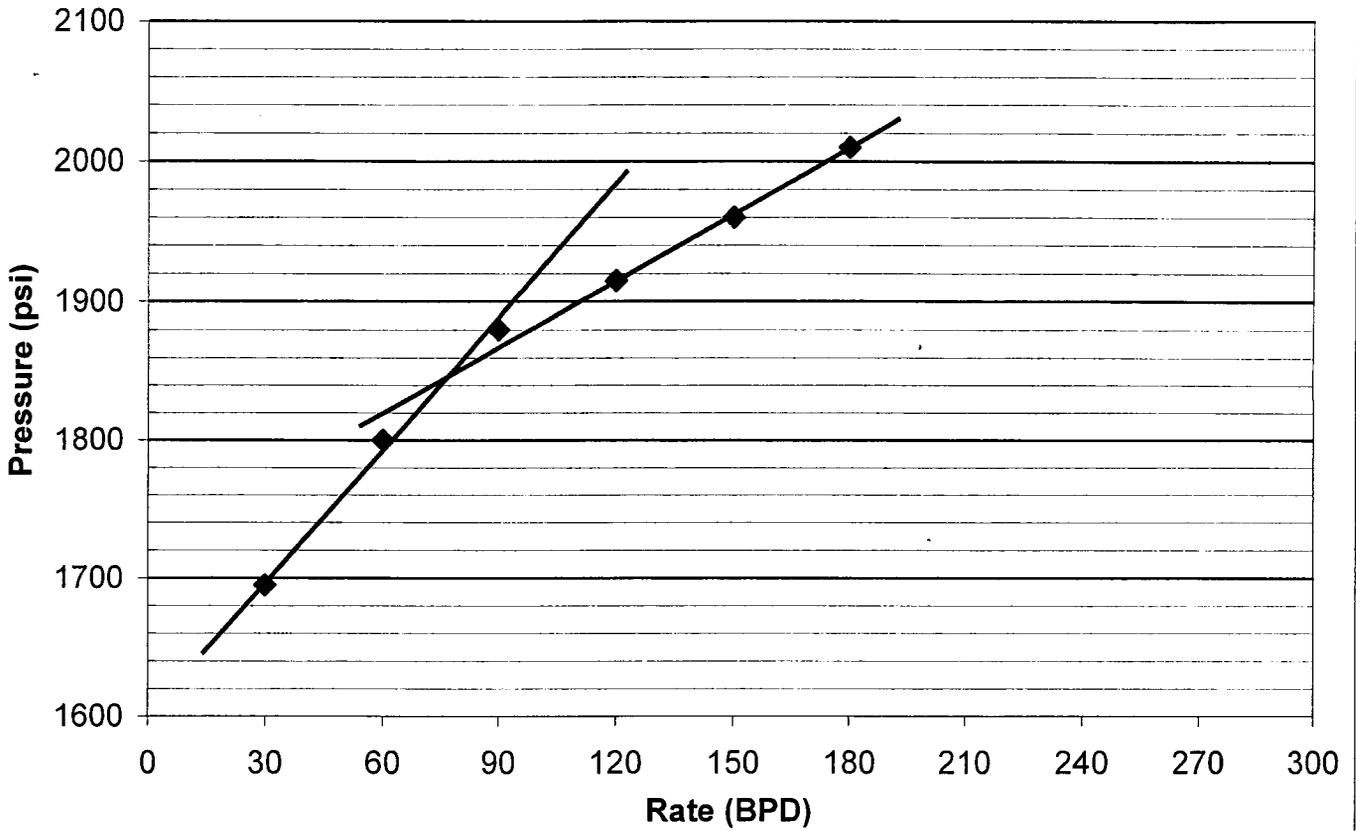
(This space for State use only)

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JUN 1 / 2005

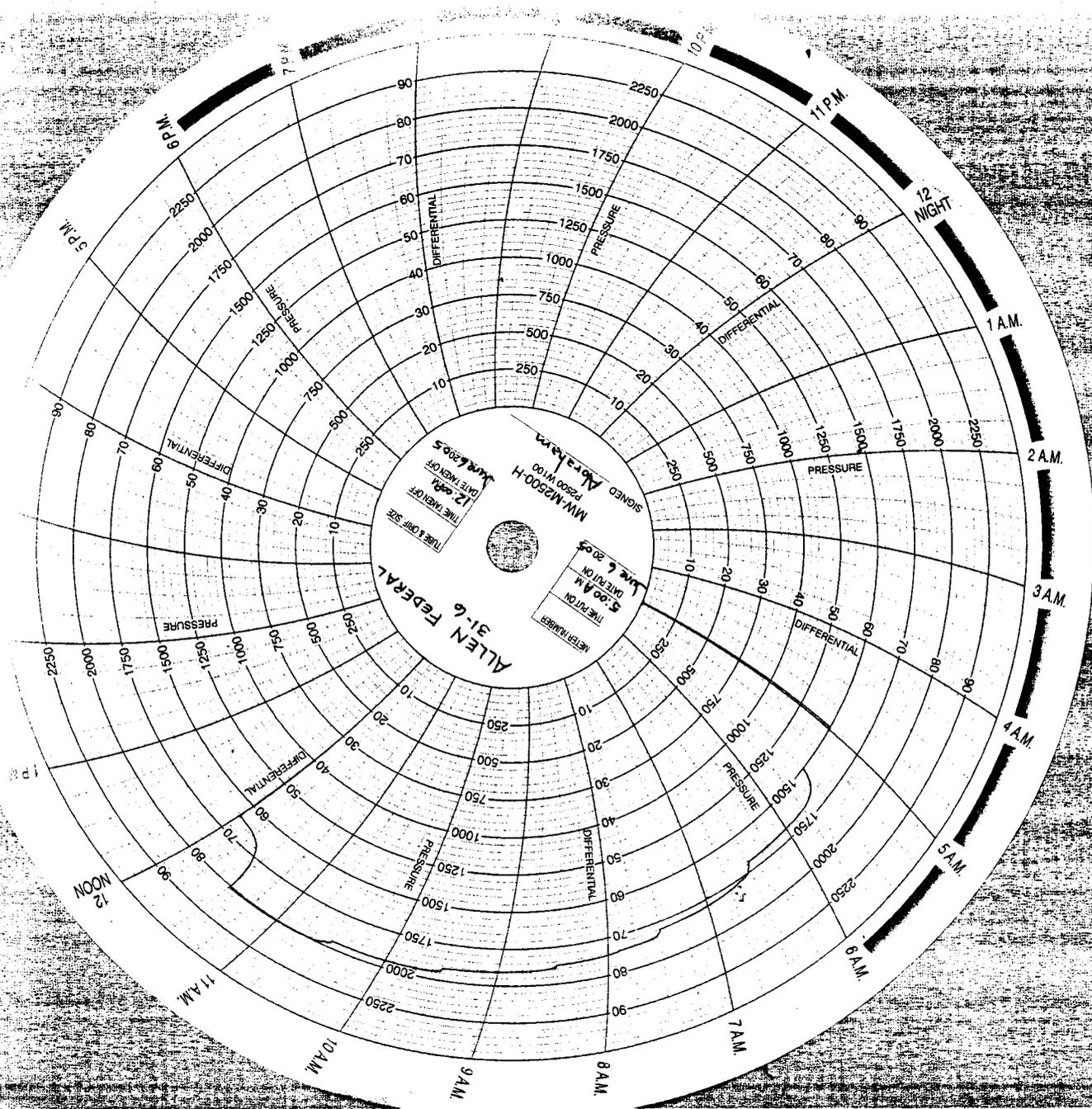
DIV. OF OIL, GAS & MINING

Allen Federal 31-6
Jonah Unit
Step Rate Test
June 6, 2005



Start Pressure: 1500 psi
 Instantaneous Shut In Pressure (ISIP): 1970 psi
 Top Perforation: 5050 feet
 Fracture pressure (Pfp): 1850 psi
 FG: 0.802 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	1695
2	60	1800
3	90	1880
4	120	1915
5	150	1960
6	180	2010



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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

JONAH UNIT

8. WELL NAME and NUMBER:

ALLEN FED 31-6

9. API NUMBER:

4301331195

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

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.

1. TYPE OF WELL:

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 660 FNL 1980 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWN, 6, 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 <hr/> <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/22/2006</u>	<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"/> TEMPORARILY 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 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 11/6/06 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 12/22/06. On 12/22/06 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 tbq pressure was 1800 psig during the test. There was not an EPA representative available to witness the test. EPA# 20642-03731 API# 43-013-31195

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

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DEC 29 2006

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Callie Ross

TITLE Production Clerk

SIGNATURE *Callie Ross*

DATE 12/27/2006

(This space for State use only)

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 22 / 06
 Test conducted by: Trefley J. Raza
 Others present: _____

Well Name: <u>Allen Federal 31-6-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT Butte</u>		
Location: <u>NW/NE</u> Sec: <u>6 T 9 N 17 E</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>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: 0 psig

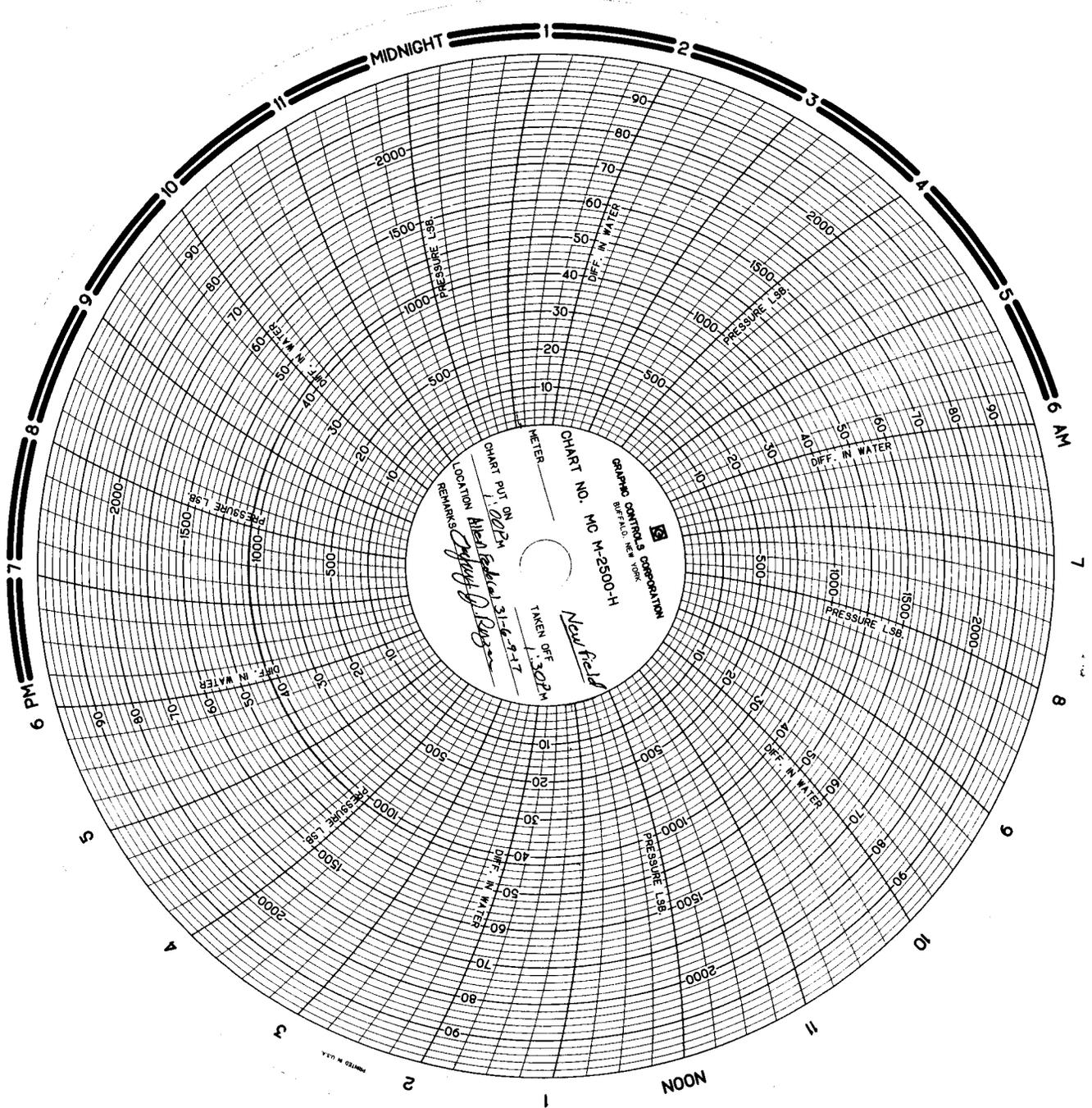
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1800</u> psig	psig	psig
End of test pressure	<u>1800</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1050</u> psig	psig	psig
5 minutes	<u>1050</u> psig	psig	psig
10 minutes	<u>1050</u> psig	psig	psig
15 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
RESULT	<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: _____



MIDNIGHT

6 AM

7

8

9

10

11

NOON

1

2

3

4

5

6 PM

7

8

9

10

2000

1500

1000

500

90

80

70

60

50

40

30

20

10

500

1000

1500

2000

500

1000

1500

2000

500

1000

1500

2000

500

1000

1500

2000

500

1000

1500

2000

CHART NO. MC M-2500-H
 SERIAL NO. CONTROL 5
 OF PAID NEW YORK
 LOCATION *Newfield*
 TAKEN OFF *3:00 PM*
 METER *Newfield*
 OPERATED BY *John J. Ryan*
 CHART P. I. ON *31-6-9-17*
 PERMANENTLY
 MADE IN U.S.A.

MADE IN U.S.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bill Barrett Corporation
CONFIDENTIAL

COPY
FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. **UTU-73670 BHL**

6. If Indian, Allottee or Tribe Name
N/A

7. Unit or CA Agreement Name and No.
Prickly Pear Unit

8. Lease Name and Well No.
Prickly Pear UF 12-27D-12-15

9. AFI Well No.
43-007-31195

10. Field and Pool, or Exploratory
Nine Mile/Wasatch-Mesaverde

11. Sec., T., R., M., on Block and Survey or Area
Sec. 27, T12S-R15E

12. County or Parish
Carbon

13. State
UT

14. Date Spudded
08/09/2006

15. Date T.D. Reached
09/03/2006

16. Date Completed
01/26/2007
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
7285' GL

18. Total Depth: MD **7850'**
TVD **7330'**

19. Plug Back T.D.: MD **7510'**
TVD **6990'3**

20. Depth Bridge Plug Set: MD **N/A**
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/CCL/GR/VDL, Spectral Density Dual Spaced Neutron, BHC Sonic, HRI

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8 J55	36#	Surface	1505'		830 Premium	185 bbls	0'	
7 7/8"	5.5 N-80	17#	Surface	7839'		1405 50/50 Po	405 bbls	1580'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	4902'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	4622'	6862'	7482' - 7509'	0.56"	27	Open
B) Mesaverde	6906'	7509'	7345' - 7355'	0.56"	20	Open
C)			7154' - 7233'	0.56"	26	Open
D)			(continued see attachmnt)			

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7482' - 7509'	Stg 1; 70% CO2 foam frac: 85 tons CO2; 946 bbls total fluid; 62,470# 20/40 White sand
7345' - 7355'	Stg 2; 70% CO2 foam frac: 66 tons CO2; 676 bbls total fluid; 32,700# 20/40 White sand
7154' - 7233'	Stg 3; 70% CO2 foam frac: 131 tons CO2; 732 bbls total fluid; 81,201# 20/40 White sand

(continued see attachment)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/05/2007	02/12/2007	24	→	0	1917	50			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
25/64	729	930	→	0	1917	50		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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MAR 08 2007

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch North Horn Dark Canyon Price River TD	2932' 5109' 6883' 7105' 7850'

32. Additional remarks (include plugging procedure):

Copies of logs already submitted. Weatherford pumpoff bit sub and 4 3/4" Smith tricone bit @ 7708'.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tracey Fallang Title Environmental/Regulatory Analyst

Signature *Tracey Fallang* Date 03/06/2007

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make 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.

26. PERFORATION RECORD (cont.)					27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)							
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS	AMOUNT AND TYPE OF MATERIAL							
7068'	7098'	0.56"	30	Open	Stg 4	70% CO2 foam frac:	96	tons CO2	595	bbls total fluid	60,800#	20/40 White Sand
6906'	6930'	0.56"	30	Open	Stg 5	70% CO2 foam frac:	144	tons CO2	955	bbls total fluid	96,700#	20/40 White Sand
6856'	6862'											
6699'	6743'	0.56"	20	Open	Stg 6	70% CO2 foam frac:	142	tons CO2	805	bbls total fluid	100,800#	20/40 White Sand
6318'	6460'	0.56"	20	Open	Stg 7	70% CO2 foam frac:	85	tons CO2	561	bbls total fluid	51,908#	20/40 White Sand
6109'	6269'	0.56"	20	Open	Stg 8	70% CO2 foam frac:	85	tons CO2	674	bbls total fluid	50,500#	20/40 White Sand
5829'	5996'	0.56"	20	Open	Stg 9	70% CO2 foam frac:	103	tons CO2	625	bbls total fluid	68,500#	20/40 White Sand
5626'	5636'	0.56"	20	Open	Stg 10	70% CO2 foam frac:	75	tons CO2	507	bbls total fluid	47,900#	20/40 White Sand
5208'	5268'	0.56"	16	Open	Stg 11	70% CO2 foam frac:	75	tons CO2	474	bbls total fluid	40,000#	20/40 White Sand
4964'	4972'	0.56"	16	Open	Stg 12	70% CO2 foam frac:	75	tons CO2	564	bbls total fluid	44,200#	20/40 White Sand
4622'	4646'	0.56"	24	Open	Stg 13	70% CO2 foam frac:	85	tons CO2	545	bbls total fluid	76,957#	20/40 White Sand

*Depth intervals for frac information same as perforation record intervals.

Directional Surveys



Well : Prickly Pear Fed. #12-27D-12-15

API # : 43-007-31195

Area : West Tavaputs

Direction of Vertical Section (in degrees) : 269.36

Survey Company : Baker Hughes

Magnetic Dec. Correction : 11.94

Corrected										
Extrap.	Depth (MD)	Angle (deg)	Direction (deg)	TVD	Northings	N/S	Eastings	E/W	Vertical Section	Dog Leg
				0.00	0.00	N	0.00	E	0.00	0.00
	1595.00	0.06	45.00	1595.00	0.59	N	0.59	E	-0.60	0.00
	1659.00	1.13	188.95	1658.99	0.01	S	0.52	E	-0.52	1.84
	1722.00	1.00	273.70	1721.98	0.59	S	0.13	W	0.14	2.28
	1785.00	1.81	265.08	1784.96	0.64	S	1.67	W	1.68	1.33
	1849.00	3.69	272.58	1848.88	0.63	S	4.73	W	4.74	2.98
	1912.00	5.75	277.08	1911.66	0.15	S	9.89	W	9.89	3.32
	1976.00	7.69	278.95	1975.21	0.91	N	17.30	W	17.29	3.05
	2040.00	9.75	275.08	2038.46	2.06	N	26.93	W	26.91	3.34
	2102.00	11.94	271.85	2099.34	2.73	N	38.57	W	38.54	3.66
	2165.00	13.44	270.20	2160.79	2.96	N	52.40	W	52.37	2.45
	2228.00	14.88	269.58	2221.88	2.93	N	67.81	W	67.78	2.30
	2291.00	16.13	269.83	2282.58	2.85	N	84.65	W	84.62	1.99
	2355.00	18.00	270.83	2343.75	2.96	N	103.43	W	103.39	2.96
	2418.00	19.81	271.95	2403.35	3.47	N	123.83	W	123.79	2.93
	2481.00	21.44	273.33	2462.30	4.50	N	146.00	W	145.94	2.70
	2544.00	24.13	273.20	2520.37	5.89	N	170.35	W	170.27	4.27
	2608.00	26.00	271.20	2578.34	6.91	N	197.44	W	197.35	3.21
	2703.00	26.26	268.58	2663.63	6.83	N	239.26	W	239.17	1.24
	2798.00	27.56	268.65	2748.33	5.79	N	282.25	W	282.16	1.37
	2892.00	28.56	269.70	2831.28	5.16	N	326.45	W	326.38	1.19
	2987.00	29.63	270.08	2914.29	5.07	N	372.65	W	372.57	1.14
	3082.00	29.19	269.20	2997.05	4.78	N	419.29	W	419.21	0.65
	3177.00	29.63	269.83	3079.80	4.39	N	465.94	W	465.86	0.57
	3272.00	29.31	269.83	3162.51	4.25	N	512.68	W	512.60	0.34
	3367.00	29.38	271.70	3245.32	4.87	N	559.22	W	559.14	0.97
	3462.00	31.13	272.32	3327.37	6.56	N	607.05	W	606.94	1.87
	3556.00	30.63	272.08	3408.05	8.41	N	655.26	W	655.13	0.55
	3651.00	30.38	271.20	3489.90	9.79	N	703.46	W	703.31	0.54
	3841.00	30.13	269.95	3654.02	10.75	N	799.19	W	799.02	0.36
	3936.00	30.00	269.33	3736.24	10.46	N	846.78	W	846.61	0.35
	4031.00	29.88	268.33	3818.56	9.49	N	894.18	W	894.02	0.54
	4126.00	29.31	268.83	3901.16	8.32	N	941.08	W	940.93	0.65
	4221.00	28.75	271.08	3984.23	8.28	N	987.17	W	987.02	1.29
	4316.00	29.06	271.70	4067.39	9.40	N	1033.08	W	1032.91	0.45
	4411.00	29.06	272.45	4150.43	11.07	N	1079.19	W	1079.00	0.38
	4506.00	28.69	273.83	4233.62	13.58	N	1124.99	W	1124.77	0.80
	4601.00	30.25	273.70	4316.32	16.64	N	1171.62	W	1171.37	1.64
	4696.00	29.50	273.95	4398.70	19.80	N	1218.84	W	1218.54	0.80
	4791.00	29.56	272.95	4481.35	22.62	N	1265.57	W	1265.24	0.52
	4886.00	30.06	272.45	4563.78	24.84	N	1312.75	W	1312.39	0.59
	4981.00	29.50	271.70	4646.24	26.55	N	1359.90	W	1359.52	0.71
	5076.00	29.69	270.83	4728.84	27.58	N	1406.80	W	1406.41	0.49
	5170.00	27.75	270.75	4811.27	28.21	N	1451.96	W	1451.56	2.06
	5265.00	27.75	271.20	4895.34	28.96	N	1496.19	W	1495.77	0.22
	5360.00	27.19	271.95	4979.63	30.16	N	1539.99	W	1539.56	0.69

Directional Surveys



Well : Prickly Pear Fed. #12-27D-12-15

API # : 43-007-31195

Area : West Tavaputs

Direction of Vertical Section (in degrees) : 269.36

Survey Company : Baker Hughes

Magnetic Dec. Correction : 11.94

Extrap.	Depth (MD)	Corrected		TVD	Northings	N/S	Eastings	E/W	Vertical Section	Dog Leg
		Angle (deg)	Direction (deg)							
	5454.00	28.13	272.83	5062.88	31.99	N	1583.59	W	1583.13	1.09
	5613.00	26.38	274.45	5204.21	36.58	N	1656.24	W	1655.73	1.20
	5708.00	26.50	275.45	5289.28	40.23	N	1698.38	W	1697.83	0.49
	5803.00	26.00	276.45	5374.48	44.58	N	1740.17	W	1739.57	0.70
	5898.00	25.44	273.70	5460.07	48.24	N	1781.23	W	1780.58	1.39
	5993.00	25.06	272.33	5545.99	50.37	N	1821.69	W	1821.01	0.73
	6088.00	24.58	272.50	5632.21	52.05	N	1861.53	W	1860.84	0.51
	6183.00	23.56	273.95	5718.95	54.22	N	1900.21	W	1899.49	1.24
	6278.00	22.38	271.70	5806.41	56.07	N	1937.23	W	1936.48	1.55
	6372.00	21.25	271.20	5893.68	56.95	N	1972.15	W	1971.39	1.22
	6467.00	19.69	271.95	5982.67	57.86	N	2005.36	W	2004.59	1.67
	6562.00	18.81	274.08	6072.36	59.49	N	2036.63	W	2035.84	1.18
	6752.00	16.44	272.58	6253.40	62.88	N	2094.04	W	2093.21	1.27
	6752.00	16.44	273.58	6253.40	62.88	N	2094.04	W	2093.21	0.00
	6847.00	15.50	273.83	6344.73	64.57	N	2120.12	W	2119.27	0.99
	6941.00	14.56	272.00	6435.51	65.82	N	2144.46	W	2143.59	1.12
	7036.00	14.13	275.83	6527.55	67.42	N	2167.93	W	2167.05	1.10
	7131.00	13.50	275.70	6619.80	69.69	N	2190.50	W	2189.59	0.66
	7226.00	10.75	274.70	6712.65	71.52	N	2210.37	W	2209.43	2.90
	7321.00	10.06	273.95	6806.09	72.82	N	2227.47	W	2226.52	0.74
	7416.00	9.25	274.83	6899.74	74.03	N	2243.36	W	2242.39	0.87
	7511.00	8.44	271.33	6993.61	74.84	N	2257.94	W	2256.96	1.02
	7606.00	7.75	270.95	7087.66	75.11	N	2271.31	W	2270.33	0.73
	7701.00	7.69	272.58	7181.80	75.50	N	2284.07	W	2283.08	0.24
	7780.00	7.13	272.45	7260.14	75.95	N	2294.25	W	2293.25	0.71
	7850.00	6.63	272.33	7329.63	76.30	N	2302.62	W	2301.63	0.71

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252A
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.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: ALLEN FED 31-6	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013311950000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 06 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
		STATE: UTAH
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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/11/2011 <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 10/05/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 11/11/2011 the casing was pressured up to 1395 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1783 psig during the test. There was not an EPA representative available to witness the test.</p> <p style="text-align: center;">EPA# UT20642-03731</p> <div style="text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</p> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/15/2011	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 11 / 11 / 11
 Test conducted by: Lynn Mosser
 Others present: _____

Well Name: <u>Allen Federal 31-6-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NE</u> Sec: <u>6</u> T: <u>9</u> N/S: <u>R</u> R: <u>17E</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>New Field</u>		
Last MIT: <u>1</u> / <u>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: 0 psig

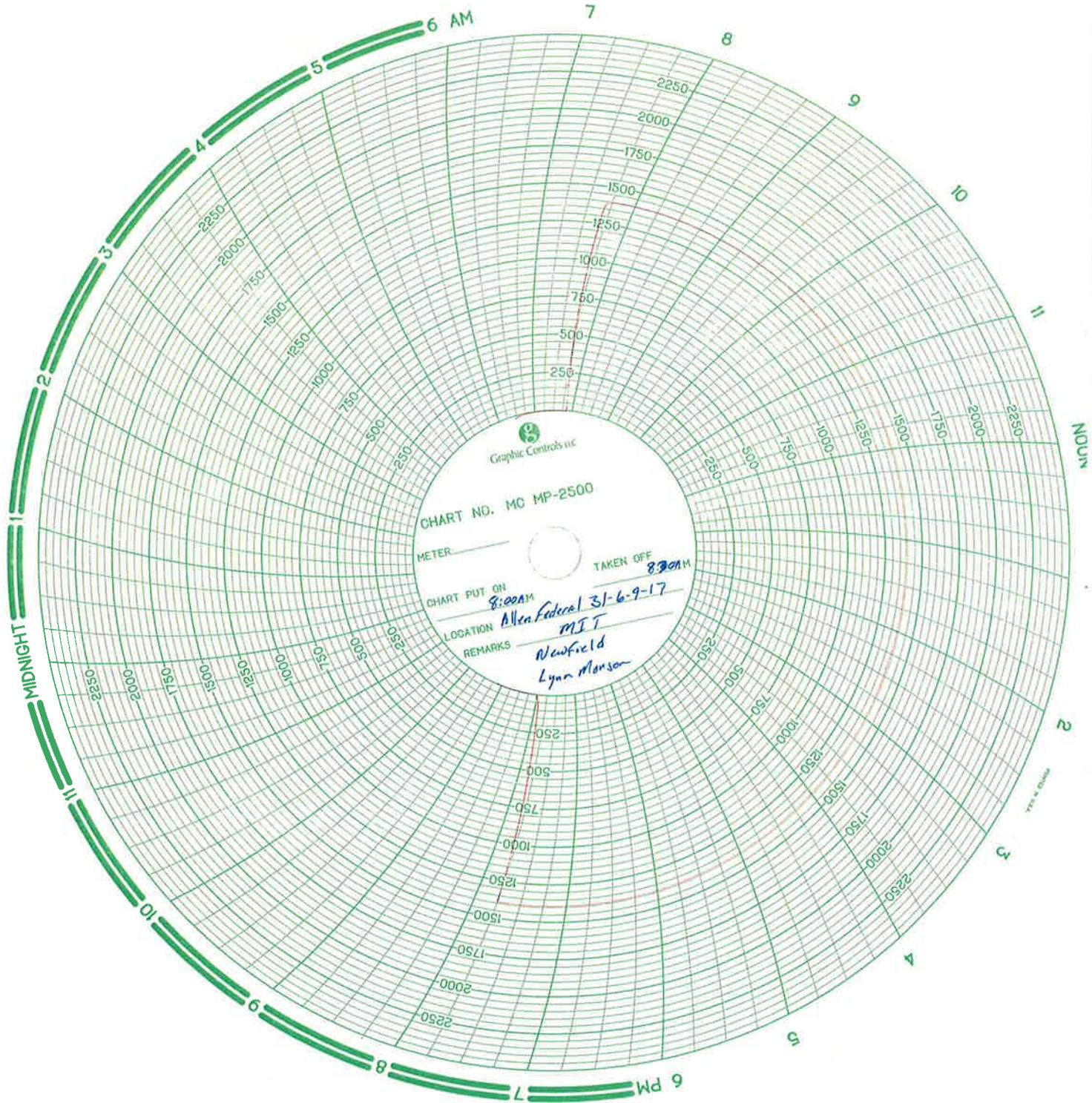
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1783</u> psig	psig	psig
End of test pressure	<u>1783</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1395</u> psig	psig	psig
5 minutes	<u>1395</u> psig	psig	psig
10 minutes	<u>1395</u> psig	psig	psig
15 minutes	<u>1395</u> psig	psig	psig
20 minutes	<u>1390</u> psig	psig	psig
25 minutes	<u>1390</u> psig	psig	psig
30 minutes	<u>1390</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<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: 9/28/87
 Put on Production: 12/13/87
 GL: 5295' KB: 5309'

Allen Federal #31-6-9-17

Initial Production: 52 BOPD, 50 MCFD, 7 BOPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (241')
 DEPTH LANDED: 233'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 158 sxs Class "G" & 52 sxs Poz. cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6038')
 DEPTH LANDED: 6052'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 175 sxs Hibit, 330 sxs Thixotropic, 70 sxs Class "G"
 CEMENT TOP AT: 2932' per CBL

Tubing Record

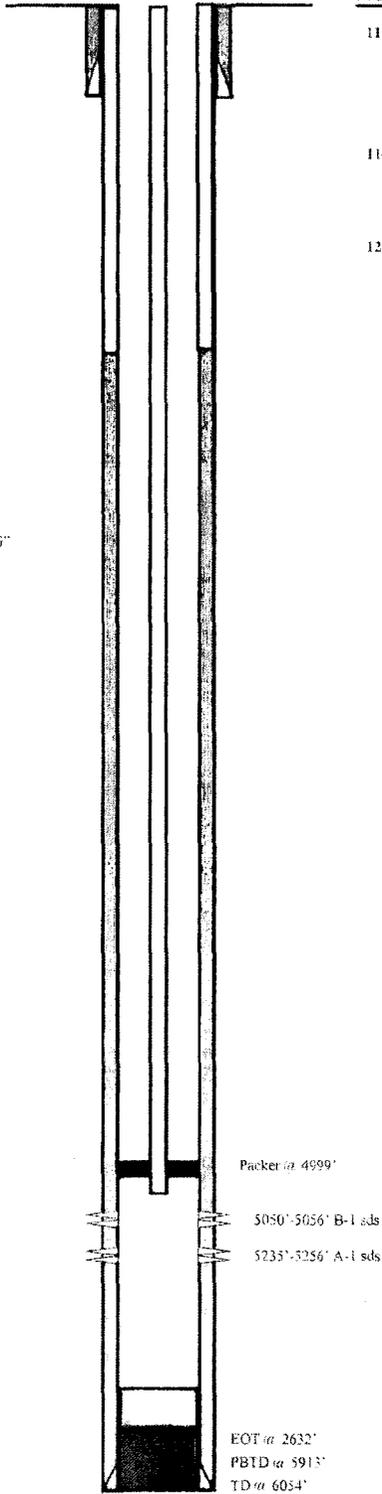
SIZE GRADE WEIGHT: 2-3/8" J-55 4.7#
 NO. OF JOINTS: 155 jts @ 4980.94'
 SN LANDED AT: 4982.04'
 PACKER AT: 4999.24'
 TOTAL STRING LENGTH: EOT @ 5093'

FRAC JOB

11-23-87 5235'-5256' Frac zone as follows:
 \$6,500# 16-30 sand in 917 bbl 3% KCl frac fluid. Average treat. press. 3500 psi @ 25 BPM. ISIP: 2100 psi Calc. flush: 5235 gal. Actual flush: 3350 gal.

11-27-87 5050'-5056' Frac zone as follows:
 57,000# 16-30 sand in 870 bbl 3% KCl frac fluid. Average treat. press. 3400 psi @ 22.5 BPM. ISIP - Screened out with 52,900# sand in filtr. 4100# in casing.
 5 Year MIT completed and submitted.

12/22/06



PERFORATION RECORD

5050'-5056' 4 SPF 24 holes
 5235'-5256' 4 SPF 84 holes

NEWFIELD

Allen Federal #31-6-9-17
 660 FNL & 1980 FEL
 NWNE Section 6-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31195; Lease #U-020252A

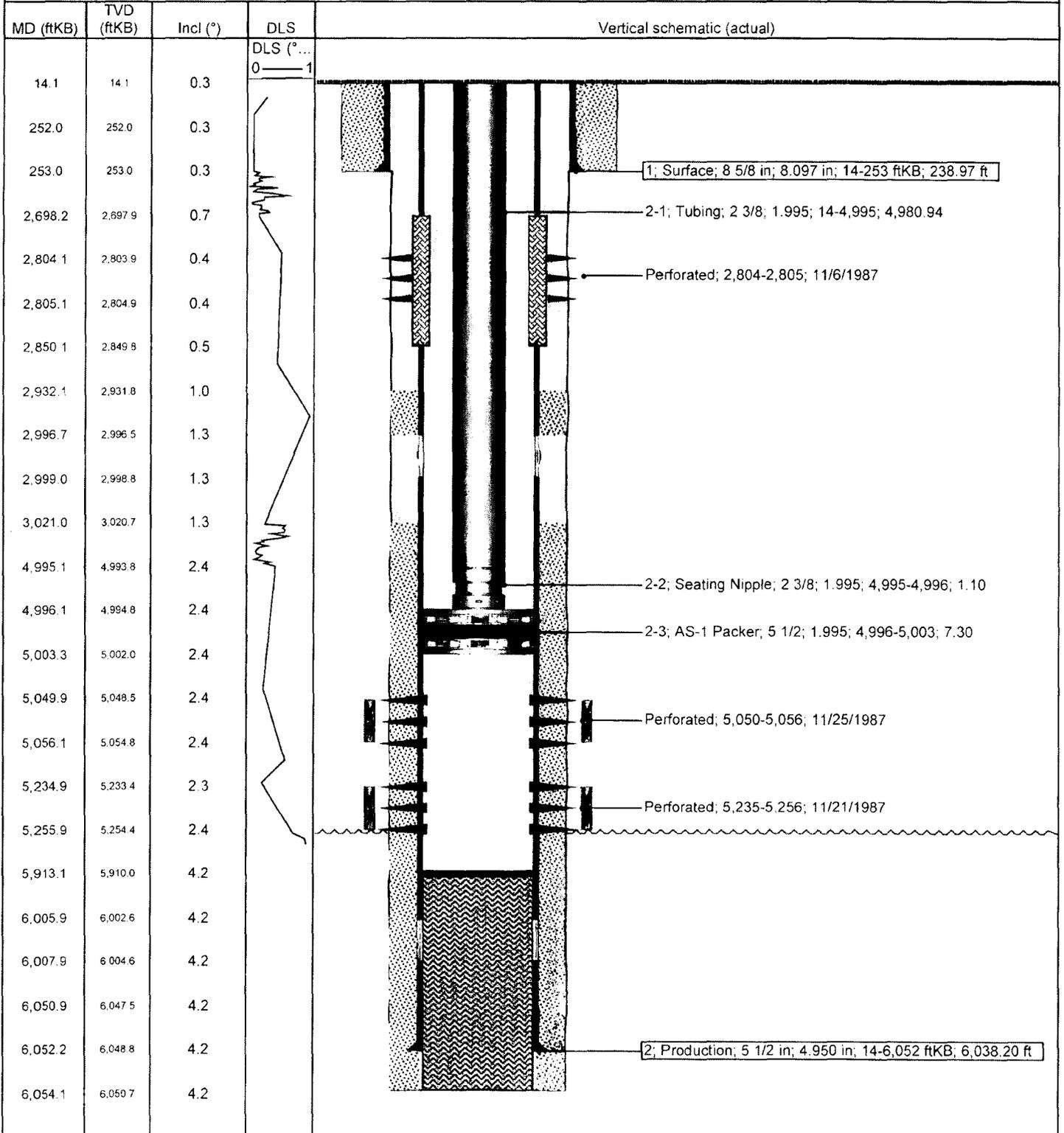
Well Name: Allen 31-6-9-17

43 013 31195

Surface Legal Location 06-9S-17E		API/UWI 43013311950000	Well RC 500151888	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 9/28/1987	Rig Release Date 10/23/1987	On Production Date 12/9/1987	Original KB Elevation (ft) 5,309	Ground Elevation (ft) 5,295	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,913.0	

Most Recent Job				
Job Category Production / Workover	Primary Job Type GYRO Survey	Secondary Job Type Survey	Job Start Date 1/21/2012	Job End Date 1/21/2012

TD: 6,054.0 Vertical - Original Hole, 5/12/2015 8:51:53 AM



NEWFIELD



Newfield Wellbore Diagram Data Allen 31-6-9-17

Surface Legal Location 06-9S-17E		API/UWI 43013311950000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 9/28/1987		Spud Date 9/28/1987		Final Rig Release Date 10/23/1987	
Original KB Elevation (ft) 5,309		Ground Elevation (ft) 5,295		Total Depth (ftKB) 6,054.0	
				Total Depth: All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,913.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/30/1987	8 5/8	8.097	24.00	K-55	253
Production	10/23/1987	5 1/2	4.950	15.50	K-55	6.052

Cement

String: Surface, 253ftKB 9/30/1987

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 14.0	Bottom Depth (ftKB) 253.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 25% POZ	Fluid Type Lead	Amount (sacks) 210	Class G	Estimated Top (ftKB) 14.0

String: Production, 6,052ftKB 10/23/1987

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 3,021.0	Bottom Depth (ftKB) 6,054.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 75	Class HIFILL	Estimated Top (ftKB) 3,021.0
Fluid Description 0.4% Halad 9+ 10% Cal Seal	Fluid Type Tail	Amount (sacks) 330	Class Thixotropic	Estimated Top (ftKB) 4,537.5

String: Production, 6,052ftKB 10/23/1987

Cementing Company Dowell Schlumberger	Top Depth (ftKB) 2,932.0	Bottom Depth (ftKB) 2,996.7	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 100	Class HIFILL	Estimated Top (ftKB) 2,932.0
Fluid Description 0.4% HALAD 9	Fluid Type Tail	Amount (sacks) 70	Class G	Estimated Top (ftKB) 2,964.4

String: Production, 6,052ftKB 11/14/1987

Cementing Company Halliburton Energy Services	Top Depth (ftKB) 2,698.0	Bottom Depth (ftKB) 2,850.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCl+ 2% SUPER CBL	Fluid Type Lead	Amount (sacks) 0	Class H	Estimated Top (ftKB) 2,800.0

Tubing Strings

Tubing Description Tubing		Run Date 1/10/2002			Set Depth (ftKB) 5,003.3			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	155	2 3/8	1.995	4.70	J-55	4,980.94	14.0	4,994.9
Seating Nipple		2 3/8	1.995			1.10	4,994.9	4,996.0
AS-1 Packer		5 1/2	1.995			7.30	4,996.0	5,003.3

Rod Strings

Rod Description		Run Date			Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Norm Hole Dia (in)	Date
1		2,804	2,805	4		0.500	11/6/1987
3		5,050	5,056	4			11/25/1987
2		5,235	5,256	4			11/21/1987

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,100		25.4	5,570			
2	2,160		22.3	6,000			

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Ottawa Sand 86500 lb
2		Proppant Ottawa Sand 56740 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: ALLEN FED 31-6
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013311950000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 06 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/5/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<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.

5 YR MIT performed on the above listed well. On 10/5/2016 the casing was pressured up to 1191 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 1931 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-03731

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 13, 2016**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/7/2016	

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 10 / 05 / 16

Test conducted by: Michael Jensen

Others present: _____

Well Name: <u>Allen Federal 31-6-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW/NE</u> Sec: <u>6</u> T <u>9</u> N <u>17</u> R <u>17</u> W County: <u>Duchesne</u> State: <u>Ut</u>		
Operator: <u>Newfield</u>		
Last MIT: <u> / / </u>	Maximum Allowable Pressure: <u>2184</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 / 1937 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1937 psig	psig	psig
End of test pressure	1931 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1192.0 psig	psig	psig
5 minutes	1192.0 psig	psig	psig
10 minutes	1191.4 psig	psig	psig
15 minutes	1191.4 psig	psig	psig
20 minutes	1191.2 psig	psig	psig
25 minutes	1191.2 psig	psig	psig
30 minutes	1191.0 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<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: 

Allen Federal 31 6 9-17 5 Year MIT(10 5 16)
10/5/2016 12:20:51 PM

