

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **7-1-87**

LAND FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO **U-50955** INDIAN

DRILLING APPROVED **7-9-87**

SPUDED IN
COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED **O/A 7-10-89**

FIELD **WILDCAT**

UNIT

COUNTY **GARFIELD**

WELL NO **LONE CEDAR FEDERAL 21-14** API #**43-017-30133**

LOCATION **762' FNL** FT. FROM (N) (S) LINE. **1889' FWL** FT. FROM (E) (W) LINE **NE NW** 14 - 14 SEC **14**

TWP.	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
------	-----	-----	----------	-----	-----	-----	----------

31S	12E	14	BATAA OIL, INC.				
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Bataa Oil, Inc

3. ADDRESS OF OPERATOR
5401 W. 10th Street, Greeley, CO 80634

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface Township 31 South, Range 12 East
Section 14: 762' FNL & 1889' FWL
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Twenty-two miles south of Hanksville

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
762'

16. NO. OF ACRES IN LEASE
8960

17. NO. OF ACRES ASSIGNED TO THIS WELL
40-

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2744'

19. PROPOSED DEPTH
5500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4899' GR

22. APPROX. DATE WORK WILL START*
8/10/87*

23. PROPOSED CASING AND CEMENTING PROGRAM (see drilling plan)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5	200'	250 sacks Est fill-200'
11"	8 5/8"	24.0	1300'	250 sacks Est fill-300'
7 7/8"	5 1/2"	15.5	5500'	500 sacks Est fill-800'

1. Drill 17 1/2" surface hole and set 13 3/8" casing to 200' with returns to surface
2. Drill 11" hole to 1300' or into the Chinle, set 8 5/8" casing if necessary.
3. Drill 7 7/8" hole to 5500' or into the Desert Creek Formation.
4. Core two 30' sections of the Desert Creek, run Density/Porosity, Dual Induction and Sonic logs, DST if logs are promising.
5. Run 5 1/2" casing from surface or bottom of 8 5/8" casing, to T.D., bond log and perforate, stimulate if needed.

EXHIBITS ATTACHED:

- A. Drilling Program
- B. Thirteen-Point Surface Use Plan
- C. Blowout Preventer Diagram
- D. Access Road Map To Location
- E. Existing Road Map
- F. Drill Pad Layout-Cut and Fill Section
- G. One Mile Radius Map
- H. Archeologist's Site Report
- I. Proposed Production Facilities.
- J. Designation of Operator/

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 Carl Friis Carl Friis TITLE Land Manager DATE 6/24/87

(This space for Federal or State office use)

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

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____
DATE 7-9-87
BY: John R. Bay

WELL SPACING: 302

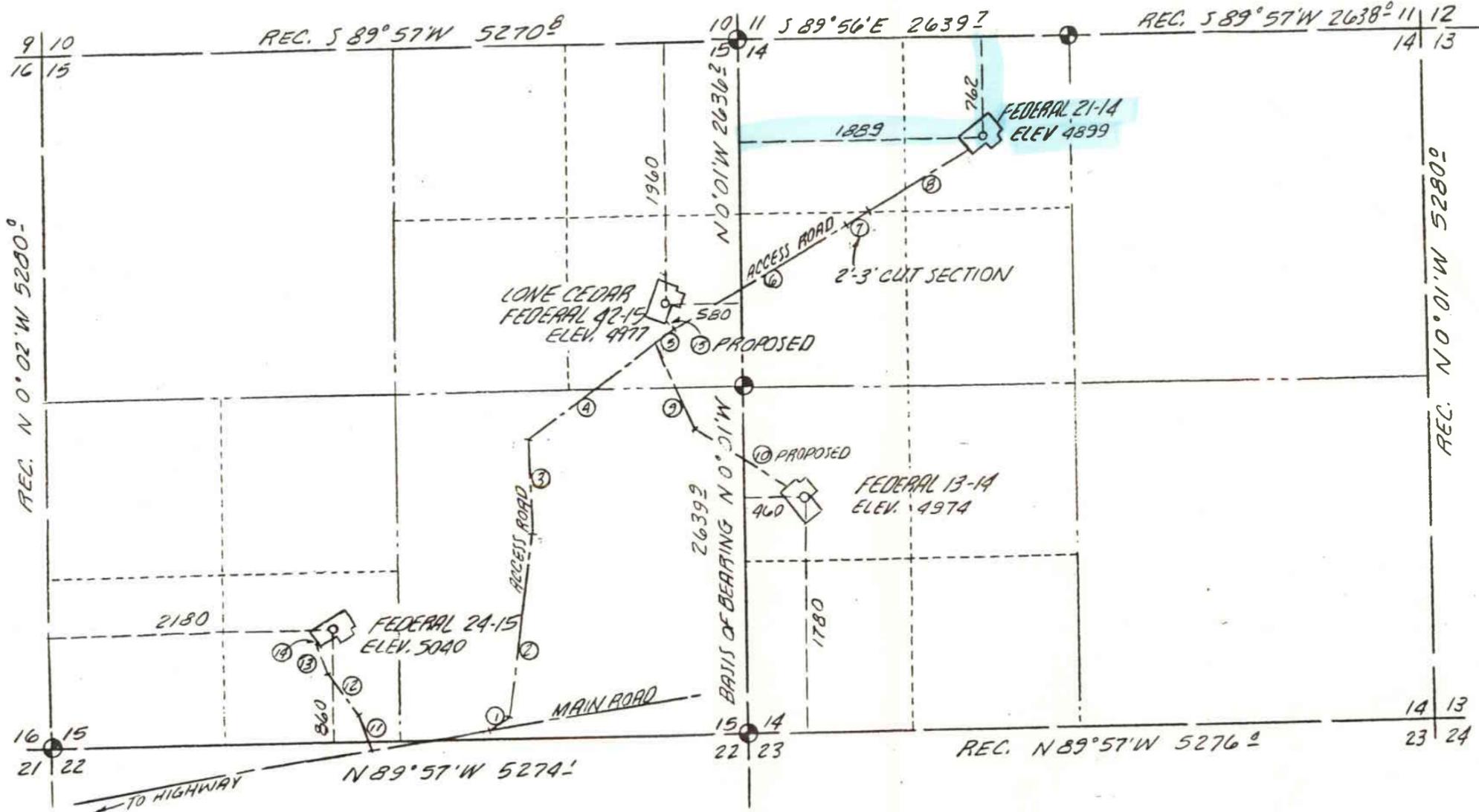
*See Instructions On Reverse Side

RECEIVED
JUL 01 1987

DIVISION OF
OIL, GAS & MINING

BEARINGS FROM W. LINE SEC. 14 (N 0° 01' W)

T315



T315

PREPARED BY
KEOGH SURVEYING
MOAB, UTAH BK-82

Timothy M. Keogh
UTAH RLS #7692

NO. 7692
TIMOTHY M. KEOGH
STATE OF UTAH

LEGEND

- FOUND G.L.O. B.C., 1922
- WELL LOCATION

NOTE: ELEVATIONS FROM U.S.G.S.
TOPO QUAD "BULL MTN. UT. *1952
(S.W. COR. SEC. 16 = 5042).
OBTAINED BY VERTICAL ANGLES.

ACCESS ROAD COURSES

- | | |
|-----------------------------------|--|
| 1) N 53° 44' E 202 ³ | 9) S 22° 59' E 718 ² |
| 2) N 8° 00' E 1418 ⁴ | 10) S 56° 13' E 843 ⁸ , TO BE CONSTRUCTED |
| 3) N 1° 21' W 705 ⁹ | 11) N 10° 42' W 271 ³ |
| 4) N 53° 33' E 1202 ⁷ | 12) N 36° 16' W 381 ⁵ |
| 5) N 60° 40' E 154 ⁸ | 13) N 25° 12' W 273 ² |
| 6) N 59° 31' E 1547 ⁰ | 14) N 55° 11' E 40 ² |
| * 7) N 59° 34' E 209 ² | 15) N 25° 46' W 98 ¹ , TO BE CONSTRUCTED |
| 8) N 58° 50' E 891 ² | |

* THIS COURSE TO BE CUT 2'-3', 3:1 SLOPES MAX.

EXHIBIT D

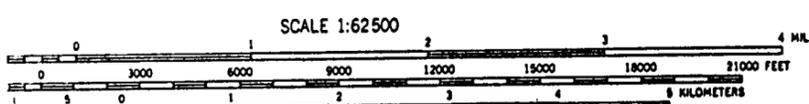
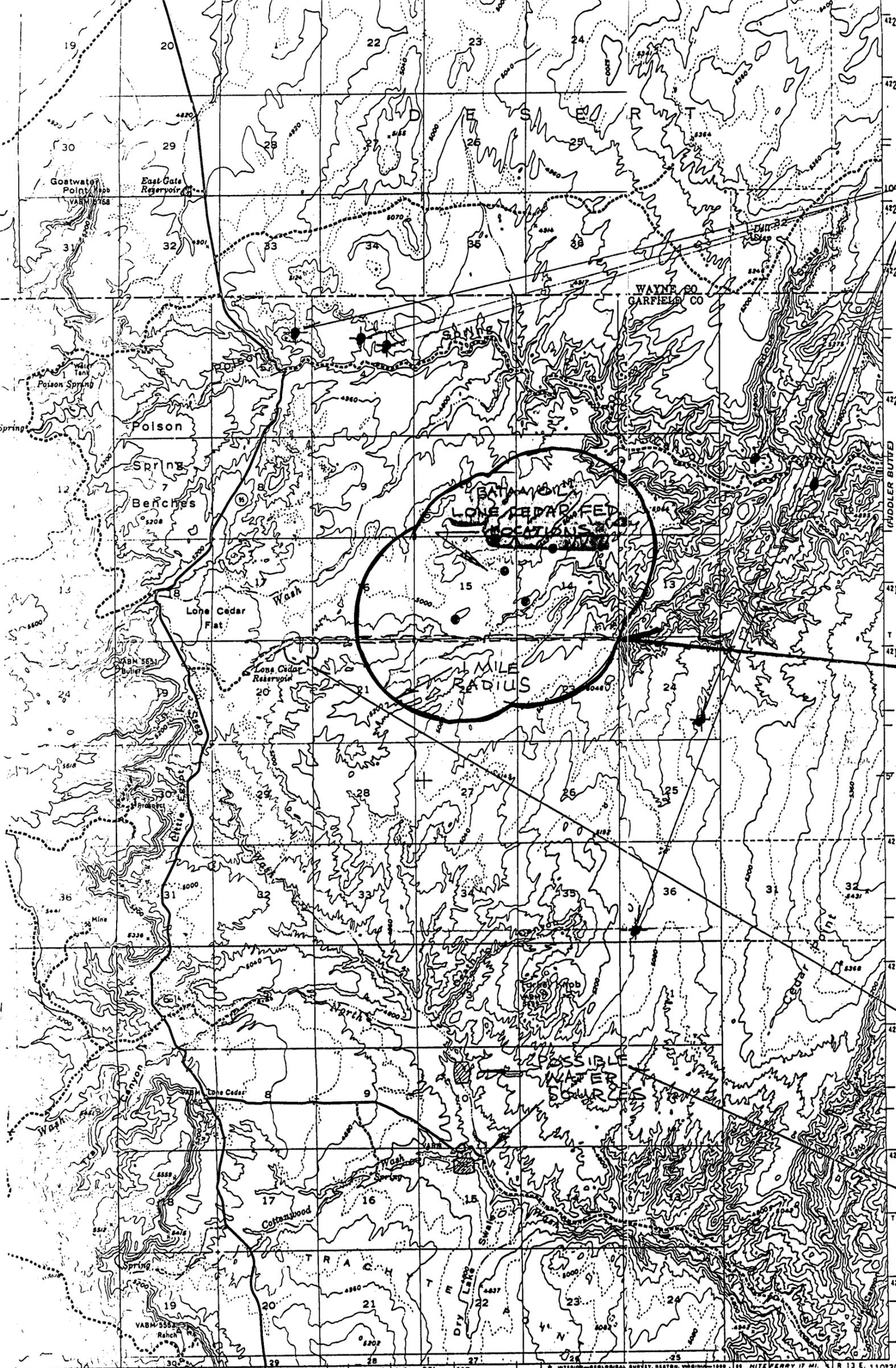
WELL LOCATION PLAT
OF: LONE CEDAR FED. 42-15
FEDERAL 21-14
FEDERAL 13-14
FEDERAL 24-15
IN SEC'S 14 & 15, T31S, R12E, S.L.B. & M
GARFIELD CO., UTAH

PREPARED FOR
— BATAA OIL, INC. —
SCALE: 1" = 1000' JUNE 15, 1987

One Mile Radius
Map From Staked
Well Locations

Abandoned Oil
And Gas Test
Wells-From
Petroleum I
-mation, Inc.

Combined One
Mile Radii
From Locations
Staked By
Bataa Oil, Inc



CONTOUR INTERVAL 80 FEET
DASHED LINES REPRESENT 40-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929



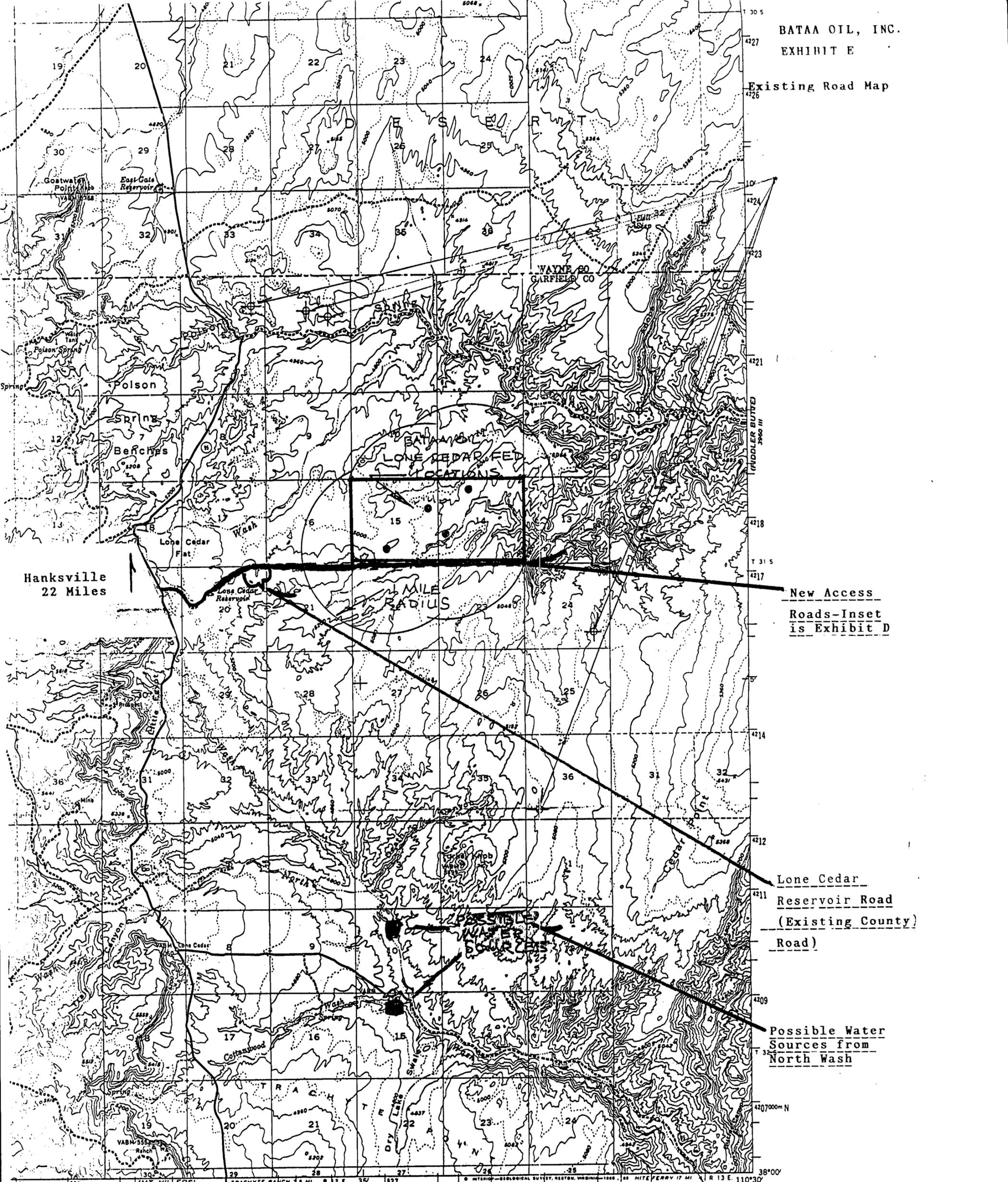
ROAD CLASSIFICATION
Light-duty ——— Unimproved dirt - - - - -
○ State Route

BULL MOUNTAIN, UTAH
N3800-W11030/15
1952

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

DMA 3860 II-SERIES V797

Existing Road Map
4226



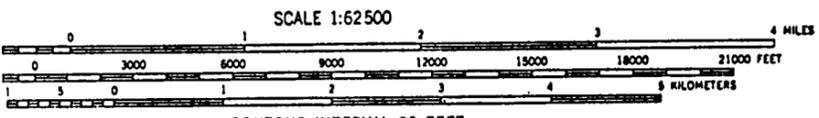
Hanksville
22 Miles

1 MILE
RADIUS

New Access
Roads-Inset
is Exhibit D

Lone Cedar
Reservoir Road
(Existing County
Road)

Possible Water
Sources from
North Wash



SCALE 1:62500

ROAD CLASSIFICATION
Light-duty ————— Unimproved dirt - - - - -
○ State Route

CONTOUR INTERVAL 80 FEET
DASHED LINES REPRESENT 40-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929



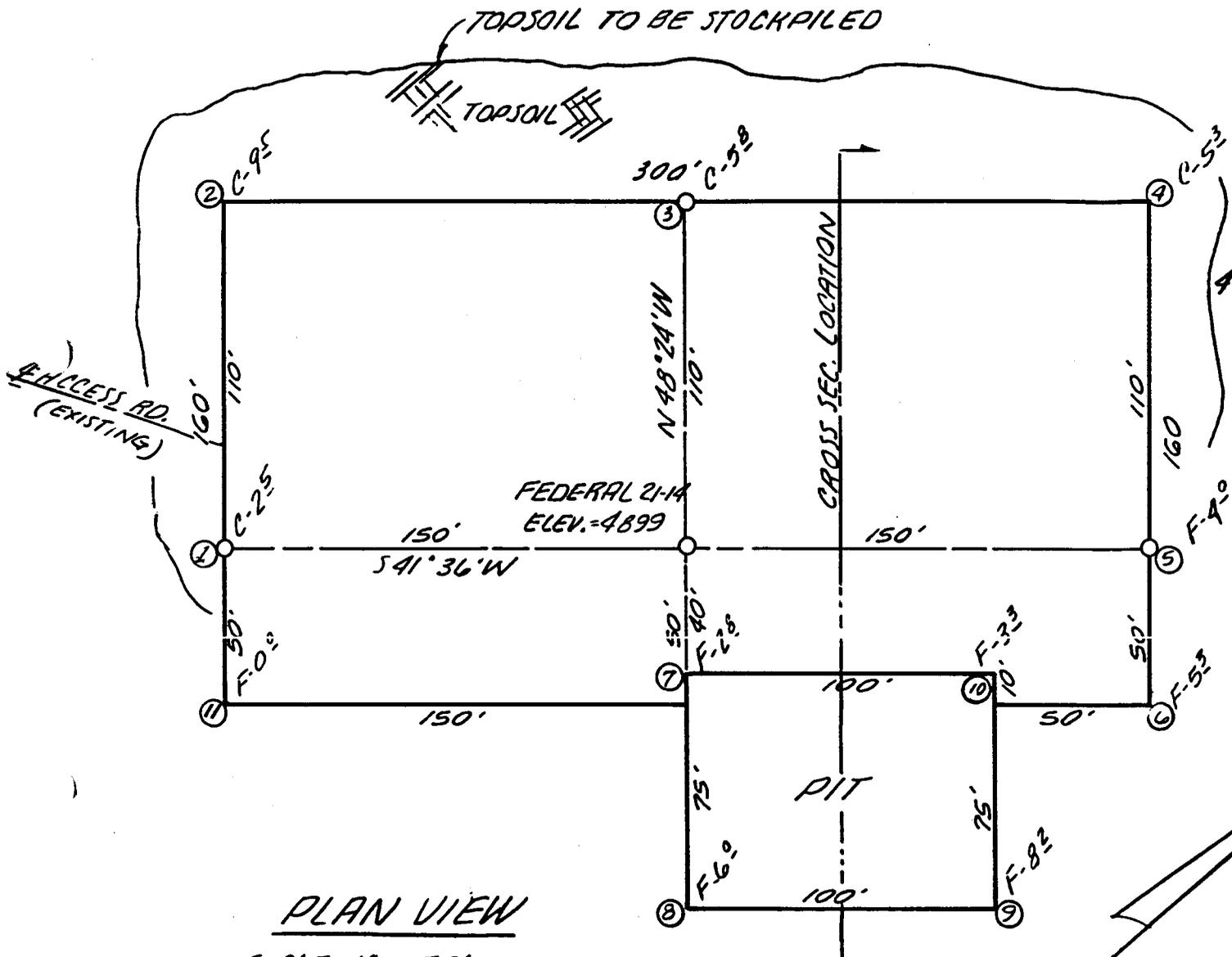
BULL MOUNTAIN, UTAH
N3800-W11030/15
1952

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

DMA 3860 II-SERIES V797

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DIVISION OF
OIL, GAS & MINING

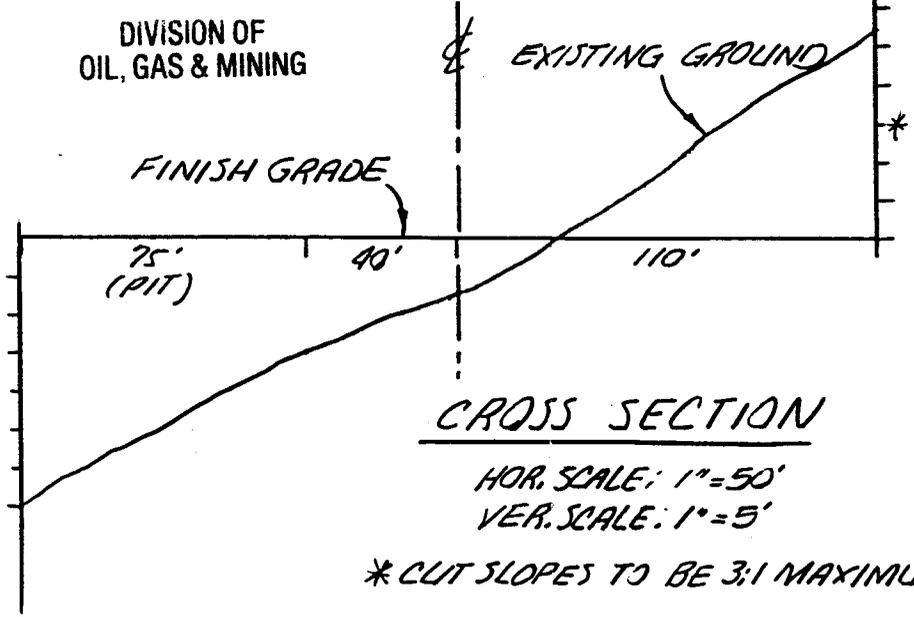


PLAN VIEW

SCALE 1" = 50'

LEGEND

- SET SPIKE (3/8" x 10")
- ⊙ POINT REFERENCE NO



CROSS SECTION

HOR. SCALE: 1" = 50'
VER. SCALE: 1" = 5'

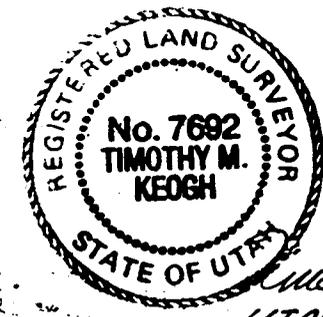
* CUT SLOPES TO BE 3:1 MAXIMUM!

— FOR: BATAA OIL, INC. —

EXHIBIT F

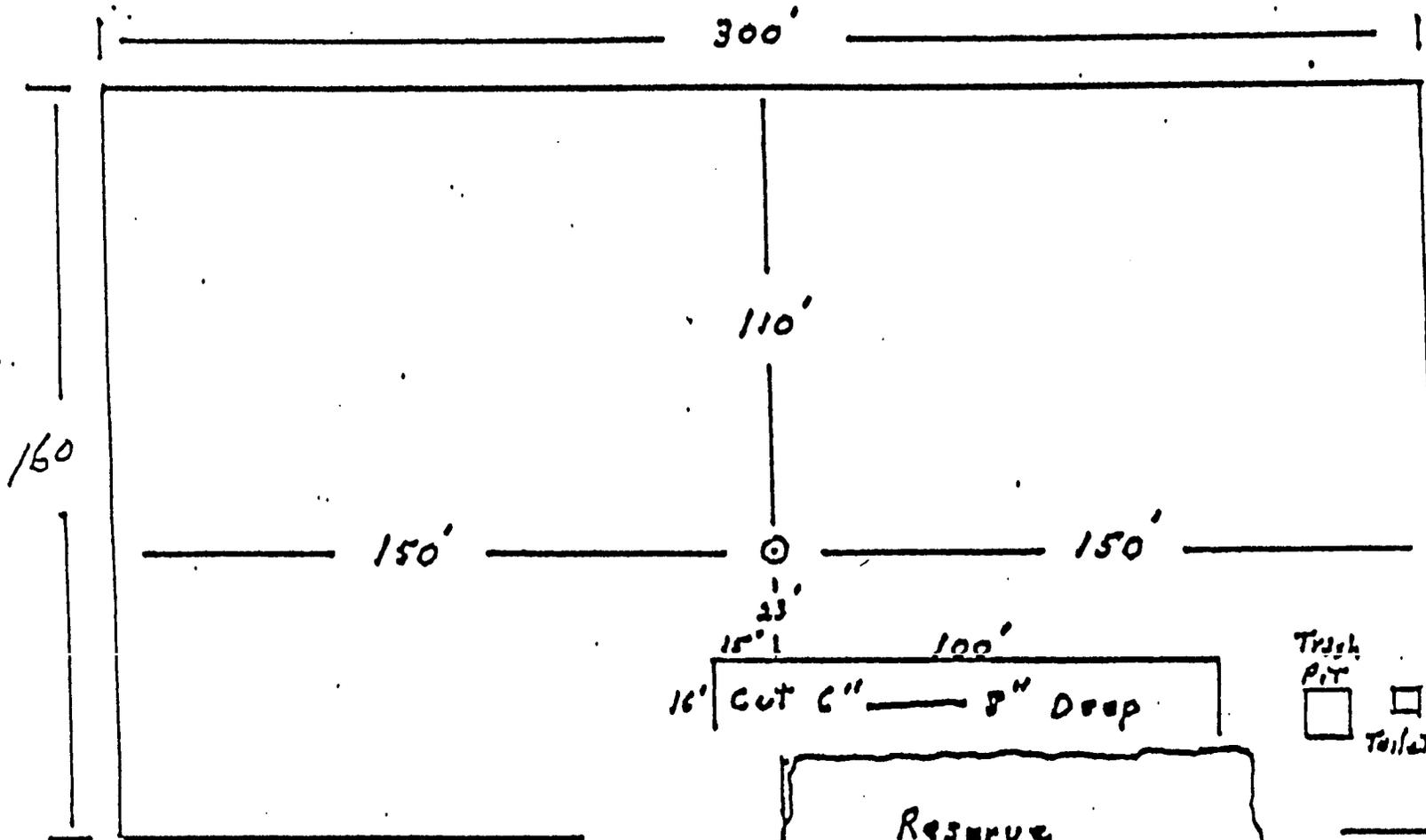
FEDERAL 21-14
IN THE NE 1/4 NW 1/4 SEC. 14
T31S, R12E, SLB 1M
GARFIELD COUNTY, UTAH
JUNE 16, 1987

PREPARED BY: KEOGH SURVEYING
MOAB, UTAH



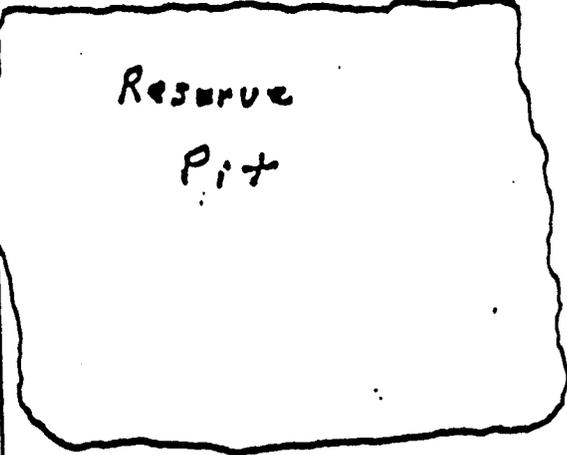
Timothy M. Keogh
UTAH RLS. NO 7692

Rig # 3



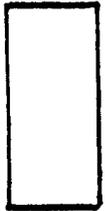
16' cut 6" — 8" Deep

Trash Pit
Toilet

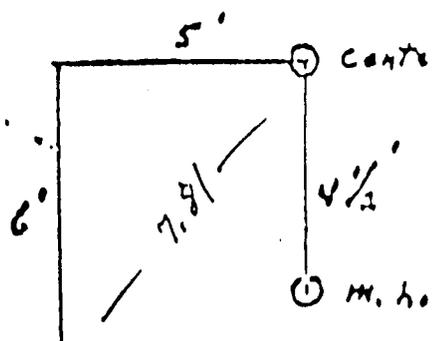


Reserve Pit

Burn Pit



Rat Hole Info

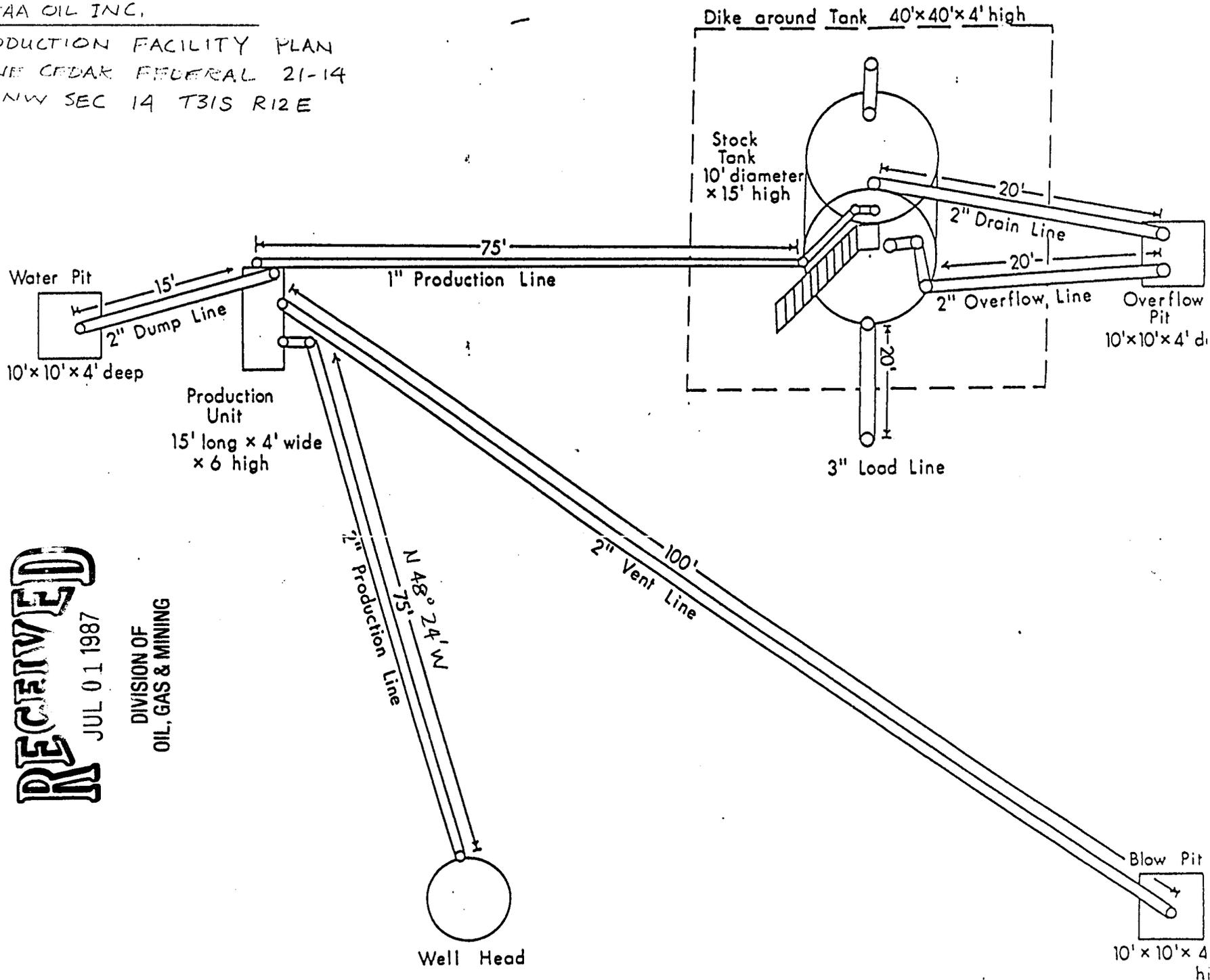


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DIVISION OF
OIL, GAS & MINING

BATAA OIL INC.
PRODUCTION FACILITY PLAN
LONE CEDAR FEDERAL 21-14
NE NW SEC 14 T31S R12E



NOTE: ALL PITS WILL BE CONSTRUCTED AND A DIKE WILL BE CONSTRUCTED AROUND TANK BATTERY.

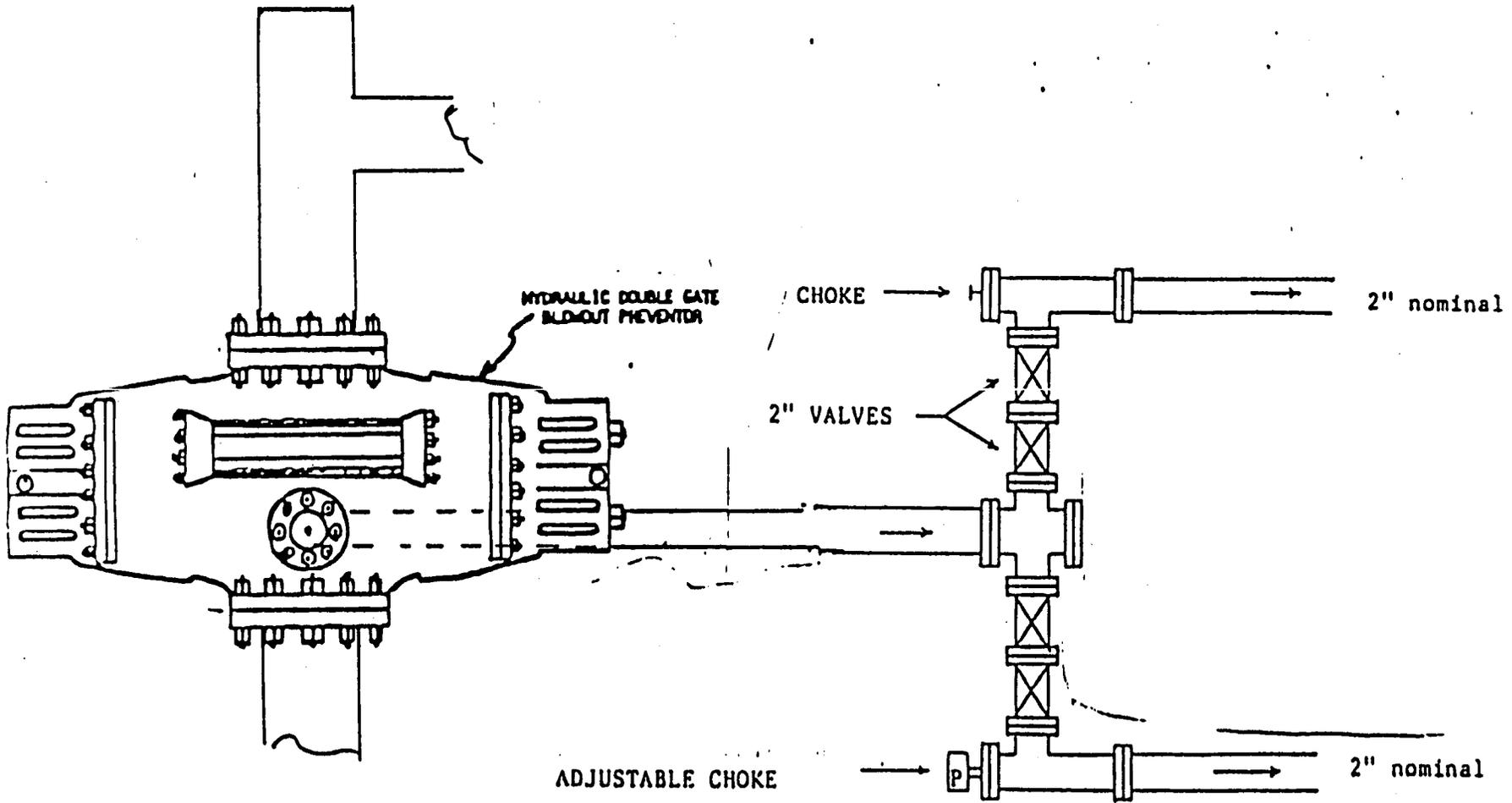
RECEIVED
JUL 01 1987

DIVISION OF
OIL, GAS & MINING

EXHIBIT C
BLOWOUT PREVENTER DIAGRAM

RIG # 3

11" 3000#



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JUL 01 1987

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

STATE OFFICE: Utah
SERIAL NO.: U-50955

and hereby designates

NAME: Bataa Oil, Inc.
ADDRESS: 5401 West 10th Street
Greeley, Colorado 80634

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160) with respect to (describe acreage to which this designation is applicable):

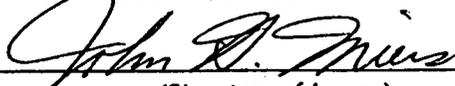
Township 31 South, Range 12 East, SLM
Section 14: NW/4, SW/4
Section 15: NE/4, SW/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the authorized officer of any change in the designated operator.

AMOCO PRODUCTION COMPANY

x 
(Signature of lessee)
Its Attorney-in-Fact

May 28, 1987

(Date)

P. O. Box 800, Denver, CO 80201

(Address)

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and thereto does not require OMB approval.

RECEIVED
JUL 01 1987

DIVISION OF
OIL, GAS & MINING

EXHIBIT H
of
APD for Bataa Oil, Inc.

Cultural Resources Inventory Report
on
Proposed Gas Wells Lone Cedar 13-14, 21-14, 24-15, and 42-15,
And Related Access in Garfield County, Utah,
for
Bataa Oil, Inc.

GRI Project No. 8714

16 June 1987

Prepared by

Grand River Institute
P.O. Box 3543
Grand Junction, Colorado 81502

Utah BLM Antiquities Permit No. 86-UT-54939
Utah Division of State History Permit No. U-87-GB-316B



Carl E. Conner, Project Archaeologist

Submitted to

The Bureau of Land Management
Richfield District Office
150 E., 900 N.
Richfield, Utah 84701

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

Project Authorization No. U-187-G-B-316B
Report Acceptable Yes No
Mitigation Acceptable Yes No
Comments: _____

1. Report Title Lone Cedar 113-114 well and acid
2. Development Company Bataa Oil, Inc., Greeley, Colorado
3. Report Date 06 16 1987 4. Antiquities Permit No. 86-UT-54939
5. Responsible Institution Grand River Ins County Garfield
6. Fieldwork Location: TWN 31S Range 12E Section(s) 14
7. Resource Area HM TWN 94 Range 98 Section(s) 102103 104105 106107 108109

PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS
BC = BOOK CLIFFS, HR = HOUSE RANGE, SR = SEVIER RIVER
HM = HENRY MOUNTAINS, BE = BEAVER RIVER, DX = DIXIE
KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND
SR = SAN RAFAEL, DM = DIAMOND MOUNTAIN

8. Description of Examination Procedures: A 100% pedestrian survey was conducted by walking a pattern of concentric circles around the center stake to a diameter of 750', encompassing roughly 10 acres. The two-track road to be upgraded was walked in two zigzag transects, one to either side of the road, to cover a corridor 200' wide.

9. Linear Miles Surveyed and/or Definable Acres Surveyed and/or Legally Undefinable Acres Surveyed
10. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings (attach appendices, if appropriate) No cultural resources were found.
12. Number Sites Found: 0
No sites = 0

13. Collection: N Y = Yes, N = No

14. Actual/Potential National Register Properties Affected: None.

15. Literature Search, Location/Date: Richfield District Office, 6/8/87
Division of State History, 6/9/87

16. Conclusion/Recommendations: No further consideration of cultural resources need be given the surface extent of this project.

17. Signature of Administrator & Field Supervisor: Administrator Carl E. Conner
Field Supervisor Carl E. Conner

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

Project Authorization No. U1-1871-G-B-316B
Report Acceptable Yes No
Mitigation Acceptable Yes No
Comments: _____

1. Report Title L|l|o|l|n|e| |c|l|e|d|a|r| |2|1|-|1|4| |w|e|l|l| |a|r|d| |a|c|c|.
2. Development Company Bataa Oil, Inc., Greeley, Colorado
3. Report Date 0|6| 16 |1|9|8|7| 4. Antiquities Permit No. 86-UT-54939
5. Responsible Institution G|r|a|h|d| |R|i|v|e|r| |I|n|s| County Garfield
6. Fieldwork Location: TWN 3|1|S| Range 1|2|E| Section(s) 1|4| 70 71 72 73 74 75 76 77
TWN 78 81 Range 82 85 Section(s) 86 87 88 89 90 91 92 93
7. Resource Area H|M| TWN 94 97 Range 98 101 Section(s) 102 103 104 105 106 107 108 109
PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS
 BC = BOOK CLIFFS, HR = HOUSE RANGE, SE = SEVIER RIVER
 HM = HENRY MOUNTAINS, BE = BEAVER RIVER, DX = DIXIE
 KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND
 SR = SAN RAFAEL, DM = DIAMOND MOUNTAIN

8. Description of Examination Procedures: A 100 % pedestrian survey was conducted by walking a pattern of concentric circles around the center stake to a diameter of 750', encompassing roughly 10 acres. The two-track road to be upgraded was walked in two zigzag transects, one to either side of the road, to cover a corridor 200' wide.

9. Linear Miles Surveyed and/or 0|1|5| | | 10. Inventory Type I|
112 117
 Definable Acres Surveyed and/or | | | | |
118 123
 Legally Undefinable Acres Surveyed 1|0| | | |
(* A parcel hard to cadastrally locate i.e., center of section)

R = Reconnaissance
 I = Intensive
 S = Statistical Sample

11. Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 0| | | |
 An isolated find consisting of two quartzite flakes and a utilized quartz flake was found about 150' west of the center stake. No sites = 0 131 133
 13. Collection: N| Y=Yes, N=No
136

14. Actual/Potential National Register Properties Affected:
None.

15. Literature Search, Location/Date: Richfield District Office, 6/8/87
Division of State History, 6/9/87

16. Conclusion/Recommendations:
The isolated find is considered non-significant.
No further consideration of cultural resources need be given the surface extent of this project.

17. Signature of Administrator & Field Supervisor: Administrator Carl E. Conner
Field Supervisor Carl E. Conner

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

For BLM Use Only

BLM Report ID No. U-1871-GB-1316B

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

1. Report Title L | o | n | e | C | e | d | a | r | 2 | 4 | - | 1 | 5 | w | e | l | l | a | n | d | a | c | c | .

2. Development Company Bataa Oil, Inc., Greeley, Colorado

3. Report Date 0 | 6 | 16 | 1 | 9 | 8 | 7 |
41 42 MONTH 43 YEAR 46

4. Antiquities Permit No. 86-UT-54939

5. Responsible Institution G | r | a | n | d | R | i | v | e | r | I | n | s | County Garfield

6. Fieldwork Location: TWN 3 | 1 | S | Range 1 | 2 | E | Section(s) 1 | 5 |
62 63 66 69 70 71 72 73 74 75 76 77
 TWN Range Section(s)
78 81 82 85 86 87 88 89 90 91 92 93

7. Resource Area H | M | TWN Range Section(s)
110 111 94 97 98 101 102 103 104 105 106 107 108 109

PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS
 CC = BOOK CLIFFS, HR = HOUSE RANGE, SE = SEVIER RIVER
 HM = HENRY MOUNTAINS, BR = BEAVER RIVER, DX = DIXIE
 KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND
 SR = SAN RAFAEL, DM = D'AMOND MOUNTAIN

FMI in spaces 65, 69, 81, 85, 97, 101 Only if:
 V = Vernal Meridian
 H = Half Township

8. Description of Examination Procedures: A 100 % pedestrian survey was conducted by walking a pattern of concentric circles around the center stake to a diameter of 750', encompassing roughly 10 acres. The two-track road to be upgraded was walked in two zigzag transects, one to either side of the road, to cover a corridor 200' wide.

9. Linear Miles Surveyed and/or 0 | . | 1 | 5 |
112 117

10. Inventory Type I
150

R = Reconnaissance
 I = Intensive
 S = Statistical Sample

Definable Acres Surveyed and/or
118 123

* Legally Undefinable Acres Surveyed 1 | 0 |

(*A parcel hard to cadastrally locate i.e., center of section)

11. Description of Findings (attach appendices, if appropriate)
 An isolated find consisting of two utilized flakes was found about 200' west of the center stake of the well and just west of the two-track.

12. Number Sites Found: 0
 No sites = 0 131 135

13. Collection: N Y = Yes, N = No
136

14. Actual/Potential National Register Properties Affected:
 None.

15. Literature Search, Location/Date: Richfield District Office, 6/8/87
 Division of State History, 6/9/87

16. Conclusion/Recommendations:

The isolated find is considered non-significant.
 No further consideration of cultural resources need be given the surface extent of this project.

17. Signature of Administrator & Field Supervisor: Administrator Carl E. Conner
 Carl E. Conner
 Field Supervisor Carl E. Conner

*For extra locationals use additional 8100-3 forms.

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

For BLM Use Only

BLM Report ID No. U-187-G-B-3116-B

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

1. Report Title L|o|n|e| |C|e|d|a|r| |4|2|-|1|5| |w|e|l|l| |l|a|n|d| |a|c|c|.

2. Development Company Bataa Oil, Inc., Greeley, Colorado

3. Report Date 0|6| 16 |1|9|8|7|

4. Antiquities Permit No. 86-UT-54939

5. Responsible Institution G|r|a|n|d| |R|H| |v|e|r| |I|n|s| County Garfield

6. Fieldwork Location: TWN 3|1|S| Range 1|2|E| Section(s) 1|5|

TWN Range Section(s)

7. Resource Area H|M| TWN Range Section(s)

PO = PONY EXPRESS, BR = BEAR RIVER, PR = PRICE RIVER, WS = WARM SPRINGS
BC = BOOK CLIFFS, HR = HOUSE RANGE, SE = SEVIER RIVER
HM = HENRY MOUNTAINS, BE = BEAVER RIVER, DX = DIXIE
KA = KANAB, ES = ESCALANTE, SJ = SAN JUAN, GR = GRAND
SR = SAN RAFAEL, DM = DIAMOND MOUNTAIN,

FWI in spaces 65, 69, 81, 85, 97, 101 Only if:
V = Vernal Meridian
H = Half Township

8. Description of Examination Procedures: A 100% pedestrian survey was conducted by walking a pattern of concentric circles around the center stake to a diameter of 750', encompassing roughly 10 acres. The two-track road to be upgraded was walked in two zigzag transects, one to either side of the road, to cover a corridor 200' wide.

9. Linear Miles Surveyed and/or 0|17|5|

10. Inventory Type I|

R = Reconnaissance
I = Intensive
S = Statistical Sample

Definable Acres Surveyed and/or

* Legally Undefinable Acres Surveyed 1|0|

(* A parcel hard to cadastrally locate i.e., center of section)

11. Description of Findings (attach appendices, if appropriate) 12. Number Sites Found: 0|

An isolated find consisting of a single chalcedony flake was found about 500' west of the well location and just south of the two-track.

13. Collection: N| Y = Yes, N = No

14. Actual/Potential National Register Properties Affected:
None.

15. Literature Search, Location/Date: Richfield District Office, 6/8/87
Division of State History, 6/9/87

16. Conclusion/Recommendations:

The isolated find is considered non-significant.
No further consideration of cultural resources need be given the surface extent of this project.

17. Signature of Administrator & Field Supervisor: Administrator Carl E. Conner
Field Supervisor Carl E. Conner

*For extra locationals use additional 8100-3 forms.

Introduction

For compliance with Executive Order 11593, the Historic Preservation Act of 1966, the Archaeological Resources Protection Act of 1979, and other federal legislation governing the protection and management of cultural resources on publicly owned lands, Carl E. Conner of Grand River Institute (GRI) conducted an intensive (Class III) cultural resources inventory of four proposed gas well locations and their related access roads in Garfield County, Utah, for Bataa Oil, Inc., of Greeley, Colorado. Four ten-acre plots and approximately 1.8 miles of existing, two-track access roads were inspected on 12 June 1987.

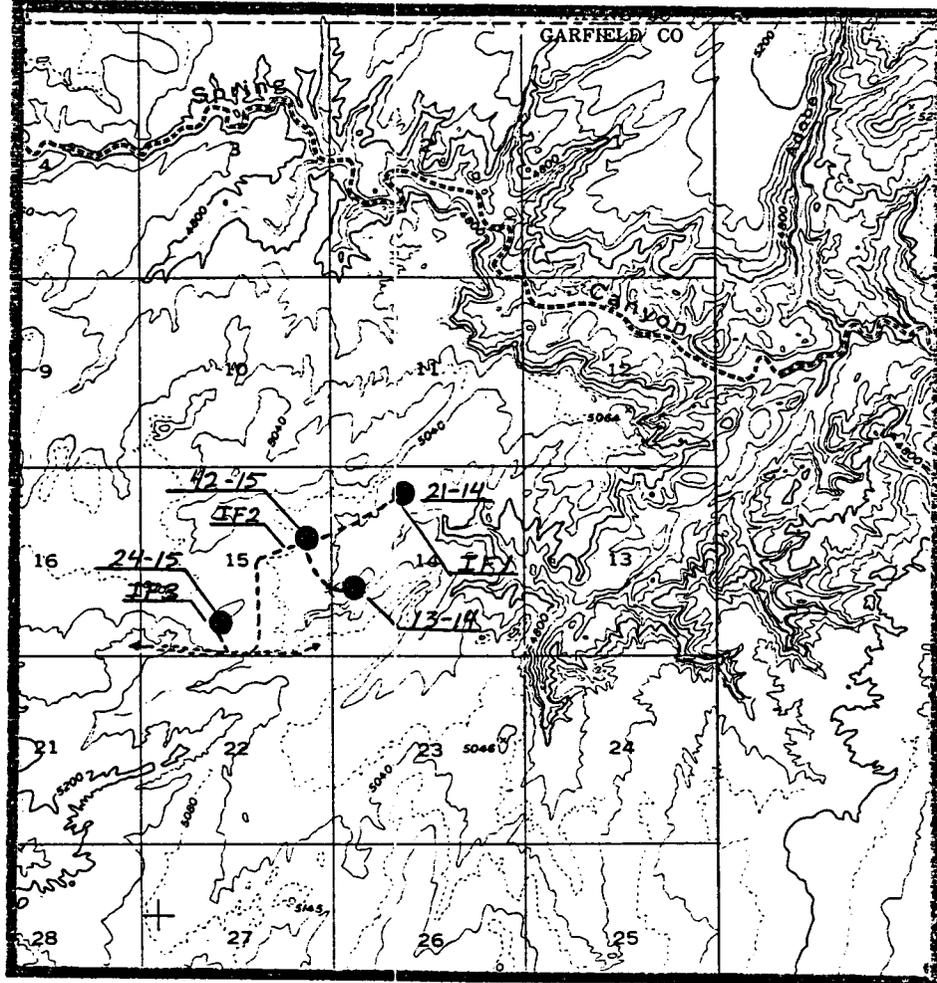
The project occurs on Bureau of Land Management (BLM) lands in the Lone Cedar Flat area, ten miles east of the Henry Mountains. The location of the wells and access is (see Figure 1):

- Lone Cedar 13-14,
T. 31S., R.12E., Section 14, NW $\frac{1}{4}$ SW $\frac{1}{4}$ (1780' FSL, 460' FWL);
related access in Sec. 14, NW $\frac{1}{4}$ SW $\frac{1}{4}$ and Sec. 15, C E $\frac{1}{2}$ E $\frac{1}{2}$;
- Lone Cedar 21-14,
T. 31S., R.12E., Section 14, NE $\frac{1}{4}$ NW $\frac{1}{4}$ (660' FNL, 1980' FWL);
related access in Sec. 14, NW $\frac{1}{4}$ and Sec. 15, SE $\frac{1}{4}$ NE $\frac{1}{4}$;
- Lone Cedar 24-15,
T. 31S., R.12E., Section 15, SE $\frac{1}{4}$ SW $\frac{1}{4}$ (860' FSL, 2180' FWL);
related access in Sec. 15, SE $\frac{1}{4}$ SW $\frac{1}{4}$;
- Lone Cedar 42-15,
T. 31S., R.12E., Section 15, SE $\frac{1}{4}$ NE $\frac{1}{4}$ (1960' FNL, 580' FEL);
related access in Sec. 15, E $\frac{1}{2}$;

Description of Project Area

The project area is located on the eastern periphery of the Henry Mountain physiographic subdivision of Utah, near the boundary of the Inner Canyonlands. It is situated on the southern extension of the Burr Desert, a sandy, dry area with sparse vegetation. Elevations range from 4920' to 5040'. The nearest permanent water, as shown on the quadrangle map, is Poison Spring, about 5 miles west/northwest of the study area; however, an intermittent wash lies just south of the well locations.

Climatically, the area is characterized as a cold desert and supports a sand sage vegetation community within the Shadscale Zone. Soils are mostly sandy (creating dunes), but there are areas of gravels near the washes. Faunal inhabitants of this desert include antelope, cottontails, jackrabbits, kangaroo rats, and various eagles, hawks, owls, lizards, and snakes.



Bull Mountain Quadrangle
 Utah--Garfield County
 1952
 USGS 15' series (topographic)
 Scale 1:62500
 Contour interval 80 feet

Figure 1. Cultural resources inventory report on proposed gas wells Lone Cedar 13-14, 21-14, 24-15, and 42-15, and related access in Garfield County, Utah, for Bataa Oil, Inc. Map shows locations of wells and isolated finds of cultural resources; area surveyed for cultural resources is highlighted. [GRI 8714, 6/16/87]

Known Cultural Resources

A files search through the Division of State History and the BLM Richfield District Office revealed two known sites (42GA560 and 42GA561) in the area. These were recorded in 1966 and it is apparent from the locational descriptions--which relate the sites' position to North Wash--that they are actually in T.32S., R.12E., Section 14, rather than in T.31S. as previously believed. There are no records of other sites or surveys in the immediate area. However, human occupation of the region is known to have occurred for nearly 13,000 years (Holmer, 1986); evidence of the Paleo-Indian Tradition, the Archaic Tradition, the Fremont Culture, and the Historic Paiutes has been found.

Field Methods

A 100% pedestrian survey of the project area was conducted by walking a pattern of concentric circles around the center stakes of the proposed well locations to a diameter of 750'. The area inventoried encompassed roughly 10 acres at each well site. The two-track roads to be upgraded which connect the well locations to the main county road were walked in two zigzag transects, one to either side of the existing two-tracks, to cover corridors 200' wide. A total of approximately 84 acres was surveyed (40 for the well locations, 44 for the roads).

Cultural resources were sought as surface exposures and, if found, were to be characterized as sites or isolated finds. Sites were defined by the presence of six or more artifacts and/or significant feature(s) indicative of patterned human activity. Isolated finds were defined by the presence of one to five artifacts apparently of surficial nature.

Study Findings

Three isolated finds were made during the course of the survey. The first consisting of three artifacts was found about 150' west of the center stake of 21-14. The second was a single flake located about 500' west of 42-15, just south of the two-track road. The third was two utilized flakes found about 200' west of the 24-15 location and just west of the two-track access road to the proposed well. None of these finds is diagnostic. All appear surficial in nature and are considered non-significant. (See attached isolated find forms for additional information.)

Recommendations

No further consideration of cultural resources need be given the surface extent of this project.

Reference Cited

Holmer, Richard N.

1986 Common projectile points of the Intermountain West. In Anthropology of the Desert West, University of Utah Anthropological Papers No. 110. Salt Lake.

ISOLATED FIND FORMS

ISOLATED FIND RECORD

1) Isolated Find No.: 8714 - IF 1 (2) County: Garfield (3) State: Utah

I. LOCATION

4) Legal Location: 1/4, 1/4, NE 1/4, NW 1/4, Sec. 14 T 31S R 12E PM SLPM

5) USGS Quad: Name Bull Mountain Size 15' Date 1952

6) UTM: Zone 12, 5, 3, 8, 6, 5, 0mE, 4, 1, 8, 5, 0, 0mN.

II. ARCHAEOLOGICAL DATA:

7) Artifacts:

2 quartzite flakes and one utilized quartz flake.

8) Inferred function/description:

Debitage

9) Cultural Affiliation unknown Time Period unknown BC AD

10) IF Dimensions X

III. ENVIRONMENTAL DATA:

11) Elev. 4960 ft. 1512 m. 12) Soil Sandy

13) Topography bench abv. dry wash 14) Slope: site 0-3° surrounding same

15) Nearest water: name/nature intermittant wash elev. 4020 dist. 200m direction SE

Nearest permanent water unknown elev. dist. direction

16) Veg. on site sand sage community 17) Surrounding veg. same

Additional Comments:

IV. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map)

V. REFERENCE DATA:

18) Collection: yes no X describe

19) Repository: 20) Landowner BLM

21) Report title Lone Cedar 21-14 22) Recorder Carl E. Conner

23) Affiliation Grand River Institute 24) Date 6/16/87

ISOLATED FIND RECORD

1) Isolated Find No.: 8714 - IF 2 (2) County: Garfield (3) State: Utah

I. LOCATION

4) Legal Location: 1/2, 1/2, SW 1/4, NE 1/4, Sec. 15 T 31S R 12E PM SLPM

5) USGS Quad: Name Bull Mountain Size 15' Date 1952

6) UTM: Zone 12, 5 3 7 6 0 0mE, 4 2 1 8 0 4 0mN.

II. ARCHAEOLOGICAL DATA:

7) Artifacts:

One chalcedony flake, medium interior

8) Inferred function/description:

Debitage

9) Cultural Affiliation unknown Time Period unknown BC AD

10) IF Dimensions X

III. ENVIRONMENTAL DATA:

11) Elev. 5000 ft. 1524 m. 12) Soil Sandy

13) Topography Swale bottom 14) Slope: site 0-3° surrounding same

15) Nearest water: name/nature intermittant wash elev. 4980' dist. 600m direction SE

Nearest permanent water unknown elev. dist. direction

16) Veg. on site sand sage community 17) Surrounding veg. same

Additional Comments:

IV. ADDITIONAL INFORMATION: (Narrative, drawings, sketch map)

V. REFERENCE DATA:

18) Collection: yes no X describe

19) Repository: 20) Landowner BLM

21) Report title Lone Cedar 42-15 22) Recorder Carl E. Conner

23) Affiliation Grand River Institute 24) Date 6/16/87

UT-060-3160-1 DIVISION Or
(April 1984) OIL, GAS & MINING

BUREAU OF LAND MANAGEMENT
MOAB DISTRICT
CONDITIONS OF APPROVAL FOR PERMIT TO DRILL

42-15
21-14
24-15
13-14

Company BATAA OIL, INC. Well No. 13-14
Location: Sec: 14 + 15 T. 31 S R. 12 E Lease No. U-50955
Onsite Inspection Date 6/12/87

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 ensure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops: Surface formation is Entrada. Expected tops are:

<u>Navajo: 77'</u>	<u>Organ Rock: 2543'</u>
<u>Kayenta: 752'</u>	<u>Cedar Mesa: 2733'</u>
<u>Wingate: 963'</u>	<u>Hermosa: 4068'</u>
<u>Chinle: 1251'</u>	<u>Ismay: 4728'</u>
<u>Shinarump: 1522'</u>	<u>Desert Creek: 4988'</u>
<u>Moenkopi: 1619'</u>	<u>**THESE DEPTHS ARE FOR THE #42+15 WELL, ADJUST</u>
<u>White Rim: 2071'</u>	<u>DEPTHS FOR OTHER WELLS ACCORDING TO RELATIVE SURFACE</u>

ELEVATIONS

2. Estimated Depth at Which Oil, Gas, Water, or Other Mineral-Bearing Zones Are Expected to Be Encountered:

	<u>Formation</u>	<u>Depth</u>
Expected oil zones:	<u>Desert Creek</u>	
Expected gas zones:	<u>None Expected</u>	
Expected water zones:	<u>No fresh water zones expected</u>	
Expected mineral zones:	<u>None Expected</u>	

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

3. Pressure Control Equipment: 11", 3000# Blowout Preventer- See Exhibit "C".

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from 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 Resource Area (will/will not) be notified _____ days in advance when pressure tests are to be conducted.

4. Casing Program and Auxiliary Equipment: Will set the 8 5/8" intermediate string into the top of the Chinle only if fresh water is encountered above it, or if lost circulation problems are encountered above the Chinle. The 11" hole will be air drilled from surface to Chinle. Anticipated cements tops will be reported as to depth, not the expected number of sacks. The Resource Area (will/will not) be notified _____ days in advance when running casing strings and cement.
5. Mud Program and Circulating Medium: The hole will be "mudded" up once drilling the 7 7/8" hole is started. Mud weight of 9.2 lb/gal or less with less than 10cc. water loss will be maintained with chem gel med. Barite and other lost circulation material will be maintained on site. Blooie line will be misted to reduce fugative dust when air drilling.
6. Coring, Logging and Testing Program: One 30', either 7 7/8" or 6" core will be cut starting at the top of the ^{Desert} Creek. One additional 30' core will be cut lower in the Desert Creek. Density/Nuetron Porosity, Dual Induction and Sonic logs will be run. A DST will be run if any oil shows are encountered.

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 to the District Office not later than thirty (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, work-over, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Moab District Manager.

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards: The mud logging unit will contain total gas, gas chromatograph, and H2S detectors. No actual H2s gas has been reported in the area. Slightly underpressured conditions are expected, with bottom hole pressures at 5500' expected to be less than 2000 psi.

8. Anticipated Starting Dates and Notifications of Operations:

The operator will contact the Henry Mountain Resource Area at (801) 542-3461, forty-eight (48) hours prior to beginning any dirt work on this location.

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 District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date (will/will not) be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (form 3160-5) will be submitted to the District Office within twenty-four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329, "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 directly with the BLM District Office, P.O. Box 970, Moab, Utah 84532.

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

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 District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

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

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations,

oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manager within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The marker will be constructed as follows: 4½" pipe with I.D. information "bead welded" on its surface.
The top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker with a plate, cap or beaded-on with a welding torch:

"Fed" or "Ind", as applicable. "Well number, location by $\frac{1}{4}$ section, township and range". "Lease number".

Other: _____

B. THIRTEEN-POINT SURFACE USE PLAN

1. Existing Roads:

- a. Location of proposed well in relation to town or other reference point: Twenty-one miles south of Hanksville on State Highway 95, then three miles east on turn off at Lone Cedar Reservoir. See Exhibit "E".
- b. Proposed route to location: See Exhibit "D" for access road plat from existing road into location.
- c. Plans for improvement and/or maintenance of existing roads: The road from State Highway 95 to the turn off to the location access roads will be graded when necessary due to increased traffic or weather conditions.

d. Other: _____

2. Planned Access Roads:

- a. The maximum total disturbed width will be _____ feet.
- b. Maximum grades: _____

- c. Turnouts: None are planned. Existing turnouts on road from Lone Cedar Reservoir will be re-graded if necessary.
- d. Location (centerline): _____

- e. Drainage: Appropriate water bars will be constructed to assure that drainage off of the drilling location and the location access road will remain the same as the existing drainage patterns.
- f. Surface materials: Surfacing material will be the native material at the road locations
- g. Other: no gates, cattle guards or fence cuts are expected to be needed. No culverts are expected to be needed for drilling operations.

Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells: There are no water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling or producing wells, shut in wells, injection or monitoring wells, as of this date, within a 1 mile radius. See Exhibit "G".

4. Location of Tank Batteries and Production Facilities:

All permanent (onsite for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:
Light brown to match surface rocks.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines and valves 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 District Manager.

All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. 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 (3) months on new meter installations and at least quarterly thereafter. The Area Manager 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 Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from: North Wash or the Dirty Devil River. The water will be hauled to location by truck. No water well will be drilled, nor will any water encountered be produced to the surface.

A temporary water use permit for this operation will be obtained from the Utah State Engineer in Panquich (Stan Adams). Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Material:

Pad construction material will be obtained from: _____
The construction material for the pad will be the native material present at the pad site. No materials will be taken off of Federal land.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material (will/will not) be located on lease.

7. Methods of Handling Waste Disposal:

The reserve pit (will/will not) be lined: The reserve pit will not be lined. Drill cuttings will be buried in the reserve pit. Fluids from well testing will be collected in a swab tank. Portable chemical facilities will be on site for human waste. A trash pit will be on site for non-flammable trash, and a burn pit for flammable trash.

Three sides of the reserve pit will be fenced with 5 strand barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

All trash must be contained and disposed of by: hauling from location, if not flammable.

If burning is required, a permit will be obtained from the State Fire Warden (Manager of Natural Resources - Ed Story)

Produced waste water will be confined to a (lined/unlined) pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

Other: The reserve pit will be kept fenced until dry, and then backfilled after getting permission to do so from the Hanksville BLM office. If any mud in the reserve pit is contaminated with oil during drilling operations, it will be hauled off site and disposed of at an approved disposal site.

8. Ancillary Facilities:

Camp facilities (will/will not) be required. They will be located: No camp facilities will be used. A trailer will be emplaced on the drilling pad by the mud logger.

9. Well Site Layout:

The reserve pit will be located: See Exhibit "F" for the layout of the rig, reserve pit, and burn and trash pits at the drillsite. See Exhibit "I" for the production facility layout (on the pad).

The top 6-10" inches of soil material will be removed from the location and stockpiled separately on the high side of the edge of the pad.

Topsoil along the access road will be reserved in place adjacent to the road.

Access to the well pad will be from: See Exhibits "D" and "F".

The trash pit will be located: _____

10. Plans for Restoration of Surface:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all remaining debris, materials, trash and junk not required for production. Non-flamable trash and juncn will be hauled out.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry. _____

The operator or his contractor (will/will not) notify the Henry Mountain Resource Area at (801) 542-3461 forty-eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.

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

The stockpiled topsoil will be evenly distributed over the disturbed areas. Top soil will be stockpiled on the three uphill sides of locations during drilling. See Exhibit "F". _____

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

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

Seed will broadcast rather than drilled

The following seed mixture will be used: _____

<u>Indian ricegrass</u>	<u>3 lb/acre</u>
<u>Sand dropseed</u>	<u>2 lb/acre</u>
<u>Galleta</u>	<u>2 lb/acre</u>
<u>Mormon Tea</u>	<u>2 lb/acre</u>
<u>Globemallow</u>	<u>2 lb/acre</u>

Goble Seed Company of Gunnison Utah has all five kinds of seed presently available.

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed. _____

Additional Requirements: _____

11. Surface and Mineral Ownership:

Surface - U.S.A.

Minerals - U.S.A.

Both administered by the Bureau of Land Management

12. Other Information:

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

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

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

A cultural resource clearance (will/will not) be required before any construction begins. If any cultural resources are found during construction, all work will stop and the Area Manager will be notified.

This permit will be valid for a period of one (1) year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operator's Representative and Certification

Representative:

Name: Carl Friis
Address: 5401 West 10th Street
Greeley, Co. 80634
Phone No.: (303) 356-5699 Home (303) 356-1129

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which 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:

Bataa Oil, Inc.

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.

6/28/87
Date

Carl Friis Land Manager
Name and Title

ONSITE

DATE: 6/12/87

PARTICIPANTS:

TITLES:

Carl Friis - Bataa Oil

Land Manager

Chuck Gale - Bataa Oil

Exploration Manager

Tim Keogh - Keogh Surveying

Surveyor

Carl Hunt - Hunts' Excavating Service

Dirtwork Contractor

Carl Conner - Grand River Institute

Archeologist

John Branch - BLM Richfield

District Geologist

Glen Patterson - BLM Hanksville

Area Manager

Your contact with the District Office is: John Keogh

Office Phone: (801) 896-8220

City: Richfield State: Utah

Resource Area Manager's address and contacts are:

Address: Hanksville, Utah

Your contact is: Glen Patterson

Office Phone: (801) 542-3461

CORRECTED COPY

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN DUPLICATE
(Other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-50955

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Lone Cedar Federal

9. WELL NO.
21-14

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
T31S, R12E
Section 14: NE $\frac{1}{4}$ NW $\frac{1}{4}$

12. COUNTY OR PARISH
Garfield

13. STATE
Utah

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
Bataa Oil, Inc

3. ADDRESS OF OPERATOR
5401 W. 10th Street, Greeley, CO 80634

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface Township 31 South, Range 12 East
Section 14: 762' FNL & 1889' FWL
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Twenty-two miles south of Hanksville

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 762'

16. NO. OF ACRES IN LEASE 8960

17. NO. OF ACRES ASSIGNED TO THIS WELL 40-

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2744'

19. PROPOSED DEPTH 5500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4899' GR

22. APPROX. DATE WORK WILL START* 8/10/87*

23. PROPOSED CASING AND CEMENTING PROGRAM (see drilling plan)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5	200'	250 sacks Est fill-200'
11"	8 5/8"	24.0	1300'	250 sacks Est fill-300'
7 7/8"	5 1/2"	15.5	5500'	500 sacks Est fill-800'

1. Drill 17 1/2" surface hole and set 13 3/8" casing to 200' with returns to surface
2. Drill 11" hole to 1300' or into the Chinle, set 8 5/8" casing if necessary.
3. Drill 7 7/8" hole to 5500' or into the Desert Creek Formation.
4. Core two 30' sections of the Desert Creek, run Density/Porosity, Dual Induction and Sonic logs, DST if logs are promising.
5. Run 5 1/2" casing from surface or bottom of 8 5/8" casing, to T.D., bond log and perforate, stimulate if needed.

EXHIBITS ATTACHED:

- A. Drilling Program
- B. Thirteen-Point Surface Use Plan
- C. Blowout Preventer Diagram
- D. Access Road Map To Location
- E. Existing Road Map
- F. Drill Pad Layout-Cut and Fill Section
- G. One Mile Radius Map
- H. Archeologist's Site Report
- I. Proposed Production Facilities.
- J. Designation of Operator/

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 Carl Friis Carl Friis TITLE Land Manager APPROVED BY THE STATE 7/8/87

(This space for Federal or State office use)

PERMIT NO. 43-017-30133 APPROVAL DATE 7-13-87

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

WELL SPACING: _____

*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.

8. List any other water right which will supplement this application Lone

9. NATURE AND PERIOD OF USE

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other:	From <u>August 1, 1987</u>	to <u>August 1, 1988</u> <u>July 31</u>

10. PURPOSE AND EXTENT OF USE

Irrigation: _____ acres. Sole supply of _____ acres.
 Stockwatering (number and kind): _____
 Domestic: _____ Families and/or _____ Persons
 Municipal (name): _____
 Mining: _____ Mining District in the _____ Mine
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): WATER USED TO DRILL OIL WELLS

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): 43-017-30134 - Drl.
1. Lone Cedar Federal #42-15 Well: SE $\frac{1}{4}$ NE $\frac{1}{4}$ - Section 15 - T31S, R12E
43-017-30133 Drl. 21-14
2. Any of: NE $\frac{1}{4}$ NW $\frac{1}{4}$ - Section 14 - T31S, R12E Location will be chosen
43-017-30132 13-14 Drl. NW $\frac{1}{4}$ SW $\frac{1}{4}$ - Section 14 - T31S, R12E based upon results of
43-017-30135 24-15 Drl. SE $\frac{1}{4}$ SW $\frac{1}{4}$ - Section 15 - T31S, R12E #42-15 Well

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of same size if necessary):

THIS APPLICATION IS TEMPORARY. WATER WILL BE USED FROM AUGUST 1, 1987 TO AUGUST 1, 1988 Water will be used solely for oil well drilling operations.

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/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 herein at the time of filing, rests with the applicant(s).

David J. Calvin
 Signature of Applicant(s)
 David J. Calvin
 President - Bataa Oil, Inc.

1770000000

STATE ENGINEER'S ENDORSEMENT

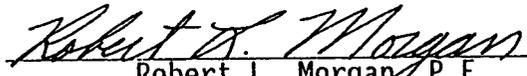
WATER RIGHT NUMBER: 95 - 4591

APPLICATION NO. T62715

1. July 27, 1987 Application received.
 2. August 3, 1987 Application designated for APPROVAL by MSA and SG.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated August 7, 1987, subject to prior rights and this application will expire on August 7, 1988.


Robert L. Morgan P.E.
State Engineer

071513

OPERATOR Bataas Oil, Inc. DATE 7-2-87

WELL NAME Lone Cedar Federal #21-14

SEC ^{NE NW} 14 T 31S R 12E COUNTY Garfield

43-017-30133
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'
Need water permit.

APPROVAL LETTER:

SPACING: 203 _____ UNIT

302

_____ CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

July 9, 1987

Bataa Oil, Inc.
5401 West 10th Street
Greeley, Colorado 80634

Gentlemen:

Re: Lone Cedar Federal 21-14 - NE NW Sec. 14, T. 31S, R. 12E
762' FNL, 1889' FWL - Garfield County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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. All well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of the time that a new 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.

Page 2
Bataa Oil, Inc.
Lone Cedar Federal 21-14
July 9, 1987

5. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
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) 533-6163.
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 43-017-30133.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

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



STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Robert L. Morgan, State Engineer

1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • 801-533-6071

August 7, 1987

AUG 20 1987

Bataa Oil
c/o Carl Friis
5401 West 10th Street
Greeley, CO 80631

DIVISION OF OIL
& MINING

Dear Applicant:

RE: TEMPORARY APPLICATION
NUMBER 95-4591 (T62715)

Enclosed is a copy of approved Temporary Application Number 95-4591 (T62715). 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 August 7, 1988, 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, M. Stanley Adams. The telephone number is (801)896-4429.

Sincerely,


Robert L. Morgan, P.E.
State Engineer

RLM:rc

Encl.: Copy of Approved Temporary Application



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
RICHFIELD DISTRICT OFFICE
150 EAST 900 NORTH
RICHFIELD, UTAH 84701



IN REPLY REFER TO:

RECEIVED
JUN 28 1989

262
FEB 13 11 00
(U-52)
BUREAU OF LAND MANAGEMENT
RICHFIELD DISTRICT OFFICE

Bataa Oil Company
5401 West 10th Street
Greeley, Colorado 80634

DIVISION OF
OIL, GAS & MINING

RE: Well No. 13-14
Sec. 14, T 31 S, R 12 E, SLB
Garfield County, Utah
Lease No: U-50955
43-017-30132

Well No. 24-15
Sec. 15, T 31 S, R 12 E, SLB
Garfield County, Utah
Lease No: U-50955
43-017-30133

Well No. 21-14
Sec. 14, T 31 S, R 12 E, SLB
Garfield County, Utah
Lease No: U-50955
43-017-30135

Gentlemen:

The Application for Permit to Drill (APD), submitted for the above referenced wells, was approved on July 1, 1987. Since that date, no known activity has transpired at the approved locations. Under Bureau policy, APDs are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced applications without prejudice. If at a future date you intend to drill at these locations, a new APD must be submitted.

This office requires a letter confirming no surface disturbance has been made at these drill sites. Any surface disturbance associated with the approved location for these wells must be rehabilitated. A schedule for this rehabilitation must be submitted to this office.

Your cooperation in this matter is appreciated.

Sincerely,

Jerry W. Goodman
District Manager

cc: Utah DOGM
U-922/U-943
U-942
HMRA



Norman H. Bangertter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

July 10, 1989

Bataa Oil, Inc.
5401 West 10th Street
Greeley, Colorado 80634

Gentlemen:

Re: Federal 13-14, 21-14, and 24-15 Wells, Sec.14 and 15, T.31S, R.12E, Garfield County, Utah API No's. 43-017-30132, 43-017-30133 and 43-017-30135

In concert with action taken by the Bureau of Land Management, approval to drill the above referenced wells is hereby rescinded. New Applications for Permits to Drill must be filed with this office for approval prior to the commencement of any future work on the subject locations.

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

Sincerely,

A handwritten signature in cursive script that reads "Don T. Staley".

Don T. Staley
Administrative Supervisor

TAS/tc
cc: D. R. Nielson
R. J. Firth
BLM-Richfield
Well files
WE17/109