

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT ab4

DATE FILED **3-05-85**
 LAND FEE & PATENTED **X** STATE LEASE NO PUBLIC LEASE NO INDIAN
 DRILLING APPROVED **7-30-85 - OIL (Cause No. 102-16B)**
 SPUDDED IN
 COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION
 GRAVITY API
 GOR
 PRODUCING ZONES

TOTAL DEPTH
 WELL ELEVATION

DATE ABANDONED *NA - Application Rescinded 11-30-86*
 FIELD **GREATER CISCO**

UNIT
 COUNTY **GRAND**

WELL NO **FRAZIER 15-2** API #**43-019-31198**
 LOCATION **1668' FNL** FT FROM IN (S) LINE **1540' FEL** FT FROM E (W) LINE **SW NE** 1.4 - 1.4 SEC **15**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
21S	23E	15	MASTERS PETROLEUM				



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

January 11, 1985

Inc. Master Petroleum & Development Co.
814 South 7th Street
Grand Junction, CO 81501

Dear Applicant:

RE: TEMPORARY APPLICATION
NUMBER 01-222 (T60574)

Enclosed is a copy of approved Temporary Application Number 01-222 (T60574). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire June 1, 1985, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

A handwritten signature in cursive script that reads "Carl M. Staker".

FOR Dee C. Hansen, P. E.
State Engineer

DCH:slm

Encl.: Copy of approved Temporary Application

MASTER PETROLEUM & DEVELOPMENT CO., INC.

REC'D MDO FEB 27 1985

Complete Oil and Gas Land Management
Production Development

814 South 7th Street
Grand Junction, Colorado 81501
(303) 241-4213

RECEIVED
FEB 27 1985

1985 FEB 25 AM 10:00

DEPT. OF ENVIRONMENT
DIV. OF LAND MGMT.

2-19-85

Gentlemen,

Enclosed you will find our firms
"A.P.D.'s" for the Frazier 15-1 & 15-2
wells. TO DATE COPIES HAVE BEEN SUBMITTED
TO THE MURB DISTRICT OFFICE AND AN
ON SITE INSPECTION HAS TAKEN PLACE.
I TRUST YOU WILL FIND OUR PAPERWORK
IN ORDER. SHOULD YOU HAVE ANY QUESTIONS
PLEASE DO NOT HESITATE TO CONTACT OUR
OFFICE.

Thank you,
Thomas A. Alvarado

RECEIVED

MAR 05 1985

DIVISION OF OIL
GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REC'D MDD FEB 24 1985

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
Master Petroleum & Development Co., Inc.

3. ADDRESS OF OPERATOR
814 South 7th St. Grand Junction, Co. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1668 feet FNL, 1540 feet FEL
Sec. 15, T21S. R23E.
At proposed prod. zone
Salt wash

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 miles to Cisco, Utah

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

16. NO. OF ACRES IN LEASE
40

17. NO. OF ACRES ASSIGNED TO THIS WELL
10

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

19. PROPOSED DEPTH
1200 feet

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4376 feet

22. APPROX. DATE WORK WILL START*
1/21/85

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4 inch	7 inch	24 pound	120 feet	50 sacks (cement to surface)
6 1/2 inch	4 1/2 inch	10 1/2 pound	1100 feet	135 sacks (cover formations)

Wells to be drilled to test salt wash formation, all shows encountered will be tested.

Blowout equipment to be used is 8" 900 series double gate Schaeffer Hydraulic type L.W.S. or equivalent.

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

DATE: 7/30/85
BY: John R. Dan

WELL SPACING: *Conserv No. 102-16B*

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

24. SIGNED: *Thomas Akuel* 303-241-4213 TITLE: *President* DATE: 1-16-85

(This space for Federal or State office use)

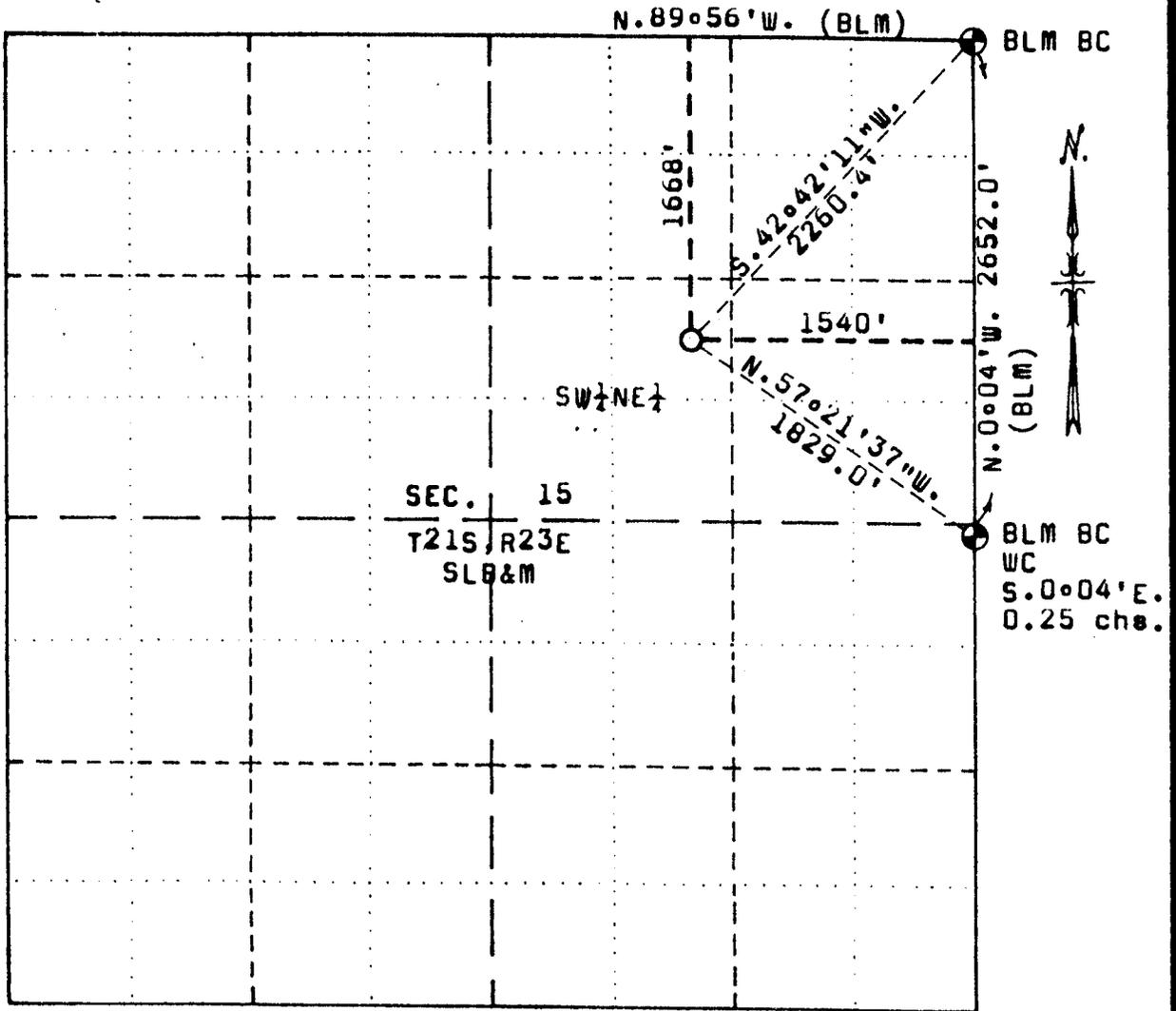
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
FEB 25 11 10 AM '85

11/15/79



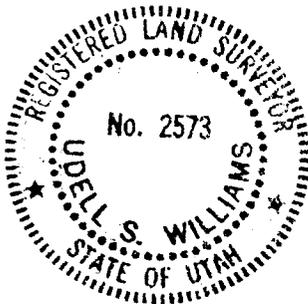
SCALE: 1" = 1000'

FRAZIER #15-2

Located 1668 feet from the North line and 1540 feet from the East line of section 15, T21S, R23E, SLB&M.

Elev. 4376

Grand County, Utah



SURVEYOR'S CERTIFICATE

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

Udell S. Williams
Utah R.L.S. No. 2573

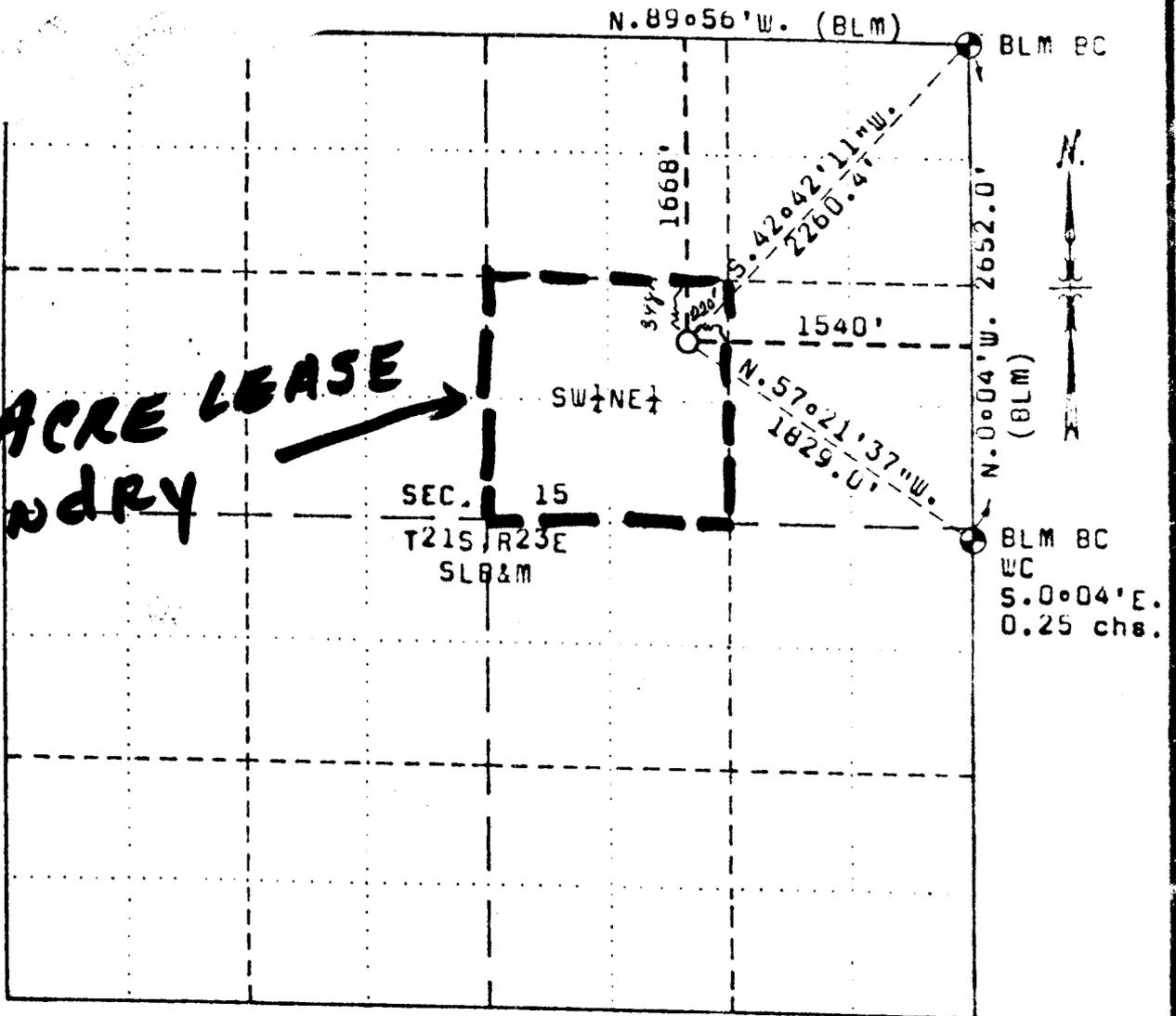


UDELL S. WILLIAMS
751 Rood Avenue
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
FRAZIER #15-2
SW 1/4 NE 1/4 SECTION 15
T21S, R23E, SLB&M

SURVEYED BY: USW DATE: 12/7/84
DRAWN BY: USW DATE: 12/7/84

**40 ACRE LEASE
boundary** →



SCALE: 1" = 1000'

FRAZIER #15-2

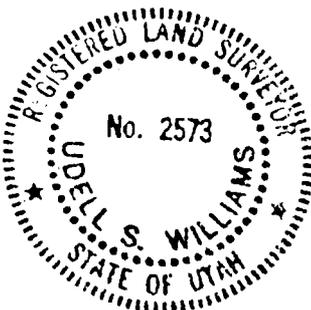
Located 1668 feet from the North line and 1540 feet from the East line of Section 15, T21S, R23E, SLB&M.

Elev. 4376

Grand County, Utah

RECEIVED

JUL 29 1985



SURVEYOR'S CERTIFICATE

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Udell S. Williams
Utah R.L.S. No. 2573



UDELL S. WILLIAMS
DIVISION OF OIL, GAS & MINING
311 1/2 Road Avenue
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
FRAZIER #15-2
SW 1/4 NE 1/4 SECTION 15
T21S, R23E, SLB&M

SURVEYED BY USW DATE 12/7/84
DRAWN BY USW DATE 12/7/84

Master Petroleum & Development Co., Inc.
814 South Seventh St.
Grand Junction, Co. 81501

Grand Resource Area
Bureau of Land Management
U.S. Department of Interior
Moab, Utah 84523

Application for Master Petroleum & Development Co., Inc. to drill in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ section 15, T215 R23E, Grand County, Utah is set forth on form 9-331-C.

The purpose of this letter is to present the information required on the NTL-6 Regulation, (conditions for approval for permit) to drill.

A. Drilling Program:

1. Geological name of surface formation:

Cretaceous Mancos Shale

2. Geological formation tops:

Cretaceous	Mancos Shale	surface
	Dakota Sandstone	600'
	Cedar Mountain	700'
Jurassic	Morrison (brushy basin)	750'
	Morrison (salt wash)	1050'
	Total depth	1100'

3. Pressure control equipment:

BOP and manifold to be tested to one-thousand (1000) psi prior to drilling out of surface casing plug. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold will be visually inspected daily. All tests will be recorded on a daily tour sheet. See BOP schematic.

4. Casing program:

See form 9-331-C

5. Drilling and circulating medium:

Operator plans to drill with air and air mist as far as possible, water base drilling fluid will be used in the event excessive formation water is encountered, to control or kill oil or gas flows and when running long string (4½', 10.5 lb. casing). It will consist of invert polymer type bio-degradable mud at 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon will be provided if required. Potassium-Chloride(KCl) D.G. chemical will be added as required.

6. Coring, logging and testing program:

No coring or DST's are programmed. All logs to be run by a competent well logging service company. Electric logs consisting of a Dual Induction Laterlog(DIL), Compensated Neutron and Formation Density(CNFD), and Caliber Log(CL). If casing is set, a Cement Bond Log(CBL), and a Gamma Ray Log (GRL) may be run. All or a combination of these may be used in this well.

Drilling samples will be taken every ten(10) feet, starting one-hundred(100) feet above the Dakota Formation. Sample analysis will be provided by competent personnel.

7. Abnormal conditions, bottom hole pressures, and potential hazards:

The maximum bottom hole pressure expected is six-hundred(600) PSI, which will be compensated for by the BOP, and high pressure fittings and couplings. No Hydrogen-Sulfide problems are expected.

Auxillary equipment to control pressure will include a high pressure stand pipe valve, drill string and bit floats, drill pipe to full opening valve sub located on floor, and a Kelly cock.

8. The approximate starting date is January 7th 1985. All operations, including location work, spudding, and drilling, are anticipated to take ten(10) to twenty(20) days.

B. Thirteen Point Surface Use Plan

1. Existing roads:

- a) Proposed well site is staked.
- b) Proposed route to location and distance to nearest town:

The well site is located approximately three(3) miles north-west of Cisco, Utah. Exit from old Highway 6-50 at railroad crossing east of Cisco, turn west, and follow existing road parallel to tracks across to Cisco Wash, pass through wash under I-70 Highway and follow existing road to drill site, approximately one(1) mile from I-70. The length of new access road is approximately six-hundred(600) feet. The new access is on a flat surface and will be lightly bladed with top-soil saved for reclamation.

- c) Access road is dotted in red and existing roads are dotted in green. See map.
- d) None required for drilling. In the event of production, operator will work to maintain a graded and improved road year round. This will require cooperation with other operators in this area to maintain this road.

2. Planned access roads:

- a) width: 16' travel surface, 20' disturbed width. Any disturbed vegetation and top-soil will be windrowed for use during reclamation.
- b) Maximum grade: access route is flat.
- c) Turn-outs: None required
- d) Centerline of proposed access road is flagged.
- e) Drainage: none required, should production be established, the road will be upgraded to include ditch and crown.
- f) Surfacing material: none needed
- g) Other: All travel will be limited to existing access road right-of-way. Access road will be rehabilitated or brought to class III standards within sixty(60) days of completion of drilling.

3. Location of existing wells:

Producing wells in one(1) mile radius are: see map

Hafer	15-2	- Sec. 15	Wells & Coltharp	oil
Ambra	15-4	- Sec. 15	Damond Gilliland	gas
Ambra	15-5	- Sec. 15	Damond Gilliland	gas
Vanover		- Sec. 10	Dan Vanover	oil

4. Location of existing and/or proposed production facilities:

- a) On well pad; See attached pad schematic and production facility layout.
- b) Off well pad: No production facilities to be located off well pad, except a production line should gas be produced. A determination for gas line route would then be determined from right-of-way information after same was obtained from BLM.

All permanent production facilities will be painted using one of the colors on the attached list.

All open and exposed pits will be fenced to protect livestock and wildlife, an earthen fire bunker will be built around any tanks with sufficent capacity to contain 150% of the tank volume.

The reserve pit and any portion of the location or access road not needed for production will be rehabilitated.

5. Location and type of water supply:

Colorado River at Fish Ford, south-east of Cisco, Utah per permit from state of Utah(see attached copy). Water will be transported by tank truck utilizing existing roads. No water well is planned or needed.

6. Construction material:

Should any such materials be required, they will be provided from a private source. However, no materials are planned. Mancos Shale surface bladed and packed roads are best for this area.

7. Method of handling waste disposal:

Cuttings and drilling fluids will be discharged into the reserve pit. A portable chemical toilet will be provided for sewage. Garbage and waste materials will be placed in a trash cage and hauled away when work is completed.

Produced fluids (oil and water) will be placed in tanks and pits. The blowey line will be one-hundred and twenty-five (125) feet long angled into the pit. It will be anchored and misted while drilling with air.

If any material is to be burned a permit will be obtained from the State Land Forestry and Fire Control office in Moab, Utah prior to burning.

8. Auxillary facilities:

None anticipated

9. Well site layout:

The well site is flat and requires no cut and fill. Any disturbed vegetation and top-soil will be stockpiled on the south-east side of the location.

The reserve/blowey pit will be fenced on three sides while drilling, the fourth side will be fenced after drilling is completed. Fence will be 36" high, woven wire with one strand of barbed wire on top.

See well pad schematic.

Pits are unlined.

10. Restoration plan:

- a) Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris from the operation. All trash will be disposed of in a portable trash cage and will be hauled to a local town dumpsite. No trash will be left in the pits.
- b) The operator or his contractor will notify the Grand Resource Area BLM office in Moab, Utah, four (4) to eight (8) hours prior to starting rehabilitation work that involves earth moving equipment. The Grand Resource office will again be notified upon completion of restoration.

10. Restoration plan(cont.):

- e) Prior to dirtwork restoration the reserve/ blowey pits will be dry and free of debris.
- d) All stockpiled top-soil will be distributed over the rehabilitation area. All rehabilitated areas will be scarified to provide a proper seed bed.
- e) Rehabilitated area will be reseeded using a mixture approved by the BLM(see attached list), between October 15th and November 15th. If seed is broadcast, it will be harrowed to cover the seed, otherwise seed will be drilled.
- f) If well is completed as a producer, any unused areas will be rehabilitated.
- g) If there is any oil in the pit, it will be removed.
- h) Rehabilitation will be completed within sixty (60) days of abandonment.

11. Other information:

- a) The location is a desert area, with minimal vegetation. However, livestock graze here in the Spring and Fall. The town of Cisco lies three(3) miles south-east, with few residents. There is no evidence of anything of historical, cultural, or archeological value, other than the old railroad bed in the area of the location.

Attached, please find a copy of cultural clearance completed by a competent firm.

- b) The Grand Resource Area office will be contacted forty-eight(48) hours prior to any work initiation on public lands.
- c) Operators, and contractors will be furnished an approved copy of the surface use plan with stipulations prior to commencing work.
- d) If any cultural material is exposed during work, such will stop and the Grand Resource office will be notified. All persons on site will be notified of possible prosecution if they disturb archeological sites or remove artifacts.

12. Operator:

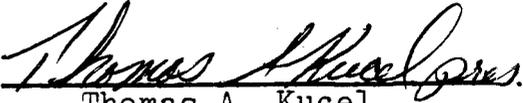
Master Petroleum & Development Co., Inc.
814 South Seventh St.
Grand Junction, Co. 81501
Telephone(303) 241-4213
Attention: Thomas A. Kucel

Master Petroleum has a statewide bond for operating in the state of Utah.

13. Certification:

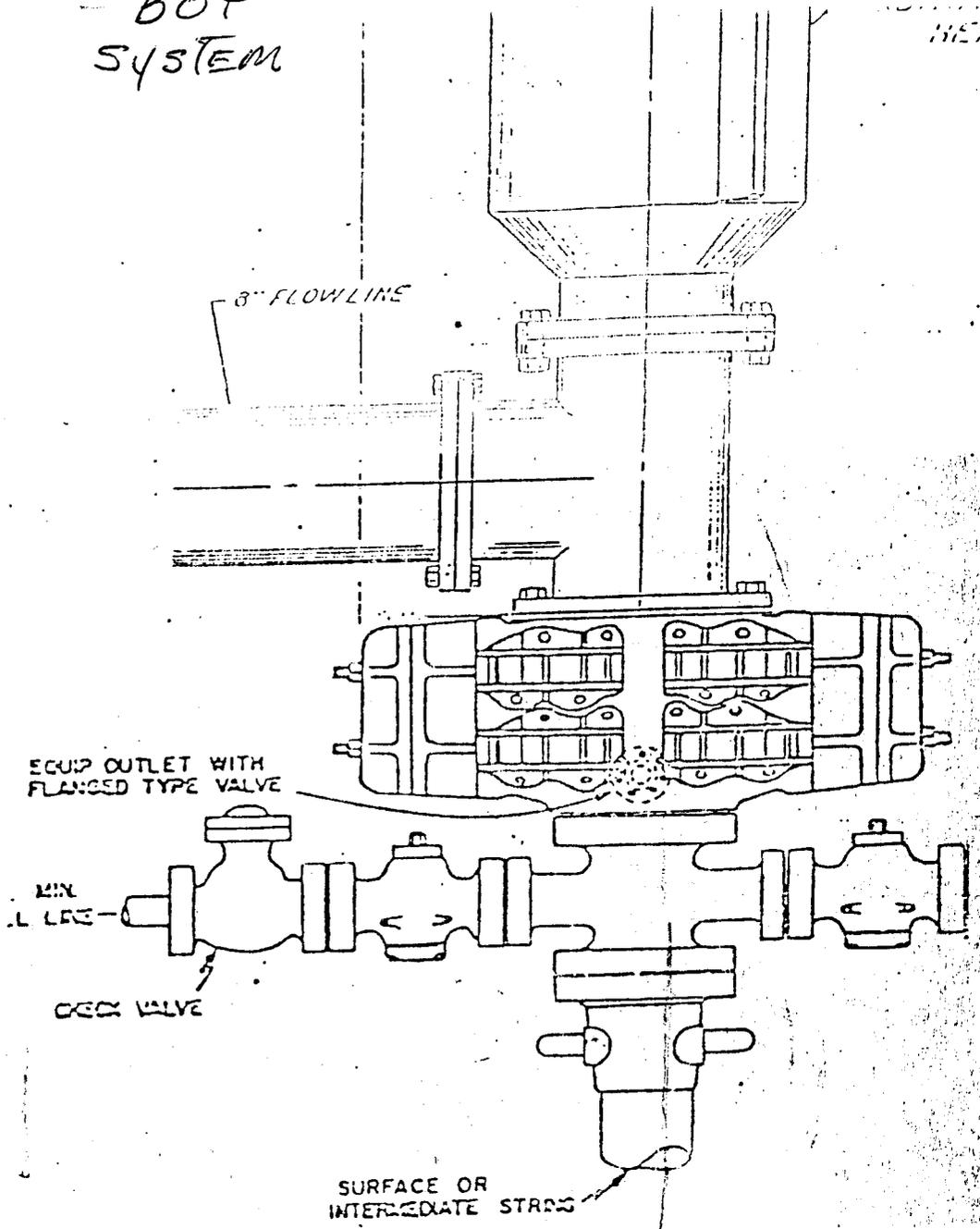
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Master Petroleum & Development Co., Inc. and its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

1-16-85
Date


Thomas A. Kucel
President
Master Petroleum &
Development Co., Inc.

BOP SYSTEM

HEAD





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

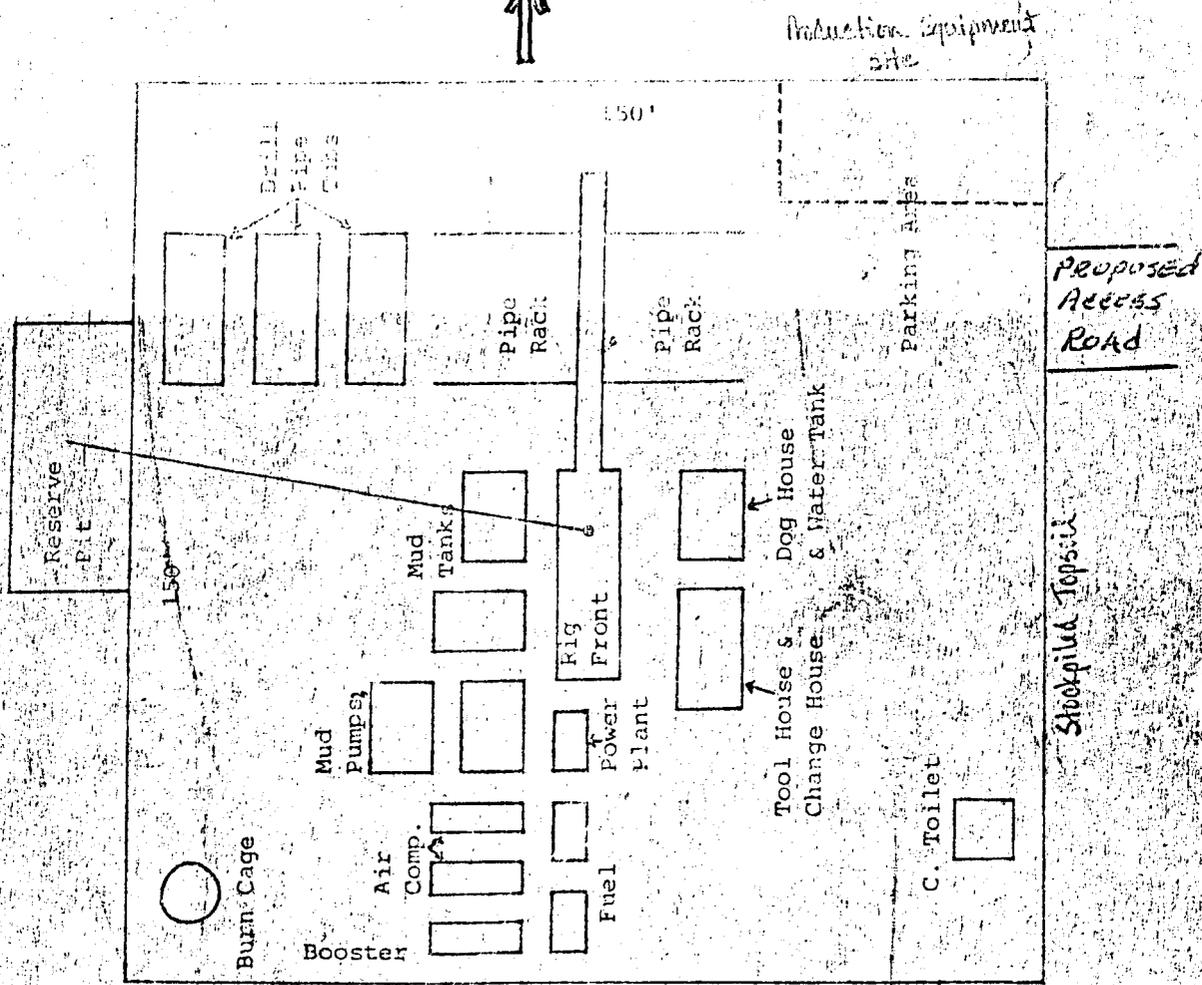
- Dynasty Green (Sears)
- Tumbleweed (Pratt & Lambert)
- ~~_____~~
- Sage Gray (Pratt & Lambert)

Bookcliffs Region:

- Sage Gray (Pratt & Lambert)
- Sea Life (Pratt & Lambert)
- Dynasty Green (Sears)

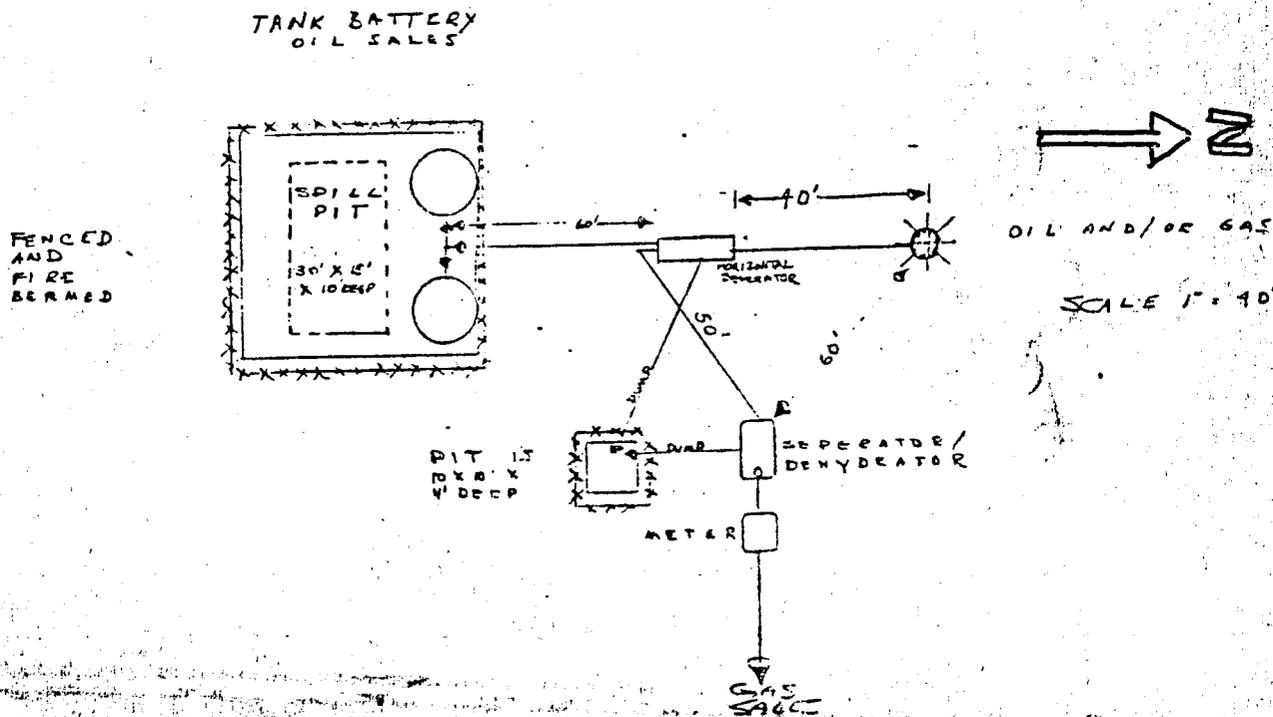
Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

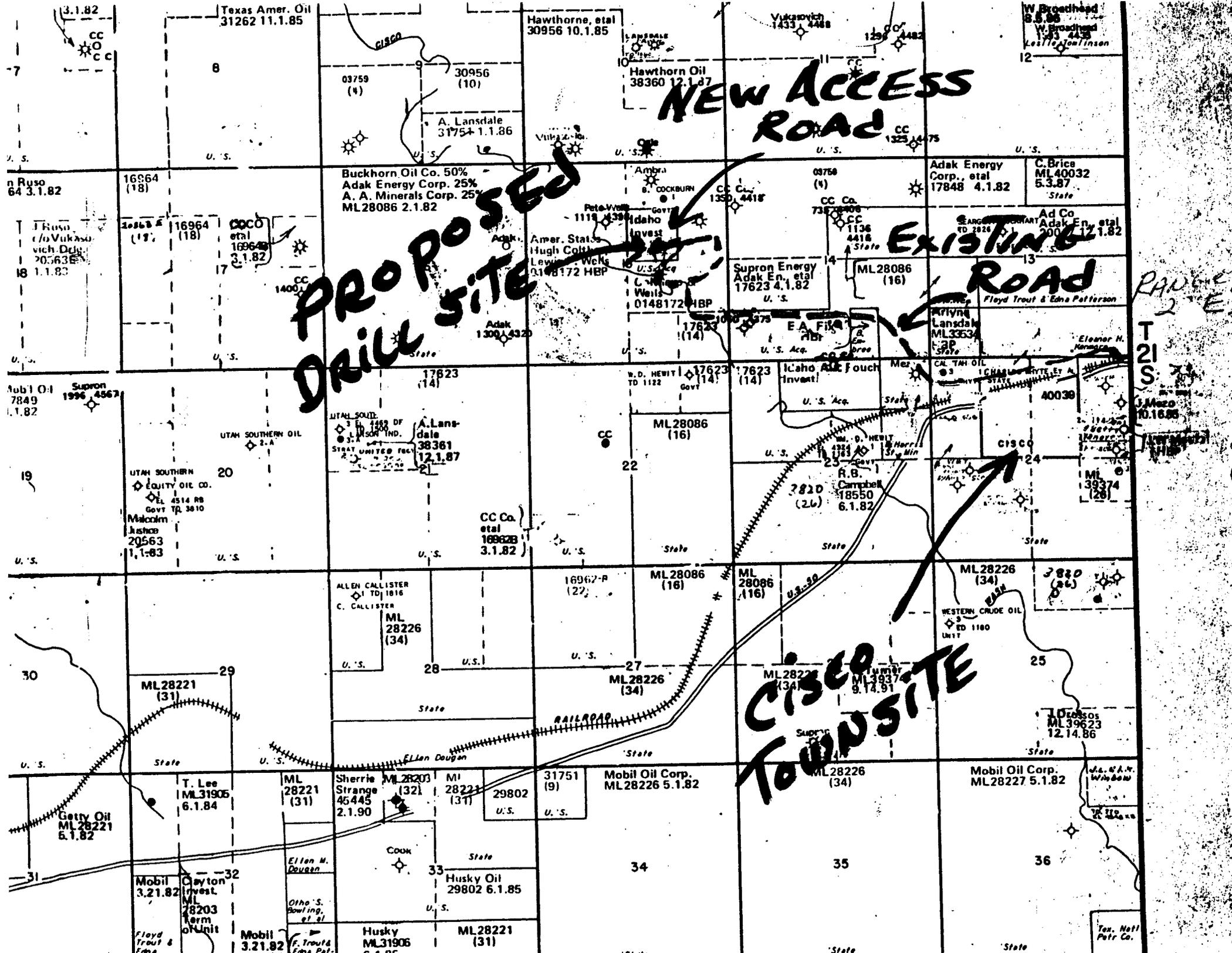
WELL PAD SCHEMATIC



Scale: 1" = 30 ft.

Proposed Production Facility Layout





Texas Amer. Oil
31262 11.1.85

Hawthorne, et al
30956 10.1.85

Hawthorn Oil
38360 12.1.87

30956
(10)

A. Lansdale
31754 1.1.86

NEW ACCESS ROAD

Adak Energy Corp., et al
17848 4.1.82

C. Brice
ML40032
5.3.87

PROPOSED DRILL SITE

EXISTING ROAD

A. Lansdale
38361
12.1.87

CISCO TOWNSITE

n Ruso
64 3.1.82

16964
(18)

J. Ruso
et al
20563
1.1.83

16964
(18)

COCO
et al
16964
3.1.82

Buckhorn Oil Co. 50%
Adak Energy Corp. 25%
A. A. Minerals Corp. 25%
ML28086 2.1.82

Amer. States
Hugh Colth
Levin Wells
0148172 HBP

Supron Energy
Adak En., et al
17623 4.1.82

ML28086
(16)

Ad Co
Adak En., et al
2004 12.1.82

Floyd Trout & Edna Patterson

Subl Oil
7849
1.1.82

Supron
1996 4.5.87

16964
(18)

19

UTAH SOUTHERN
EQUITY OIL CO.
EL 4514 RB
GOVT TR 3810
Malcolm
JAMES
20563
1.1.83

UTAH SOUTHERN OIL
2.A

UTAH SOUTH.
3 E. 1455 DF
LANSDALE IND.
3.A
STRAIT UNITED

CC Co.
et al
16964
3.1.82

ML28086
(16)

R.B. Campbell
18550
6.1.82

CISCO

U.S.

U.S.

U.S.

U.S.

State

State

State

30

ML28221
(31)

Getty Oil
ML28221
5.1.82

T. Lee
ML31905
6.1.84

ML28221
(31)
Sherrille Strange
45445
2.1.90

MI 28221
(31)
29802
U.S.

31751
(9)
U.S.

Mobil Oil Corp.
ML28226 5.1.82

ML28226
(34)
9.14.91

ML28226
(34)

WESTERN CRUDE OIL
UNIT
ED 1180

3820
(26)

31

Mobil
3.21.82

Cayton Invest.
ML28203
Term Unit

Mobil
3.21.82

Ellen M. Dougan

Otha S. Bowling, et al

F. Trout & Edna Patterson

Cook

Husky Oil
29802 6.1.85

Husky
ML31905
(31)

ML28221
(31)

34

35

36

Mobil Oil Corp.
ML28227 5.1.82

J. A. N. W. W. W. W.
W. W. W. W.

Tex. Natl
Petr. Co.

RANGE
2 E
T 21 S

NICKENS and ASSOCIATES

P.O. Box 727

Montrose, Colorado 81402

Phone: (303) 249-3411

December 13, 1984

Mr. Jerry Anderson
Master Petroleum Company
814 South 7th Street
Grand Junction, Colorado 81501

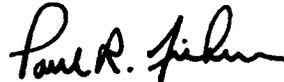
Dear Mr. Anderson:

We have completed cultural resources inspections of the Frazer 15-1 and 15-2 locations, located northwest of Cisco in Grand County, Utah. No new cultural resource sites were noted in the proposed impact areas; however, a previously recorded historic site, 42GR935, was observed to be adjacent to the locations. Recommendations for avoidance of this site are included on the enclosed copy of the Bureau of Land Management Summary Report of Inspection for Cultural Resources. Copies of the report have been forwarded to the appropriate review offices.

Our invoice for the work is also attached.

If you have any questions concerning the work or the results, please do not hesitate to contact me.

Sincerely,

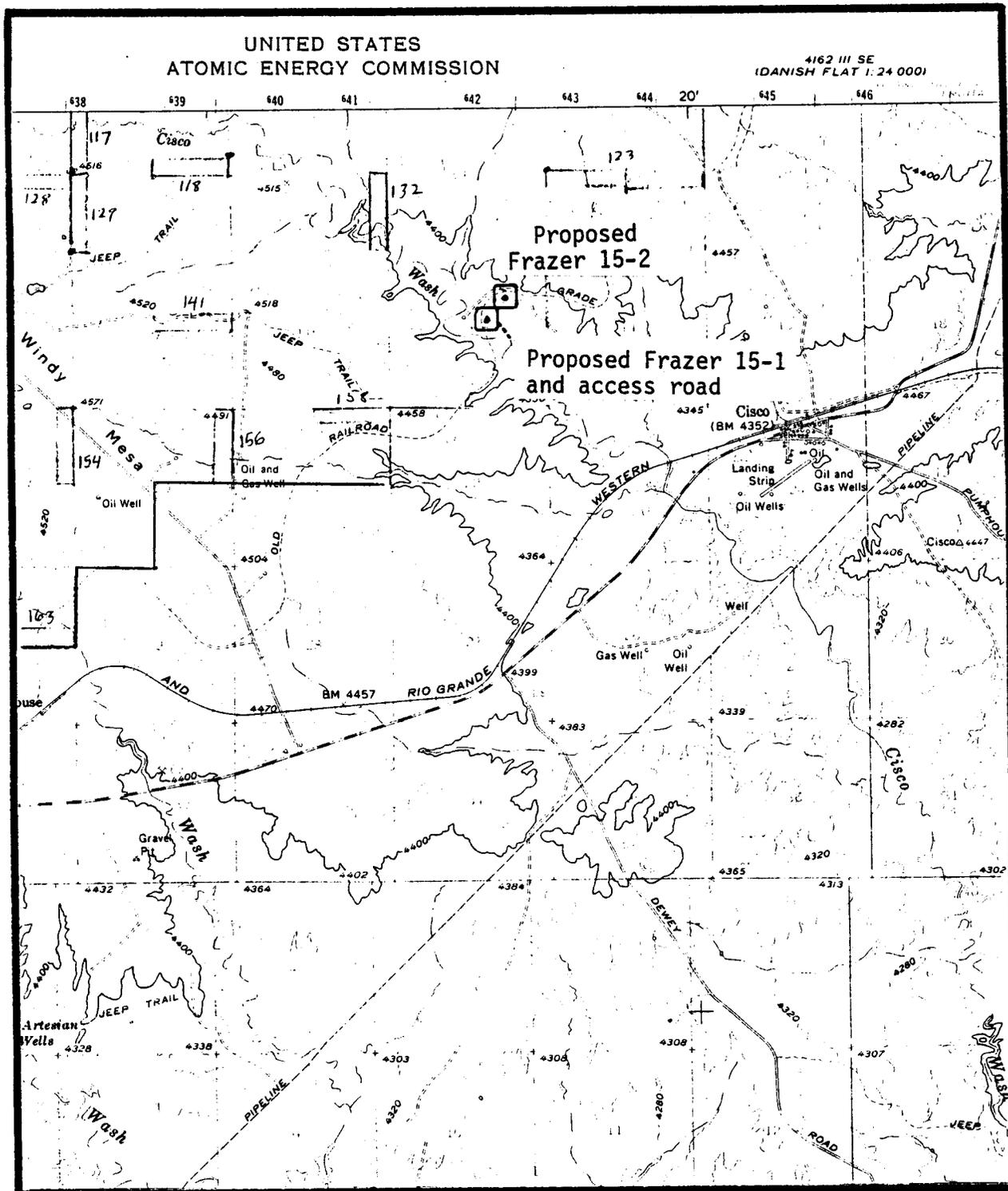


Paul R. Nickens, Ph.D.
Principal Investigator

PRN/km

Attachment

cc: BLM - Grand Resource Area
BLM - Moab District Office
Utah State Antiquities Section



Location of Master Petroleum's proposed Frazer 15-1 and Frazer 15-2. Section 15, Township 21 South, Range 23 East, Salt Lake P.M., Grand County, Utah.

USGS Cisco, Utah 15' Quadrangle (1958).

<u>Grasses</u>		<u>lbs/acre</u>
Hilaria jamesii	Galleta (Curlygrass)	2
Sporobolus airoides	Alkali sacaton	2
<u>Forbs</u>		
Aster chilensis	Pacific aster	.5
Helianthus annuus	Common sunflower (Kansas sunflower)	.5
Spahaeralcea coccinea	Scarlet globemallow	.5
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>
		6.5 lbs/acre

Broadcast seed will be applied at double the above rate.
 Seeding will be done in the fall of the year (Oct. - Dec.)



United States Department of the Interior

IN REPLY REFER TO

3104
(U-942)

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

DEC 18 1984

DECISION

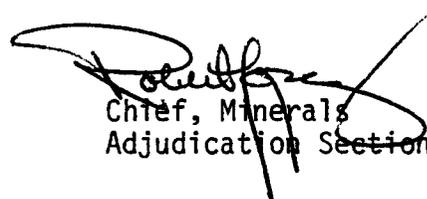
Master Petroleum and Development : \$25,000 Statewide
Company, Inc. : Oil and Gas Bond
814 S. 7th Street :
Grand Junction, Colorado 81501 :

Bond Accepted

A \$25,000 statewide oil and gas bond, No. 43-45-57, was filed in this office December 7, 1984. The bond was executed October 29, 1984, with Master Petroleum and Development Company, Inc. as principal and New Hampshire Insurance Company as surety.

This bond constitutes coverage in the State of Utah for obligations under oil and gas leases held or hereafter acquired by the principal, including lease offers, assignments, operating agreements, etc., issued under the authority of the Minerals Leasing Act of 1920, as amended, and the Mineral Leasing Act for Acquired Lands, as amended. The bond is satisfactory and is hereby accepted effective December 7, the date of filing.

Coverage under your statewide bond will not, however, extend to include additional principals, and the coverage does not extend to any lands where the principals are or become the unit operator but do not own the record title or operating rights in such lands either solely or jointly with others whose interests are likewise covered by appropriate bonds.


Chief, Minerals
Adjudication Section

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we Master Petroleum & Development Co, Inc.

of 814 S 7th St., Grand Junction, CO 81501

as principal, and New Hampshire Insurance Company

of Manchester, NH

as surety, are held and firmly bound unto the United States of America in the sum of **Twenty-Five Thousand and 00/100**----- dollars (\$ **25,000.00**-----), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

1. UTAH

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

OPERATOR Master Petroleum & Development DATE 3-7-85

WELL NAME Trayer 15-2

SEC SW NE 15 T 21S R 23E COUNTY Grand

43-019-31198
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within 400'
Water & - T 01-222 (T60574)

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

102-16B 11/15/79
CAUSE NO. & DATE

c-3-b

c-3-c

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

July 30, 1985

Master Petroleum & Development Co., Inc.
814 South 7th Street
Grand Junction, Colorado 81501

Gentlemen:

Re: Well No. Frazier 15-2 - SW NE Sec. 15, T. 21S, R. 23E
1668' FNL, 1540' FEL - Grand County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with the Order of Cause No. 102-16B dated November 15, 1979.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31198.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

an equal opportunity employer



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

October 17, 1985

Mr. Jerry Anderson
Master Petroleum & Development Co, Inc.
814 South Seventh Street
Grand Junction, Colorado 81501

*Master Petroleum
Frazier 15-2*

Dear Mr. Anderson:

Re: Wells in Sec. 15, T. 21S, R. 23E, Grand County, Utah

Based on my recent conversations with you, the Division staff has reviewed the situation concerning the well no. Frazier 15-1 in the referenced section. A closer look at the language and intent of the Order in Cause No. 102-16B has led us to determine that the Frazier 15-1 well can be completed and produced. A copy of the order is enclosed for your information.

Additionally, we have determined that because the Frazier 15-1 will be completed as a gas well, the two proposed wells for which you have received approval to drill, cannot now be drilled because of their proximity to an existing gas well. Therefore, we will have to suspend approval to drill the well no. Frazier 15-2 located 1668' FNL, 1540' FEL of section 15 and the well no. MPD 15-3 located 2440' FNL, 2440' FWL of the same section. You will receive notice of these suspensions by separate letter.

The Order in Cause No. 102-16B dated November 15, 1979 states that all wells drilled for oil or gas in specific sections of the Greater Cisco area must comply with the following well locating rules:

1. Wells shall be no less than 500' from any property or lease line.
2. Wells shall be no less than 200' from the boundary of a governmental quarter-quarter section or equivalent lot or tracts.
3. Wells shall be no less than 400' from any oil well.
4. Wells shall be no less than 1320' from any gas well.

Page 2

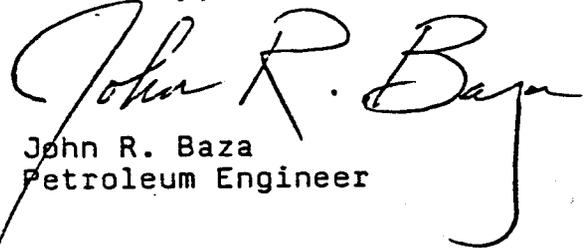
Mr. Jerry Anderson
October 17, 1985

It is our determination that the Frazier 15-1 well does comply with the intent of this order and that it may be allowed to produce as previously stated. However, by the same reasoning, the two other proposed wells in the same section for which your company has obtained approval to drill cannot now be drilled in compliance with this order. To do so would allow the proposed wells to be closer than 1320' to an existing gas well.

In order to be allowed to drill the two proposed wells, Master Petroleum must submit a petition to the Board of Oil, Gas and Mining for a hearing to request an exception to the requirements of the order. At the hearing, sufficient evidence or testimony must be given to show that the requested action will not cause waste, will protect correlative rights and will promote orderly development of the hydrocarbon resource. I have enclosed information on the requirements for submitting such a petition to the Board.

As I mentioned on the phone, the Division will probably make a request to the Board in the near future to consider modification to the existing order. We appreciate your offer of technical assistance in this regard. Thank you for your consideration in this matter and please contact me if you have additional questions.

Sincerely,



John R. Baza
Petroleum Engineer

jmc
enclosure
cc: D.R. Nielson
R.J. Firth
Well Files
0155T-44-45



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

October 25, 1985

Master Petroleum & Development Company
814 South Seventh Street
Grand Junction, Colorado 81501

Gentlemen:

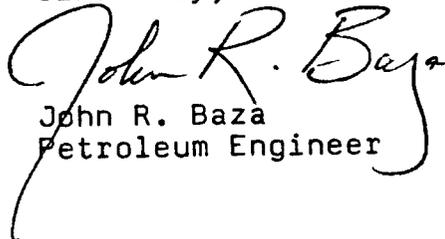
RE: Well No. Frazier 15-2, API NO. 43-019-31198, Sec.15, T.21S,
R.23E, Grand County, Utah

As stated in a recent letter to you dated October 17, 1985, approval to drill the referenced well is hereby suspended until the Board of Oil, Gas and Mining allows an exception to the requirements of the order establishing well siting in the area.

It is the responsibility of your company, as operator of the proposed well, to petition the Board for a hearing to determine whether an exception can be granted. Upon approval of the exception, approval to drill will be reinstated.

If you have any questions regarding this matter, please contact this office. Thank you for your cooperation.

Sincerely,


John R. Baza
Petroleum Engineer

sb

cc: D.R. Nielson
R.J. Firth
Well File

0155T-55



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 Trad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

110315

October 30, 1986

Master Petroleum & Development Company
814 South Seventh Street
Grand Junction, Colorado 81501

Gentlemen:

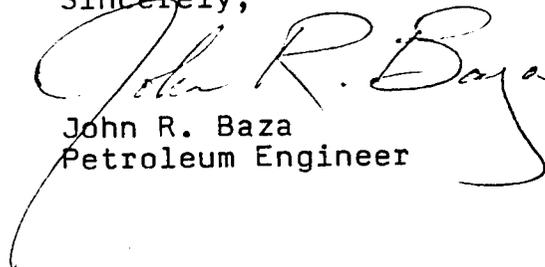
RE: Well No. Frazier 15-2, Sec.15, T.21S, R.23E, Grand County, Utah,
API NO. 43-019-31198

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, a new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

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

Sincerely,



John R. Baza
Petroleum Engineer

sb
cc: D. R. Nielson
R. J. Firth
✓ Well file
0327T-17

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT ab4

DATE FILED **3-05-85**
 LAND FEE & PATENTED **X** STATE LEASE NO PUBLIC LEASE NO INDIAN
 DRILLING APPROVED **7-30-85 - OIL (Cause No. 102-16B)**
 SPUDDED IN
 COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION
 GRAVITY API
 GOR
 PRODUCING ZONES

TOTAL DEPTH
 WELL ELEVATION

DATE ABANDONED *NA - Application Rescinded 11-30-86*
 FIELD **GREATER CISCO**

UNIT
 COUNTY **GRAND**

WELL NO **FRAZIER 15-2** API #**43-019-31198**
 LOCATION **1668' FNL** FT FROM IN (S) LINE **1540' FEL** FT FROM (E) WELL LINE **SW NE** 1.4 - 1.4 SEC **15**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
21S	23E	15	MASTERS PETROLEUM				



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dee C. Hansen, State Engineer

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

January 11, 1985

Inc. Master Petroleum & Development Co.
814 South 7th Street
Grand Junction, CO 81501

Dear Applicant:

RE: TEMPORARY APPLICATION
NUMBER 01-222 (T60574)

Enclosed is a copy of approved Temporary Application Number 01-222 (T60574). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire June 1, 1985, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

A handwritten signature in cursive script that reads "Carl M. Staker".

FOR Dee C. Hansen, P. E.
State Engineer

DCH:slm

Encl.: Copy of approved Temporary Application

MASTER PETROLEUM & DEVELOPMENT CO., INC.

REC'D MDO FEB 27 1985

Complete Oil and Gas Land Management
Production Development

814 South 7th Street
Grand Junction, Colorado 81501
(303) 241-4213

RECEIVED
FEB 25 1985

1985 FEB 25 AM 10:00

DEPT. OF ENVIRONMENT
DIV. OF LAND MGMT.

2-19-85

Gentlemen,

Enclosed you will find our firms
"A.P.D.'s" for the Frazier 15-1 & 15-2
wells. TO DATE COPIES HAVE BEEN SUBMITTED
TO THE MURB DISTRICT OFFICE AND AN
ON SITE INSPECTION HAS TAKEN PLACE.
I TRUST YOU WILL FIND OUR PAPERWORK
IN ORDER. SHOULD YOU HAVE ANY QUESTIONS
PLEASE DO NOT HESITATE TO CONTACT OUR
OFFICE.

Thank you,
Thomas A. Alvarado

RECEIVED

MAR 05 1985

DIVISION OF OIL
GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REC'D MDD FEB 24 1985

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
 Master Petroleum & Development Co., Inc.

3. ADDRESS OF OPERATOR
 814 South 7th St. Grand Junction, Co. 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1668 feet FNL, 1540 feet FEL
 Sec. 15, T21S. R23E.
 At proposed prod. zone
 Salt wash

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 3 miles to Cisco, Utah *SW NE*

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

16. NO. OF ACRES IN LEASE
 40

17. NO. OF ACRES ASSIGNED TO THIS WELL
 10

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 N/A

19. PROPOSED DEPTH
 1200 feet *Maximum*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4376 feet

22. APPROX. DATE WORK WILL START*
 1/21/85

7. UNIT AGREEMENT NAME
 N/A

8. FARM OR LEASE NAME
 Frazier

9. WELL NO.
 Frazier 15-2

10. FIELD AND POOL, OR WILDCAT
 Greater Cisco area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 15, T21S. R23E. SLB&M

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4 inch	7 inch	24 pound	120 feet	50 sacks (cement to surface)
6 1/2 inch	4 1/2 inch	10 1/2 pound	1100 feet	135 sacks (cover formations)

Wells to be drilled to test salt wash formation, all shows encountered will be tested.

Blowout equipment to be used is 8" 900 series double gate Schaeffer Hydraulic type L.W.S. or equivalent.

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

DATE: 7/30/85

BY: John R. Dan

WELL SPACING: *Case No. 102-16B*

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

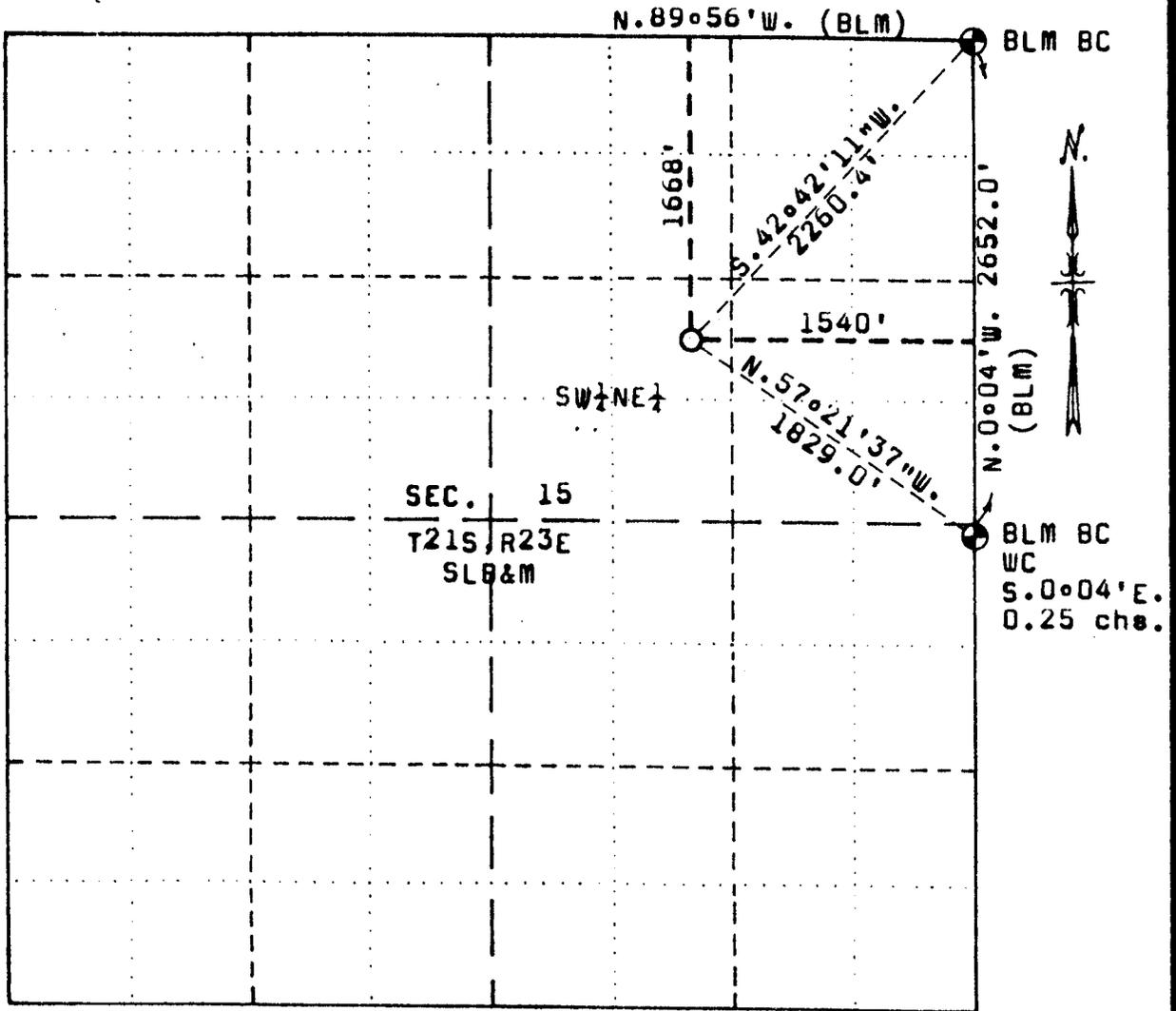
24. SIGNED *Thomas Akuel* 303-241-4213 TITLE *President* DATE *1-16-85*

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



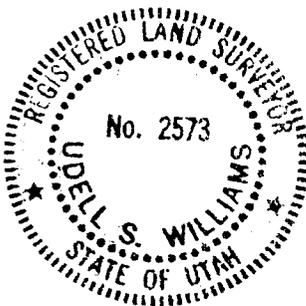
SCALE: 1" = 1000'

FRAZIER #15-2

Located 1668 feet from the North line and 1540 feet from the East line of section 15, T21S, R23E, SLB&M.

Elev. 4376

Grand County, Utah



SURVEYOR'S CERTIFICATE

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

Udell S. Williams
Utah R.L.S. No. 2573

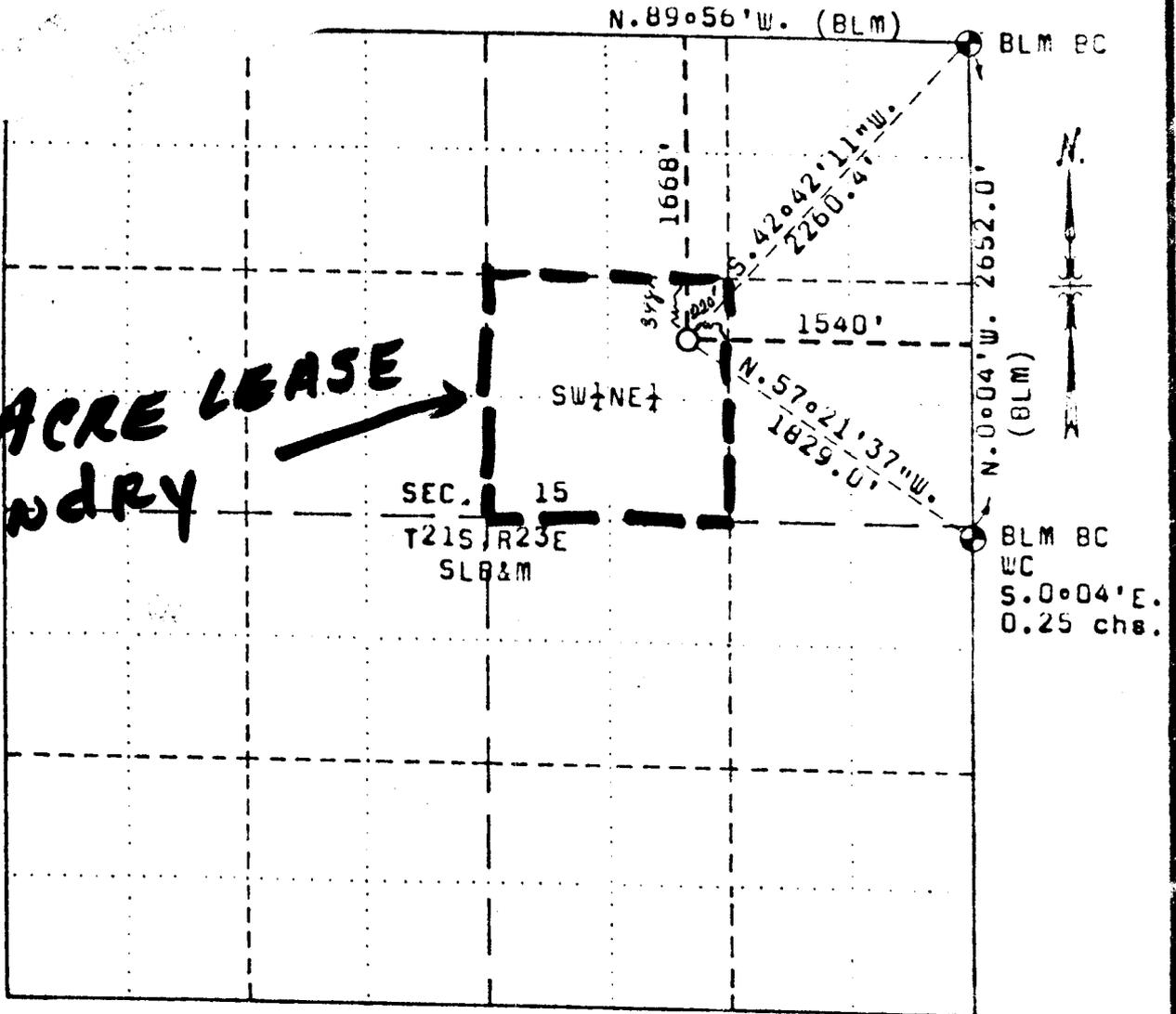


UDELL S. WILLIAMS
751 Rood Avenue
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
FRAZIER #15-2
SW 1/4 NE 1/4 SECTION 15
T21S, R23E, SLB&M

SURVEYED BY: USW DATE: 12/7/84
DRAWN BY: USW DATE: 12/7/84

**40 ACRE LEASE
boundary** →



SCALE: 1" = 1000'

FRAZIER #15-2

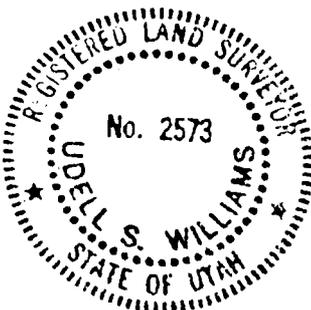
Located 1668 feet from the North line and 1540 feet from the East line of Section 15, T21S, R23E, SLB&M.

Elev. 4376

Grand County, Utah

RECEIVED

JUL 29 1985



SURVEYOR'S CERTIFICATE

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

Udell S. Williams
Utah R.L.S. No. 2573



UDELL S. WILLIAMS
DIVISION OF OIL, GAS & MINING
311 Road Avenue
Grand Junction, Colorado 81501

PLAT OF
PROPOSED LOCATION
FRAZIER #15-2
SW 1/4 NE 1/4 SECTION 15
T21S, R23E, SLB&M

SURVEYED BY USW DATE 12/7/84
DRAWN BY: USW DATE 12/7, 84

Master Petroleum & Development Co., Inc.
814 South Seventh St.
Grand Junction, Co. 81501

Grand Resource Area
Bureau of Land Management
U.S. Department of Interior
Moab, Utah 84523

Application for Master Petroleum & Development Co., Inc. to drill in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ section 15, T215 R23E, Grand County, Utah is set forth on form 9-331-C.

The purpose of this letter is to present the information required on the NTL-6 Regulation, (conditions for approval for permit) to drill.

A. Drilling Program:

1. Geological name of surface formation:

Cretaceous Mancos Shale

2. Geological formation tops:

Cretaceous	Mancos Shale	surface
	Dakota Sandstone	600'
	Cedar Mountain	700'
Jurassic	Morrison (brushy basin)	750'
	Morrison (salt wash)	1050'
	Total depth	1100'

3. Pressure control equipment:

BOP and manifold to be tested to one-thousand (1000) psi prior to drilling out of surface casing plug. Pipe rams will be operational and tested daily. Blind rams will be operational and tested on trips. BOP and manifold will be visually inspected daily. All tests will be recorded on a daily tour sheet. See BOP schematic.

4. Casing program:

See form 9-331-C

5. Drilling and circulating medium:

Operator plans to drill with air and air mist as far as possible, water base drilling fluid will be used in the event excessive formation water is encountered, to control or kill oil or gas flows and when running long string (4½', 10.5 lb. casing). It will consist of invert polymer type bio-degradable mud at 8.2 lb. per gallon. Weight and mud to 10 lb. per gallon will be provided if required. Potassium-Chloride(KCl) D.G. chemical will be added as required.

6. Coring, logging and testing program:

No coring or DST's are programmed. All logs to be run by a competent well logging service company. Electric logs consisting of a Dual Induction Laterlog(DIL), Compensated Neutron and Formation Density(CNFD), and Caliber Log(CL). If casing is set, a Cement Bond Log(CBL), and a Gamma Ray Log (GRL) may be run. All or a combination of these may be used in this well.

Drilling samples will be taken every ten(10) feet, starting one-hundred(100) feet above the Dakota Formation. Sample analysis will be provided by competent personnel.

7. Abnormal conditions, bottom hole pressures, and potential hazards:

The maximum bottom hole pressure expected is six-hundred(600) PSI, which will be compensated for by the BOP, and high pressure fittings and couplings. No Hydrogen-Sulfide problems are expected.

Auxillary equipment to control pressure will include a high pressure stand pipe valve, drill string and bit floats, drill pipe to full opening valve sub located on floor, and a Kelly cock.

8. The approximate starting date is January 7th 1985. All operations, including location work, spudding, and drilling, are anticipated to take ten(10) to twenty(20) days.

B. Thirteen Point Surface Use Plan

1. Existing roads:

- a) Proposed well site is staked.
- b) Proposed route to location and distance to nearest town:

The well site is located approximately three(3) miles north-west of Cisco, Utah. Exit from old Highway 6-50 at railroad crossing east of Cisco, turn west, and follow existing road parallel to tracks across to Cisco Wash, pass through wash under I-70 Highway and follow existing road to drill site, approximately one(1) mile from I-70. The length of new access road is approximately six-hundred(600) feet. The new access is on a flat surface and will be lightly bladed with top-soil saved for reclamation.

- c) Access road is dotted in red and existing roads are dotted in green. See map.
- d) None required for drilling. In the event of production, operator will work to maintain a graded and improved road year round. This will require cooperation with other operators in this area to maintain this road.

2. Planned access roads:

- a) width: 16' travel surface, 20' disturbed width. Any disturbed vegetation and top-soil will be windrowed for use during reclamation.
- b) Maximum grade: access route is flat.
- c) Turn-outs: None required
- d) Centerline of proposed access road is flagged.
- e) Drainage: none required, should production be established, the road will be upgraded to include ditch and crown.
- f) Surfacing material: none needed
- g) Other: All travel will be limited to existing access road right-of-way. Access road will be rehabilitated or brought to class III standards within sixty(60) days of completion of drilling.

3. Location of existing wells:

Producing wells in one(1) mile radius are: see map

Hafer	15-2	- Sec. 15	Wells & Coltharp	oil
Ambra	15-4	- Sec. 15	Damond Gilliland	gas
Ambra	15-5	- Sec. 15	Damond Gilliland	gas
Vanover		- Sec. 10	Dan Vanover	oil

4. Location of existing and/or proposed production facilities:

- a) On well pad; See attached pad schematic and production facility layout.
- b) Off well pad: No production facilities to be located off well pad, except a production line should gas be produced. A determination for gas line route would then be determined from right-of-way information after same was obtained from BLM.

All permanent production facilities will be painted using one of the colors on the attached list.

All open and exposed pits will be fenced to protect livestock and wildlife, an earthen fire bunker will be built around any tanks with sufficent capacity to contain 150% of the tank volume.

The reserve pit and any portion of the location or access road not needed for production will be rehabilitated.

5. Location and type of water supply:

Colorado River at Fish Ford, south-east of Cisco, Utah per permit from state of Utah(see attached copy). Water will be transported by tank truck utilizing existing roads. No water well is planned or needed.

6. Construction material:

Should any such materials be required, they will be provided from a private source. However, no materials are planned. Mancos Shale surface bladed and packed roads are best for this area.

7. Method of handling waste disposal:

Cuttings and drilling fluids will be discharged into the reserve pit. A portable chemical toilet will be provided for sewage. Garbage and waste materials will be placed in a trash cage and hauled away when work is completed.

Produced fluids (oil and water) will be placed in tanks and pits. The blowey line will be one-hundred and twenty-five (125) feet long angled into the pit. It will be anchored and misted while drilling with air.

If any material is to be burned a permit will be obtained from the State Land Forestry and Fire Control office in Moab, Utah prior to burning.

8. Auxillary facilities:

None anticipated

9. Well site layout:

The well site is flat and requires no cut and fill. Any disturbed vegetation and top-soil will be stockpiled on the south-east side of the location.

The reserve/blowey pit will be fenced on three sides while drilling, the fourth side will be fenced after drilling is completed. Fence will be 36" high, woven wire with one strand of barbed wire on top.

See well pad schematic.

Pits are unlined.

10. Restoration plan:

- a) Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris from the operation. All trash will be disposed of in a portable trash cage and will be hauled to a local town dumpsite. No trash will be left in the pits.
- b) The operator or his contractor will notify the Grand Resource Area BLM office in Moab, Utah, four (4) to eight (8) hours prior to starting rehabilitation work that involves earth moving equipment. The Grand Resource office will again be notified upon completion of restoration.

10. Restoration plan(cont.):

- e) Prior to dirtwork restoration the reserve/ blowey pits will be dry and free of debris.
- d) All stockpiled top-soil will be distributed over the rehabilitation area. All rehabilitated areas will be scarified to provide a proper seed bed.
- e) Rehabilitated area will be reseeded using a mixture approved by the BLM(see attached list), between October 15th and November 15th. If seed is broadcast, it will be harrowed to cover the seed, otherwise seed will be drilled.
- f) If well is completed as a producer, any unused areas will be rehabilitated.
- g) If there is any oil in the pit, it will be removed.
- h) Rehabilitation will be completed within sixty (60) days of abandonment.

11. Other information:

- a) The location is a desert area, with minimal vegetation. However, livestock graze here in the Spring and Fall. The town of Cisco lies three(3) miles south-east, with few residents. There is no evidence of anything of historical, cultural, or archeological value, other than the old railroad bed in the area of the location.

Attached, please find a copy of cultural clearance completed by a competent firm.

- b) The Grand Resource Area office will be contacted forty-eight(48) hours prior to any work initiation on public lands.
- c) Operators, and contractors will be furnished an approved copy of the surface use plan with stipulations prior to commencing work.
- d) If any cultural material is exposed during work, such will stop and the Grand Resource office will be notified. All persons on site will be notified of possible prosecution if they disturb archeological sites or remove artifacts.

12. Operator:

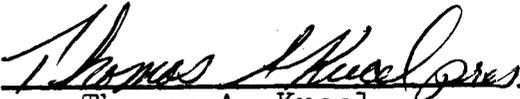
Master Petroleum & Development Co., Inc.
814 South Seventh St.
Grand Junction, Co. 81501
Telephone(303) 241-4213
Attention: Thomas A. Kucel

Master Petroleum has a statewide bond for operating in the state of Utah.

13. Certification:

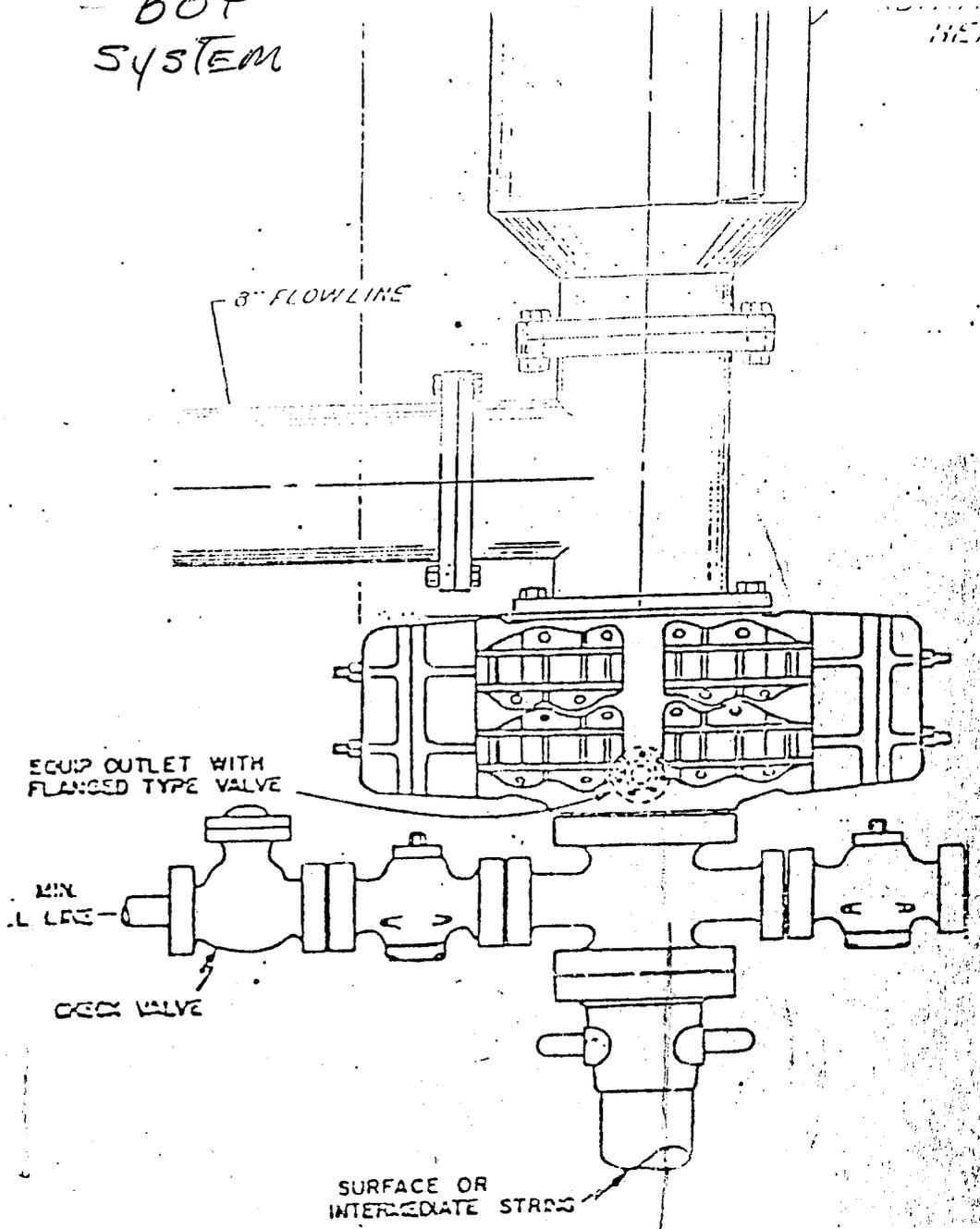
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Master Petroleum & Development Co., Inc. and its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

1-16-85
Date


Thomas A. Kucel
President
Master Petroleum &
Development Co., Inc.

BOP SYSTEM

HEAD





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs:

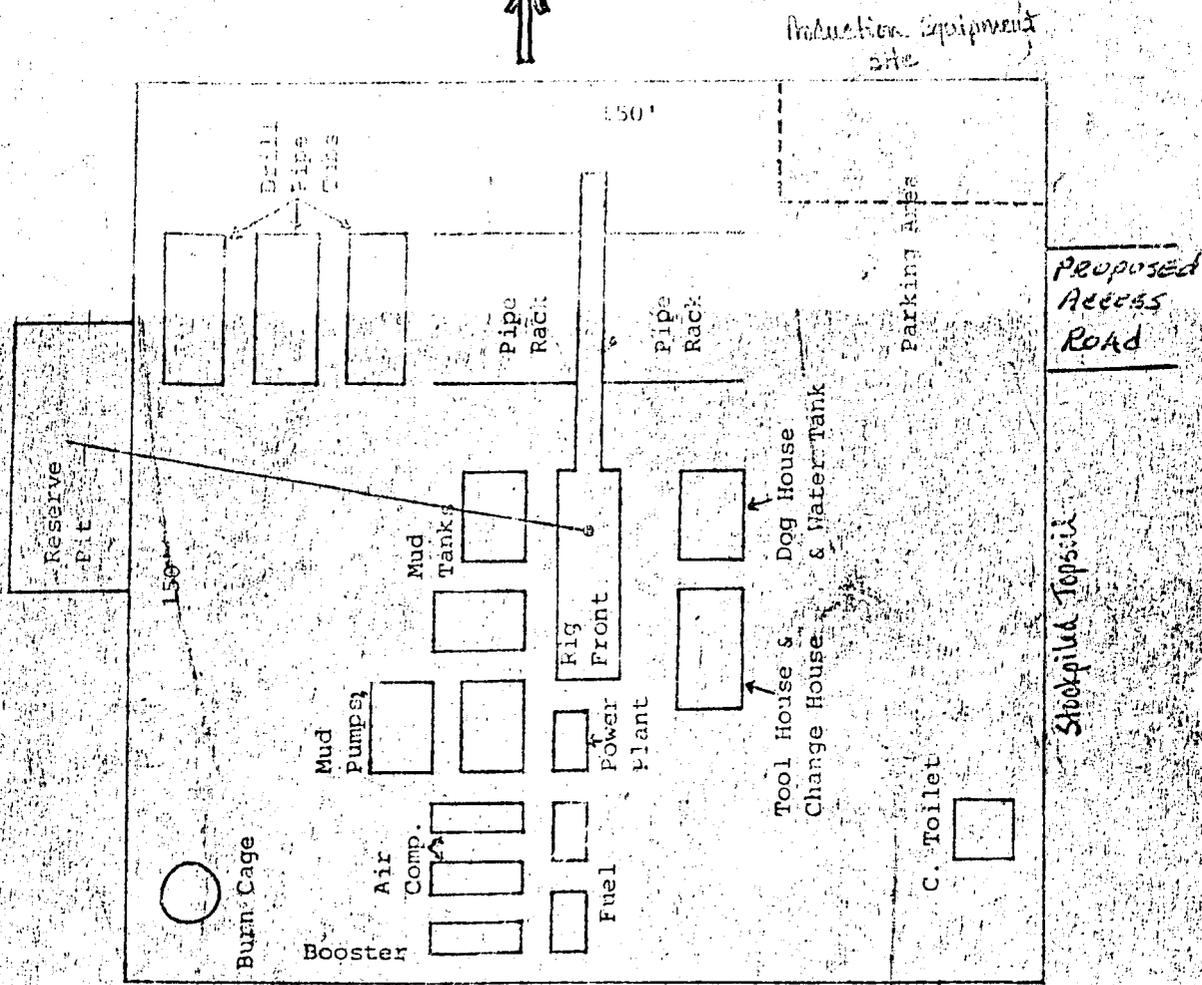
- Dynasty Green (Sears)
- Tumbleweed (Pratt & Lambert)
- ~~_____~~
- Sage Gray (Pratt & Lambert)

Bookcliffs Region:

- Sage Gray (Pratt & Lambert)
- Sea Life (Pratt & Lambert)
- Dynasty Green (Sears)

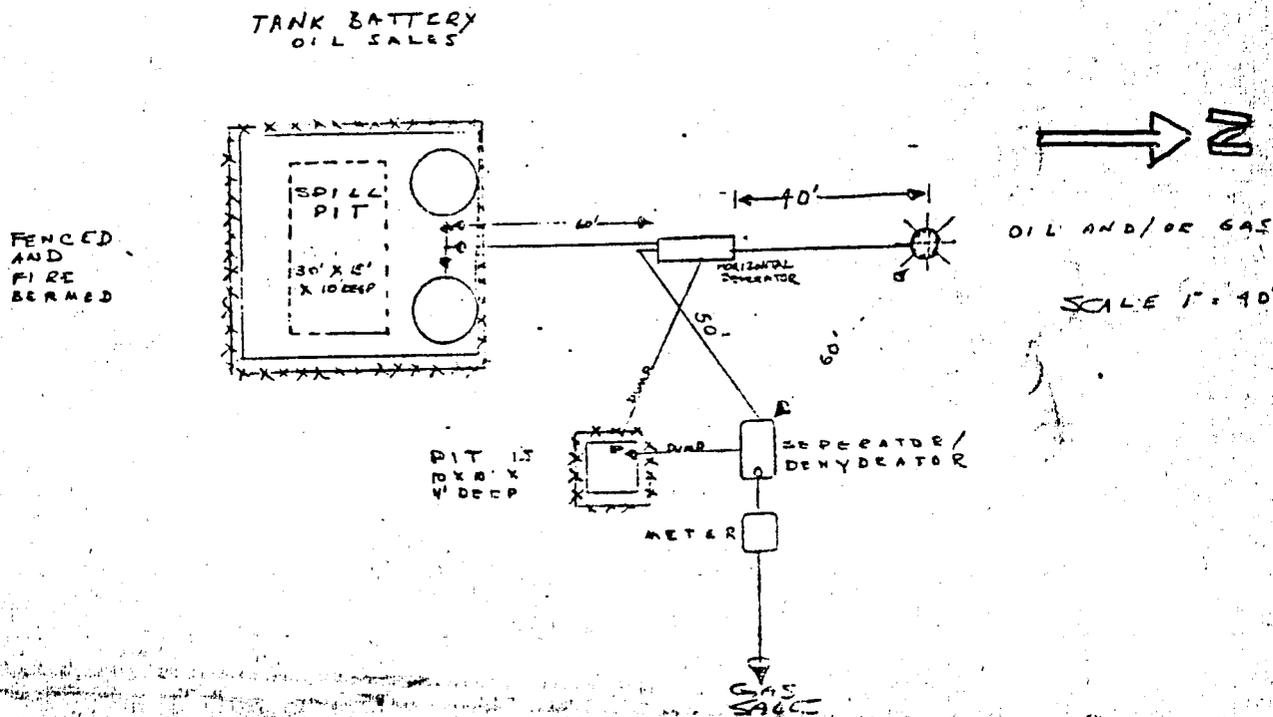
Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

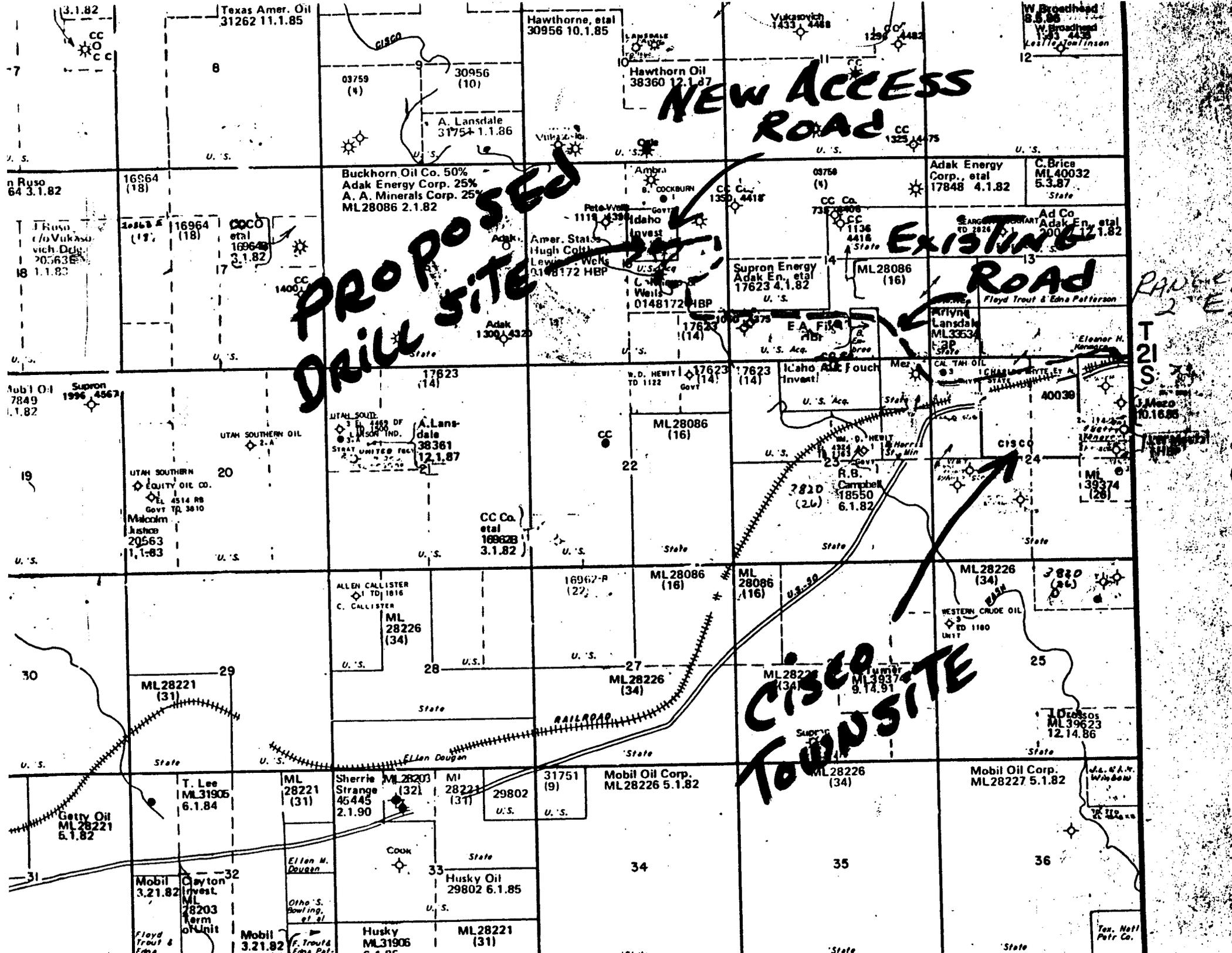
WELL PAD SCHEMATIC



Scale: 1" = 30 ft.

Proposed Production Facility Layout





Texas Amer. Oil
31262 11.1.85

Hawthorne, et al
30956 10.1.85

Hawthorn Oil
38360 12.1.87

30956
(10)

A. Lansdale
31754 1.1.86

NEW ACCESS ROAD

PROPOSED DRILL SITE

EXISTING ROAD

CISCO TOWNSITE

RANGE
2 E
T
21 S

3.1.82
CC
O
C
C

n Ruso
64 3.1.82

J Ruso
t/o Vukaso
vich, Dely
20563
1.1.83

Subl Oil
7849
1.1.82

UTAH SOUTHERN
EQUITY OIL CO.
EL 4514 RB
GOVT TR 3810
Malcolm
JAMESON
20563
1.1.83

Getty Oil
ML28221
5.1.82

Mobil
3.21.82

16964
(18)

16964
(18)
COCO
etal
16964
3.1.82

Supron
1996 4567

UTAH SOUTHERN OIL
2.A

ML28221
(31)

T. Lee
ML31905
6.1.84

Mobil
3.21.82

Buckhorn Oil Co. 50%
Adak Energy Corp. 25%
A. A. Minerals Corp. 25%
ML28086 2.1.82

Amer. States
Hugh Colth
Levin, Wells
0148172 HBP

UTAH SOUTH.
3 E. 455 DF
LANSDALE IND.
3.A
STRAIT UNITED
A. Lansdale
38361
12.1.87

ALLEN CALLISTER
TD 1016
C. CALLISTER
ML 28226
(34)

Sherrie
Strange
45445
2.1.90

Husky
ML31905
(31)

Adak Energy
Corp., et al
17848 4.1.82

Supron Energy
Adak En., et al
17623 4.1.82

Idaho
ML 28086
(16)

Idaho
ML 28086
(16)

ML 28086
(16)

ML 28226
(34)

Mobil Oil Corp.
ML28226 5.1.82

Mobil Oil Corp.
ML28226 5.1.82

Husky Oil
29802 6.1.85

Husky Oil
29802 6.1.85

Ad Co
Adak En., et al
2004 12.1.82

Ad Co
Adak En., et al
2004 12.1.82

Idaho
ML 28086
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Idaho
ML 28086
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ML 28086
(16)

ML 28226
(34)

Mobil Oil Corp.
ML28226 5.1.82

Mobil Oil Corp.
ML28226 5.1.82

Husky Oil
29802 6.1.85

Husky Oil
29802 6.1.85

C. Brice
ML40032
5.3.87

Ad Co
Adak En., et al
2004 12.1.82

Idaho
ML 28086
(16)

Idaho
ML 28086
(16)

ML 28086
(16)

ML 28226
(34)

Mobil Oil Corp.
ML28226 5.1.82

Mobil Oil Corp.
ML28226 5.1.82

Husky Oil
29802 6.1.85

Husky Oil
29802 6.1.85

NICKENS and ASSOCIATES

P.O. Box 727

Montrose, Colorado 81402

Phone: (303) 249-3411

December 13, 1984

Mr. Jerry Anderson
Master Petroleum Company
814 South 7th Street
Grand Junction, Colorado 81501

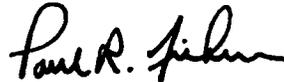
Dear Mr. Anderson:

We have completed cultural resources inspections of the Frazer 15-1 and 15-2 locations, located northwest of Cisco in Grand County, Utah. No new cultural resource sites were noted in the proposed impact areas; however, a previously recorded historic site, 42GR935, was observed to be adjacent to the locations. Recommendations for avoidance of this site are included on the enclosed copy of the Bureau of Land Management Summary Report of Inspection for Cultural Resources. Copies of the report have been forwarded to the appropriate review offices.

Our invoice for the work is also attached.

If you have any questions concerning the work or the results, please do not hesitate to contact me.

Sincerely,

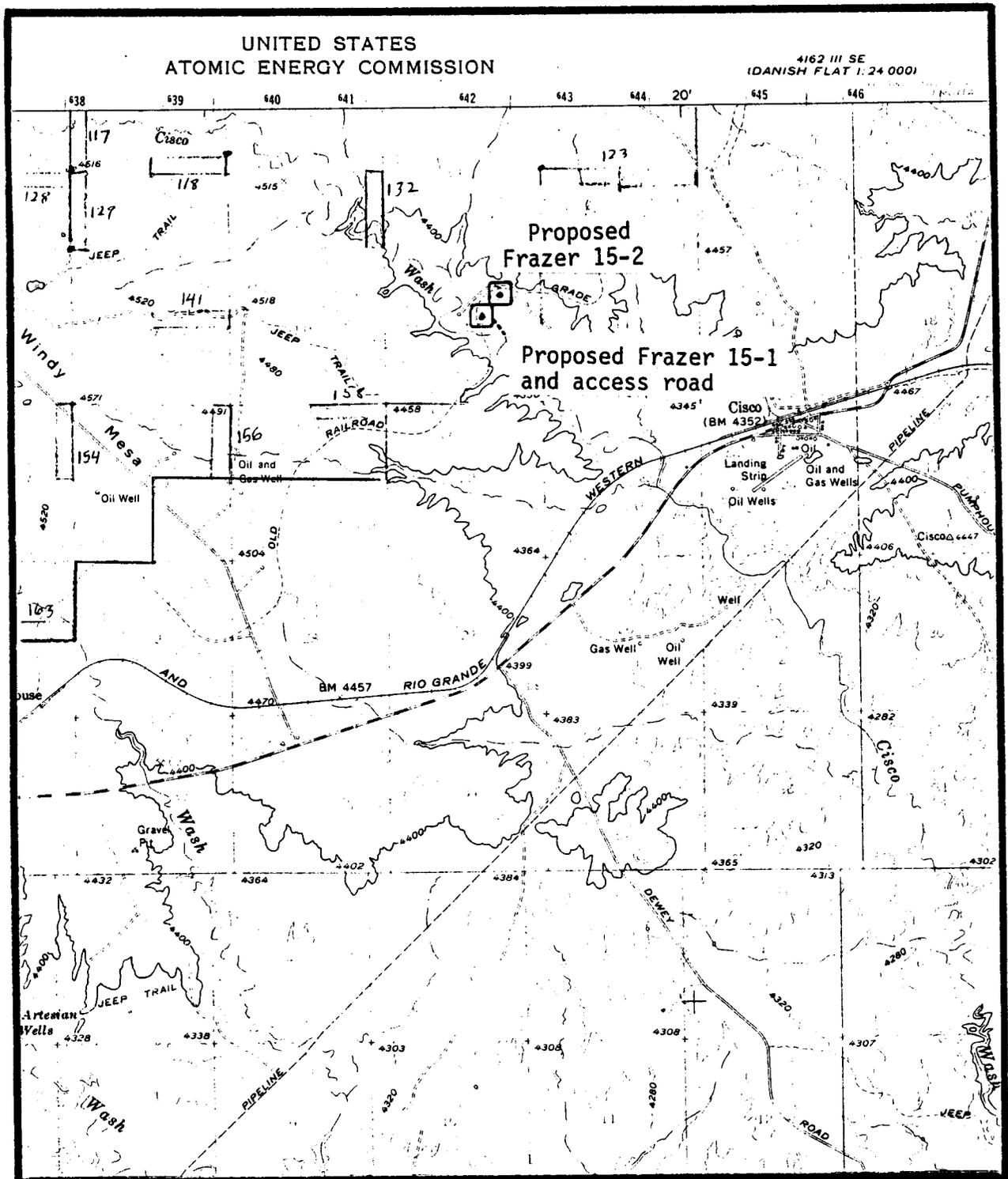


Paul R. Nickens, Ph.D.
Principal Investigator

PRN/km

Attachment

cc: BLM - Grand Resource Area
BLM - Moab District Office
Utah State Antiquities Section



Location of Master Petroleum's proposed Frazer 15-1 and Frazer 15-2. Section 15, Township 21 South, Range 23 East, Salt Lake P.M., Grand County, Utah.

USGS Cisco, Utah 15' Quadrangle (1958).

<u>Grasses</u>		<u>lbs/acre</u>
Hilaria jamesii	Galleta (Curlygrass)	2
Sporobolus airoides	Alkali sacaton	2
<u>Forbs</u>		
Aster chilensis	Pacific aster	.5
Helianthus annuus	Common sunflower (Kansas sunflower)	.5
Sphaeralcea coccinea	Scarlet globemallow	.5
<u>Shrubs</u>		
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>
		6.5 lbs/acre

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)



United States Department of the Interior

IN REPLY REFER TO

3104
(U-942)

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

DEC 18 1984

DECISION

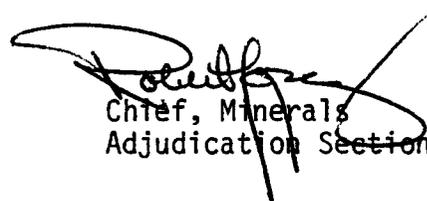
Master Petroleum and Development : \$25,000 Statewide
Company, Inc. : Oil and Gas Bond
814 S. 7th Street :
Grand Junction, Colorado 81501 :

Bond Accepted

A \$25,000 statewide oil and gas bond, No. 43-45-57, was filed in this office December 7, 1984. The bond was executed October 29, 1984, with Master Petroleum and Development Company, Inc. as principal and New Hampshire Insurance Company as surety.

This bond constitutes coverage in the State of Utah for obligations under oil and gas leases held or hereafter acquired by the principal, including lease offers, assignments, operating agreements, etc., issued under the authority of the Minerals Leasing Act of 1920, as amended, and the Mineral Leasing Act for Acquired Lands, as amended. The bond is satisfactory and is hereby accepted effective December 7, the date of filing.

Coverage under your statewide bond will not, however, extend to include additional principals, and the coverage does not extend to any lands where the principals are or become the unit operator but do not own the record title or operating rights in such lands either solely or jointly with others whose interests are likewise covered by appropriate bonds.


Chief, Minerals
Adjudication Section

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we Master Petroleum & Development Co, Inc.

of 814 S 7th St., Grand Junction, CO 81501

as principal, and New Hampshire Insurance Company

of Manchester, NH

as surety, are held and firmly bound unto the United States of America in the sum of **Twenty-Five Thousand and 00/100**----- dollars (\$ **25,000.00**-----), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

1. UTAH

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

OPERATOR Master Petroleum & Development DATE 3-7-85

WELL NAME Trayer 15-2

SEC SW NE 15 T 21S R 23E COUNTY Grand

43-019-31198
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within 400'
Water & - T 01-222 (T60574)

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

102-16B 11/15/79
CAUSE NO. & DATE

c-3-b

c-3-c

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

July 30, 1985

Master Petroleum & Development Co., Inc.
814 South 7th Street
Grand Junction, Colorado 81501

Gentlemen:

Re: Well No. Frazier 15-2 - SW NE Sec. 15, T. 21S, R. 23E
1668' FNL, 1540' FEL - Grand County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with the Order of Cause No. 102-16B dated November 15, 1979.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31198.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

an equal opportunity employer



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

October 17, 1985

Mr. Jerry Anderson
Master Petroleum & Development Co, Inc.
814 South Seventh Street
Grand Junction, Colorado 81501

*Master Petroleum
Frazier 15-2*

Dear Mr. Anderson:

Re: Wells in Sec. 15, T. 21S, R. 23E, Grand County, Utah

Based on my recent conversations with you, the Division staff has reviewed the situation concerning the well no. Frazier 15-1 in the referenced section. A closer look at the language and intent of the Order in Cause No. 102-16B has led us to determine that the Frazier 15-1 well can be completed and produced. A copy of the order is enclosed for your information.

Additionally, we have determined that because the Frazier 15-1 will be completed as a gas well, the two proposed wells for which you have received approval to drill, cannot now be drilled because of their proximity to an existing gas well. Therefore, we will have to suspend approval to drill the well no. Frazier 15-2 located 1668' FNL, 1540' FEL of section 15 and the well no. MPD 15-3 located 2440' FNL, 2440' FWL of the same section. You will receive notice of these suspensions by separate letter.

The Order in Cause No. 102-16B dated November 15, 1979 states that all wells drilled for oil or gas in specific sections of the Greater Cisco area must comply with the following well locating rules:

1. Wells shall be no less than 500' from any property or lease line.
2. Wells shall be no less than 200' from the boundary of a governmental quarter-quarter section or equivalent lot or tracts.
3. Wells shall be no less than 400' from any oil well.
4. Wells shall be no less than 1320' from any gas well.

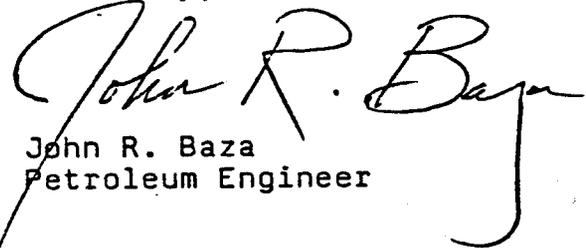
Page 2
Mr. Jerry Anderson
October 17, 1985

It is our determination that the Frazier 15-1 well does comply with the intent of this order and that it may be allowed to produce as previously stated. However, by the same reasoning, the two other proposed wells in the same section for which your company has obtained approval to drill cannot now be drilled in compliance with this order. To do so would allow the proposed wells to be closer than 1320' to an existing gas well.

In order to be allowed to drill the two proposed wells, Master Petroleum must submit a petition to the Board of Oil, Gas and Mining for a hearing to request an exception to the requirements of the order. At the hearing, sufficient evidence or testimony must be given to show that the requested action will not cause waste, will protect correlative rights and will promote orderly development of the hydrocarbon resource. I have enclosed information on the requirements for submitting such a petition to the Board.

As I mentioned on the phone, the Division will probably make a request to the Board in the near future to consider modification to the existing order. We appreciate your offer of technical assistance in this regard. Thank you for your consideration in this matter and please contact me if you have additional questions.

Sincerely,



John R. Baza
Petroleum Engineer

jmc
enclosure
cc: D.R. Nielson
R.J. Firth
Well Files
0155T-44-45



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

October 25, 1985

Master Petroleum & Development Company
814 South Seventh Street
Grand Junction, Colorado 81501

Gentlemen:

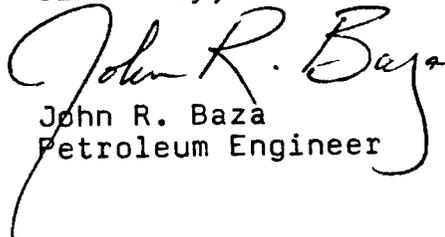
RE: Well No. Frazier 15-2, API NO. 43-019-31198, Sec.15, T.21S,
R.23E, Grand County, Utah

As stated in a recent letter to you dated October 17, 1985, approval to drill the referenced well is hereby suspended until the Board of Oil, Gas and Mining allows an exception to the requirements of the order establishing well siting in the area.

It is the responsibility of your company, as operator of the proposed well, to petition the Board for a hearing to determine whether an exception can be granted. Upon approval of the exception, approval to drill will be reinstated.

If you have any questions regarding this matter, please contact this office. Thank you for your cooperation.

Sincerely,


John R. Baza
Petroleum Engineer

sb

cc: D.R. Nielson
R.J. Firth
Well File

0155T-55



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 Trad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

110315

October 30, 1986

Master Petroleum & Development Company
814 South Seventh Street
Grand Junction, Colorado 81501

Gentlemen:

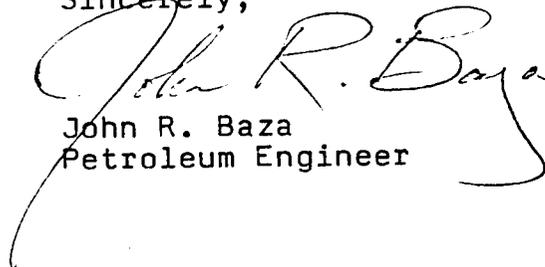
RE: Well No. Frazier 15-2, Sec.15, T.21S, R.23E, Grand County, Utah,
API NO. 43-019-31198

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, a new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

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

Sincerely,



John R. Baza
Petroleum Engineer

sb
cc: D. R. Nielson
R. J. Firth
✓ Well file
0327T-17