

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

5. Lease Designation and Serial No.

14-20-H62-1588

6. If Indian, Allottee or Tribe Name

UTE TRIBAL

7. Unit Agreement Name

~~SHINER 1-14A4~~

8. Farm or Lease Name

JESSEN

9. Well No.

2-14A4

10. Field and Pool, or Wildcat

ALTAMONT

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

14-1S-4W

12. County or Parrish 13. State

Duchesne Co. 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

Bow Valley Petroleum Inc.

3. Address of Operator

1700 Broadway, Suite 900, Denver, Colorado 80290

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

At surface

1110 FWL 1112 FSL  
1547' FSL, 1565' FWL

At proposed prod. zone

SAME

*NE/SW*

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

Approximately 2 miles SW of Altonah

15. Distance from proposed\*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

16. No. of acres in lease

640

17. No. of acres assigned to this well

640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

16,600'

*Wasatch*

20. Rotary or cable tools

Rotary

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

6620' Ungraded G.L.

22. Approx. date work will start\*

April 1, 1986

23.

PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement   |
|--------------|----------------|-----------------|---------------|----------------------|
| 12 1/4"      | 9 5/8"         | 40              | 3000+         | As Needed To Surface |
| 8 3/4"       | 7"             | 26-32           | 14,500+       | 2000sx to Surface    |
| 6"           | 5"             | 18              | 16,600+       | 300 sx               |

It is proposed to drill a 16,600' Wasatch test at the referenced location. After settling 9 5/8" casing, 5000psi BOPE will be nipped up and tested to 5000psi before drilling out and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams each time pipe is tripped out of the hole.

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

DATE: 3-24-86

BY: *John R. Bay*

WELL SPACING: *Case 139/42*

RECEIVED  
MAR 17 1986

DIVISION OF  
OIL, GAS & MINING

*4-17-85*

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

*[Signature]*

Title Senior District Engineer

Date

*3/12/86*

(This space for Federal or State office use)

Permit No.

43-013-31160

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

**RECEIVED**

MAY 16 1986

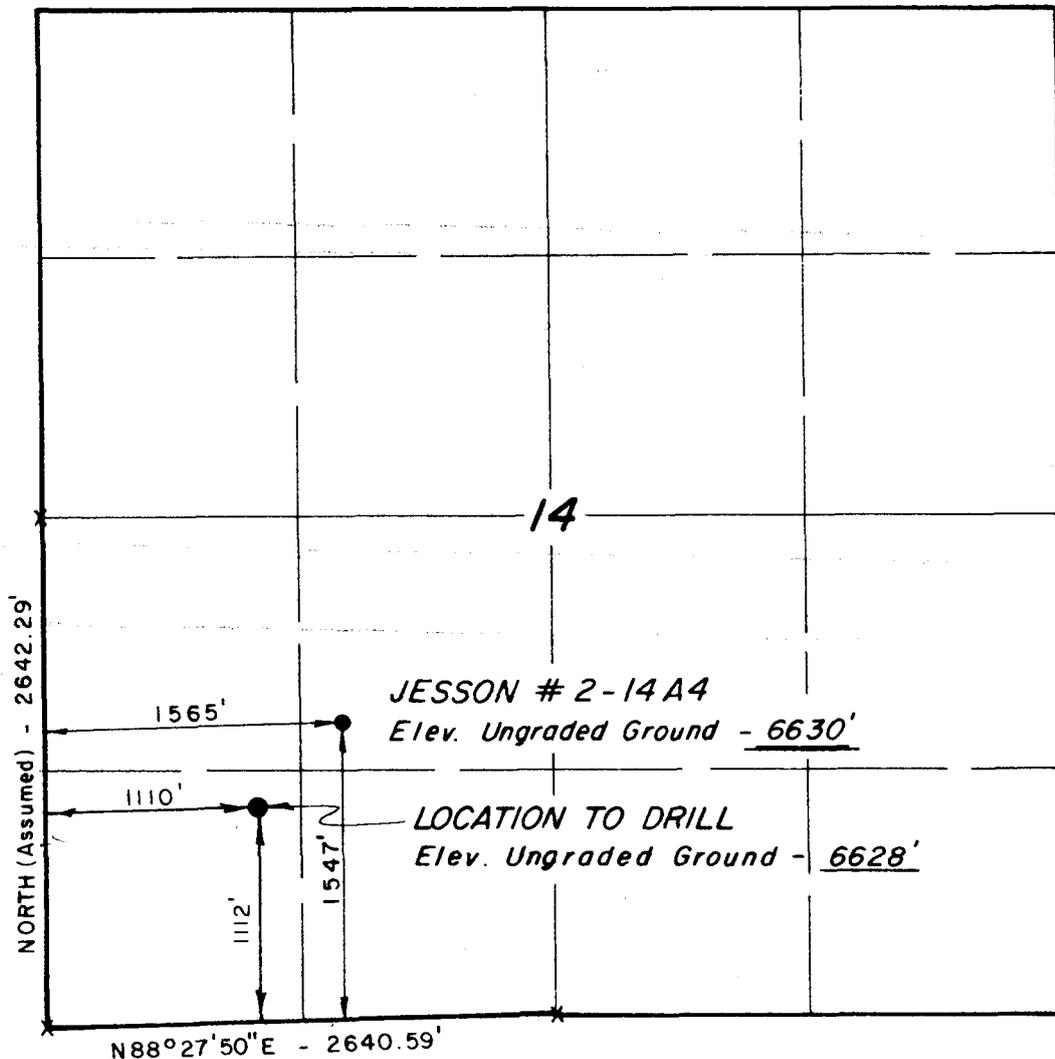
T1S, R4W, U.S.B. & M.

DIVISION OF  
OIL, GAS & MINING

PROJECT  
BOW VALLEY

Well location, *JESSON #2-14A4*,  
located as shown in the NE 1/4  
SW 1/4 Section 14, T1S, R4W,  
U.S.B. & M. Duchesne County, Utah.  
Location to Drill SW 1/4 SW 1/4.

X = Section Corners Located



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.

*Adrian J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH

Revised 5/15/86

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

NOTE: THIS LOCATION WAS MOVED FROM ORIGINAL SURVEY  
TO BETTER FACILITATE THE NEEDS OF THE LAND  
OWNER.

*Amended*

|         |            |            |            |
|---------|------------|------------|------------|
| SCALE   | 1" = 1000' | DATE       | 3/12/86    |
| PARTY   | DA DK RP   | REFERENCES | GLO Plat   |
| WEATHER | FAIR       | FILE       | BOW VALLEY |



# Bow Valley Petroleum Inc.

1700 Broadway, Suite 900, Denver, CO 80290

Telephone: (303) 861-4366  
Telecopier: (303) 832-3825  
Telex: 45-0033

RECEIVED  
MAR 17 1986

March 13, 1986

DIVISION OF  
OIL, GAS & MINING

Mr. Ron Firth  
c/o Division of Oil, Gas & Mining  
355 W. North Temple  
3 Triad Center  
Suite 350  
Salt Lake City, Utah 84180-1203

RE: JESSEN 2-14A4

Dear Ron:

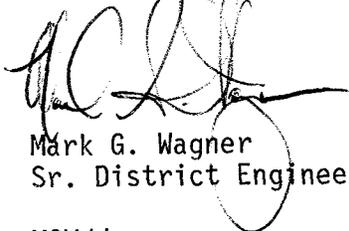
Enclosed please find an original plus two (2) copies of the Application For Permit To Drill on the above mentioned well.

Please expedite this matter as soon as possible.

Thank you for your considerations in this matter.

Sincerely,

BOW VALLEY PETROLEUM (U.S.) INC.



Mark G. Wagner  
Sr. District Engineer

MGW/dsg

EIGHT POINT COMPLIANCE PROGRAM

WELL NAME: Jessen 2-14A4

LOCATION: Section 14, T1S, R4W, U.S.M.

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Duchesne River Fm Surface  
Lower Green River 11,200'  
Wasatch Red Beds 13,000'  
Flagstaff 14,800'  
T.D. 16,600'

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

No water flows anticipated  
Oil & Gas GR 11, 200' to 13,000'  
Oil & Gas Wasatch 14,800' to T.D.

3. PROPOSED CASING PROGRAM

- (a) Conductor Casing: 20" to 40', 52.73#, K-55 sacks cement to surface. 9-5/8" surface casing to 3000', 40.00#, K-55, 1800 sacks cement to surface. 7" intermediate casing, 2000 sacks cement to surface, 5" liner, 18# P-100, 650 sacks "H" 14,000' to T.D.
- (b) Production tubing: 2-7/8" tubing, 6.5ppf, N-80 grade.

4. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

EXHIBIT "A" is a schematic diagram of the blow out preventor equipment. The BOP's will be hydraulically tested to full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP include a Kelly cock, floor safety valve, drill string, BOP and choke manifold will pressure rating equivalent to the BOP stack.

5. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATING MUDS

0-3000' Fresh Water with viscous sweeps as necessary.  
3000'-9000': Fresh Water with viscous sweeps as necessary.  
9000'-14,500': Fresh LSND system with LCM as needed, possibly weight up to 10ppg at T.D. if necessary.  
14,500'-T.D.: Fresh LSND system with LCM and weighting material to as estimated mud weight of 15ppg if needed.

6. AMOUNT AND TYPE OF FORMATION TESTING AND CORES ANTICIPATED:

No formation testing or coring anticipated.

7. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE

No abnormal pressure or temperature anticipated.

8. This well is being drilled under cause order # 139-42

(IN-FILL DRILLING)

This is a replacement well for the BVPI Shiner 1-14A4 well in same section.

# BOW VALLEY

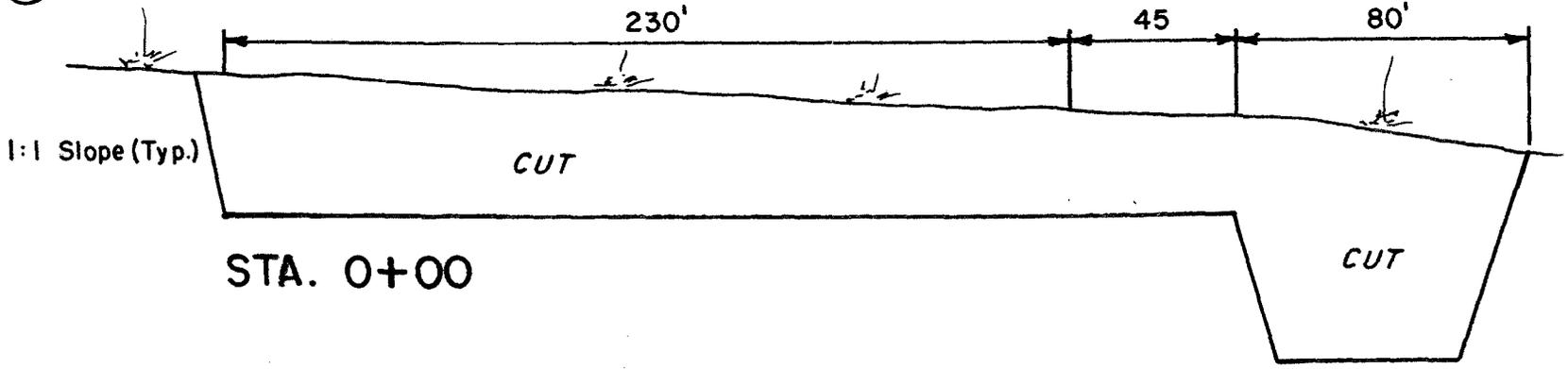
*JESSON*

**JESSON # 2-14A4**

6633.70'

C-11.7 to bottom pit.

(A)



230'

45'

80'

LOCATION STAKE

CUT

CUT

STA. 2+00

1 1/2 : 1 Slope (Typ.)

(B)

6629.10'  
C-7.1

SCALE : 1" = 50'  
DATE : 3/12/86

230'

45'

PROPOSED GRADE : 6630.00'

FILL

STA. 4+00

1" = 10'

Scales

1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut = 18,600

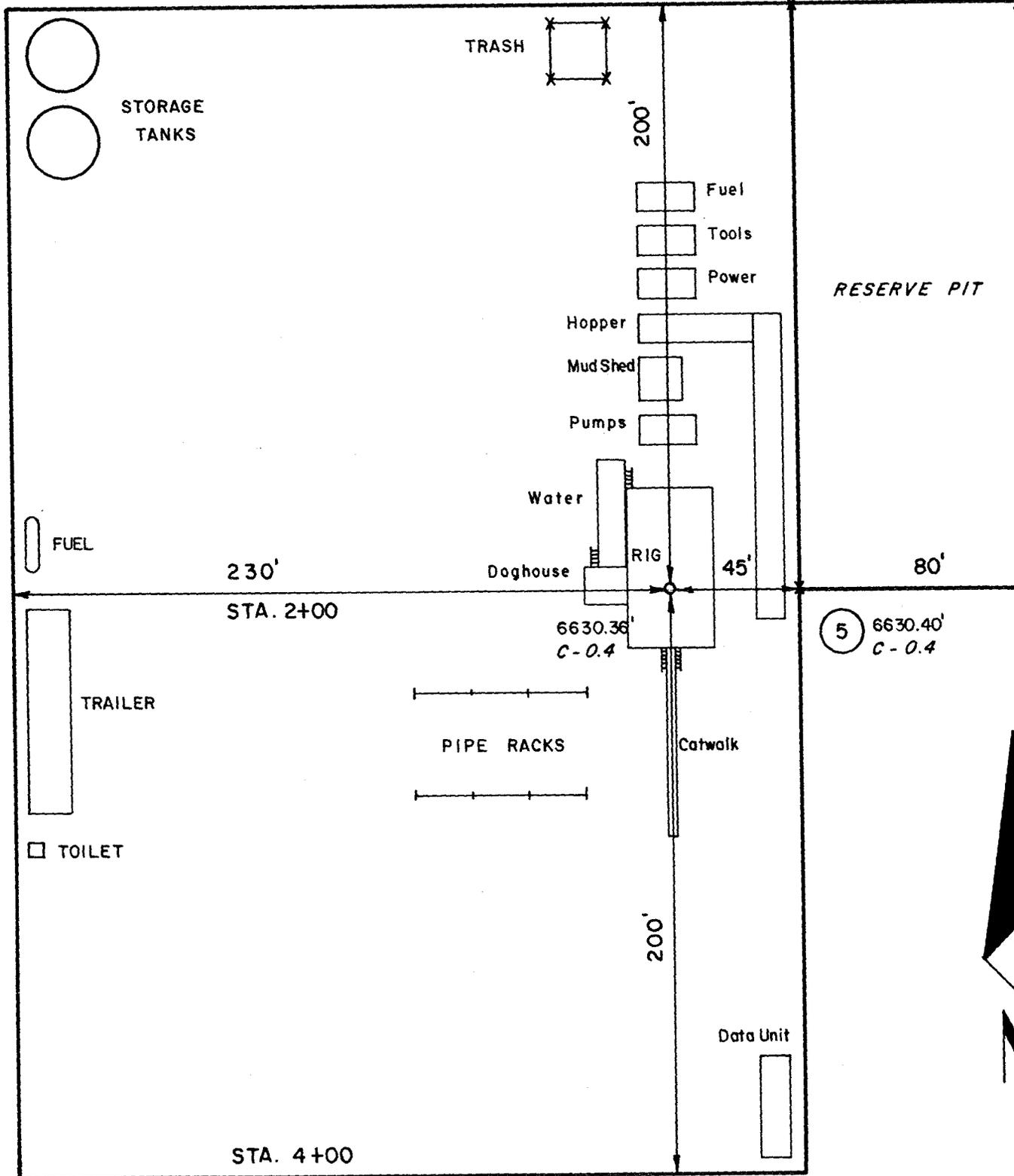
Cubic Yards Fill = 700

6637.68'  
C-7.7 (2)

6635.81'  
C-5.8 (3)

6635.20'  
C-5.2 (4)

STA. 0+00



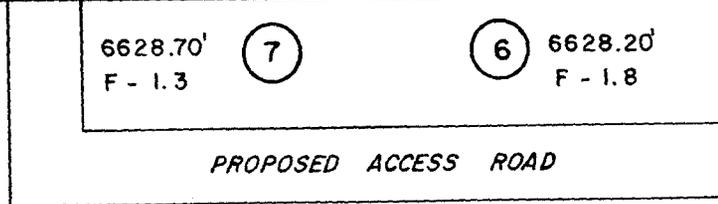
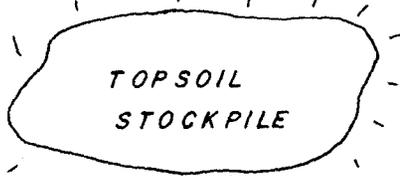
6635.66'  
C-5.7 (1)

6630.40'  
C-0.4 (5)

6630.80'  
C-0.8 (8)

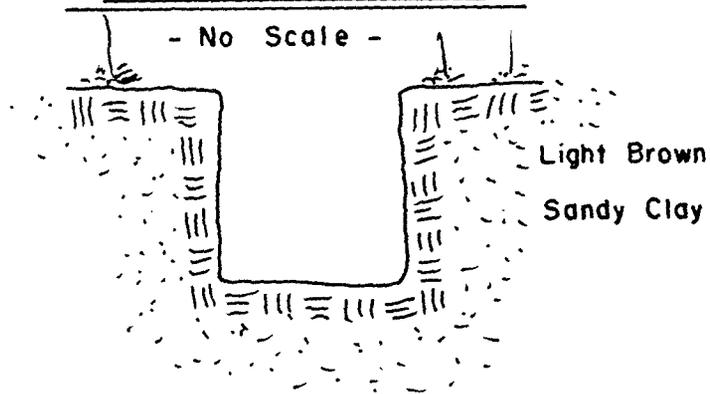
6628.70'  
F-1.3 (7)

6628.20'  
F-1.8 (6)



SOILS LITHOLOGY

- No Scale -



BOW VALLEY PETROLEUM INC.

JESSON #2-14A4  
PROPOSED LOCATION

JESSON  
NEEDS  
3/15/86  
TOPO.



MAP "A"

SCALE 1" = 4 MI.

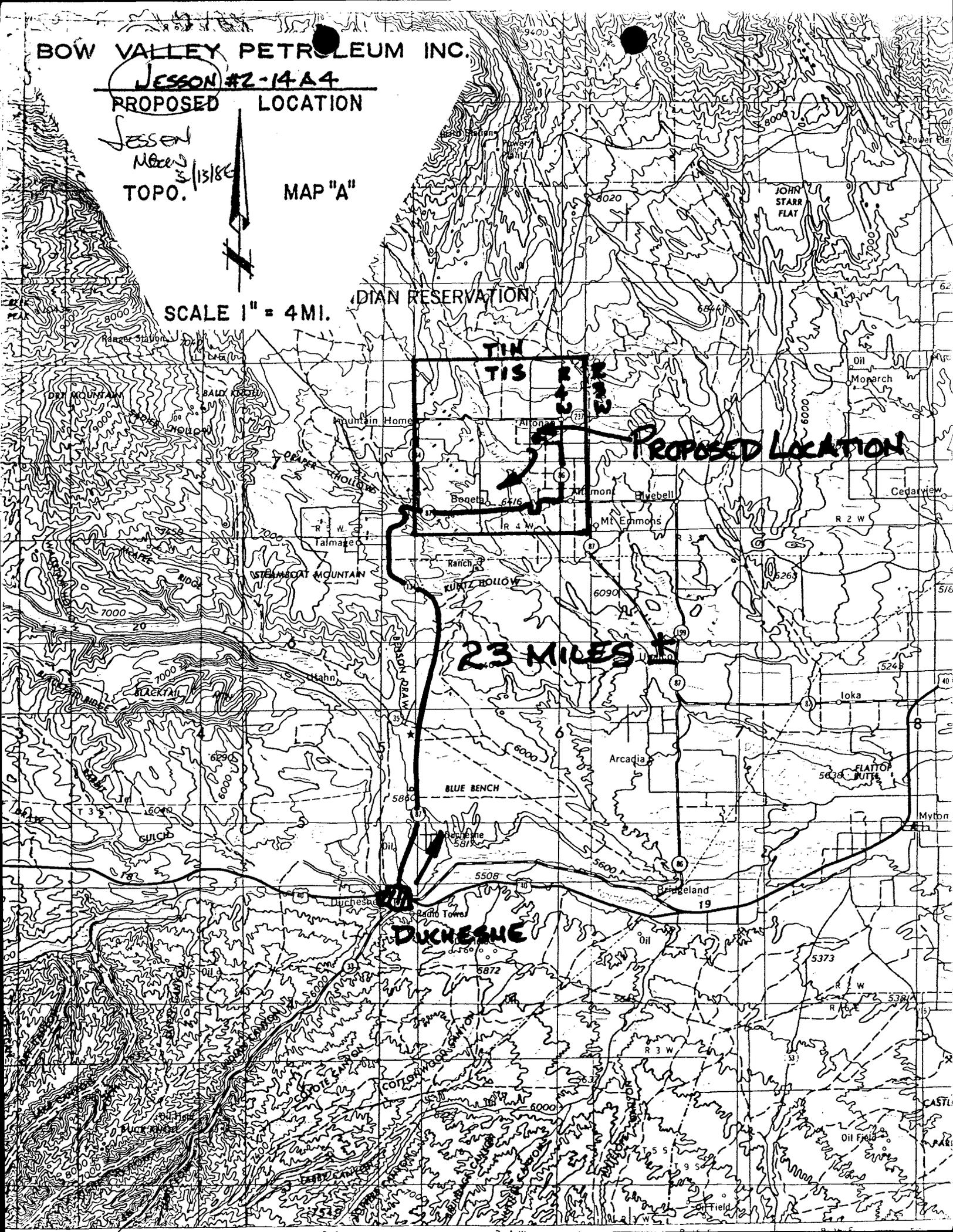
INDIAN RESERVATION

TIN  
TIS  
R  
R  
W  
W

PROPOSED LOCATION

23 MILES

DUCHENE



BOW VALLEY PETROLEUM INC.

JESSON #2-14A4

PROPOSED LOCATION

JESSON  
3/13/86  
NEW  
TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

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

UTAH

QUADRANGLE LOCATION

R E S E R V A T I O N

TIN  
TIS

R  
4  
W

PROPOSED LOCATION  
JESSON #2-14A4

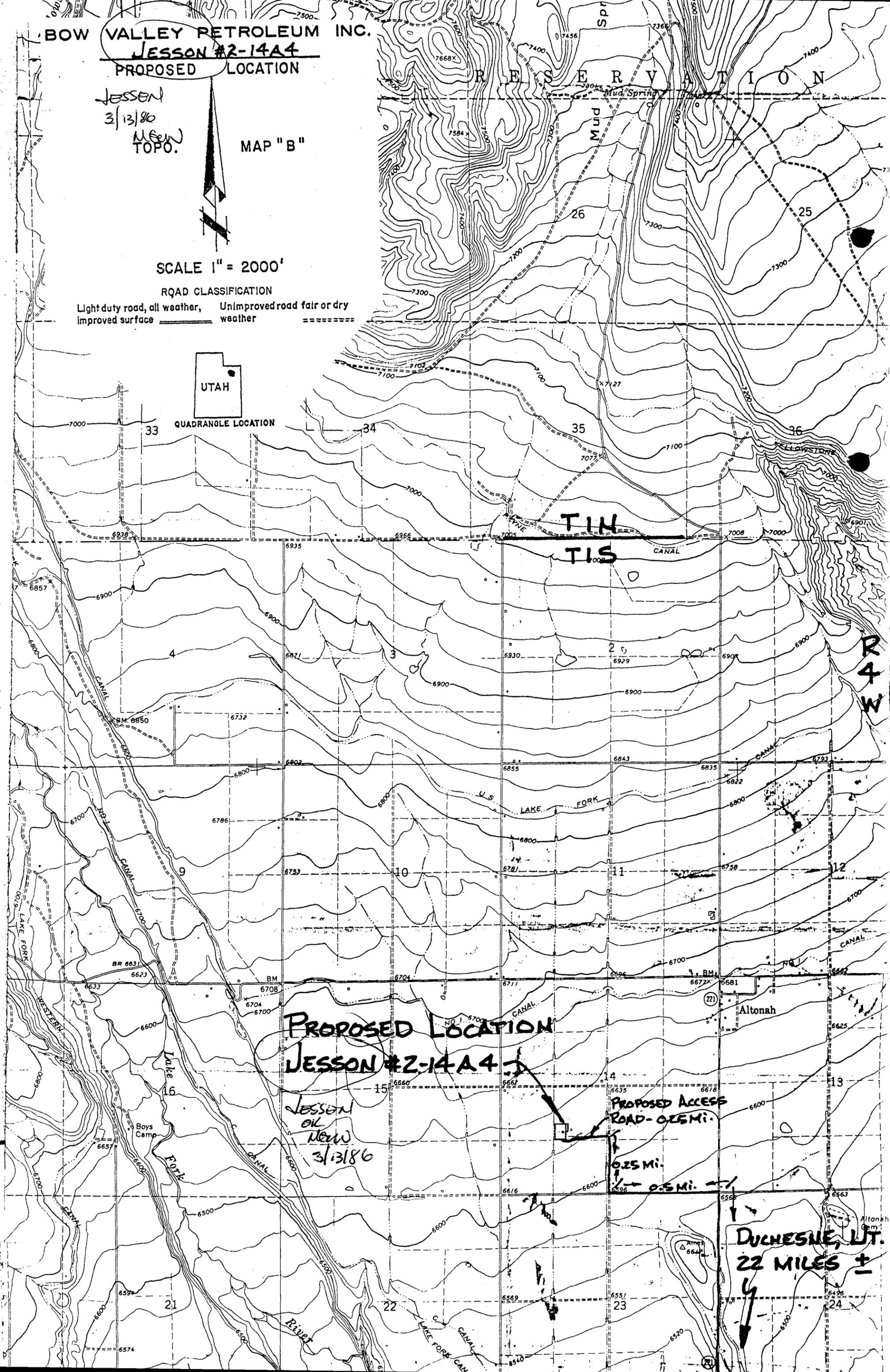
JESSON  
OIL  
NEW  
3/13/86

PROPOSED ACCESS  
ROAD - 0.25 MI.

0.25 MI.

0.5 MI.

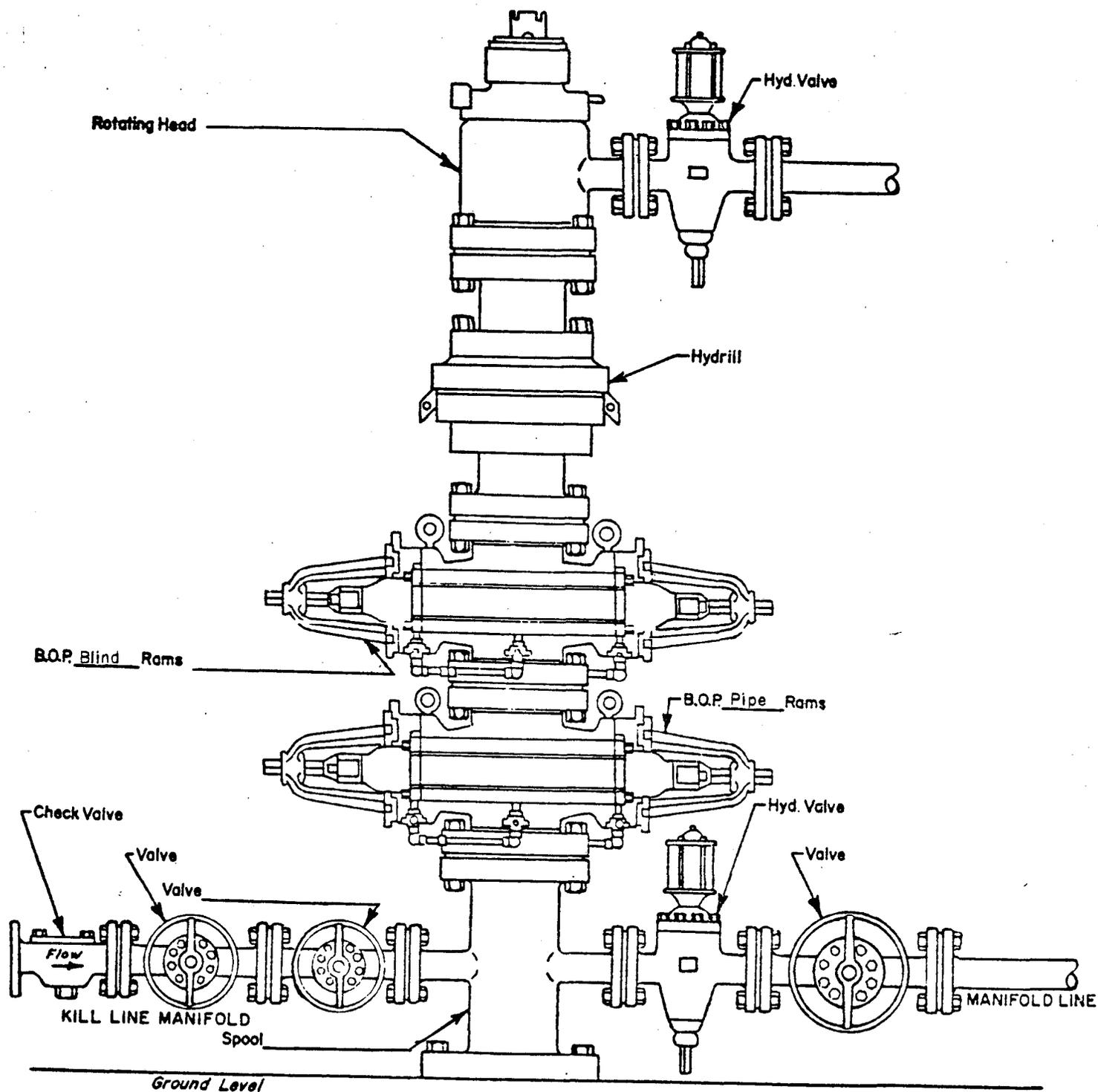
DUCHESNE, UT.  
22 MILES ±



# EXHIBIT A

WELL NAME: JESSEN 2-14A4  
LOCATION: Section 14, T1S, R4W, U.S.M.  
Duchesne County, Utah

WELL HEAD B.O.P.  
5000# W.P. Hydraulic



Minimum 3,000 PSI BOPE is to be installed after setting surface pipe.  
All preventers are to be tested prior to drilling out casing shoe.

Minimum 5,000 PSI BOPE is to be installed after setting the long string.  
The pipe rams and blind rams are to be tested to 5,000 PSI and the  
annular preventer to 1,500 PSI prior to drilling out shoe.

All auxillary BOPE will be tested to appropriate pressures when BOP's  
are tested. (Manifold, upper and lower kelly cocks, valves, and inside  
BOP).

After drilling the shoe, the casing seat will be pressure tested to an  
equivalent mud weight of 14.5 ppg.

OPERATOR Bow Valley Petroleum DATE 3-19-86

WELL NAME Jesson 2-14A4

SEC NE SW 14 T 13 R 4W COUNTY Rockwell

43-013-31160  
API NUMBER

Fee (Unmended)  
Letter 4/22/86  
TYPE OF LEASE

CHECK OFF:

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

PROCESSING COMMENTS:

Need water permit

APPROVAL LETTER:

SPACING:  203 \_\_\_\_\_ UNIT \_\_\_\_\_  302

139-42 4/17/85  302.1  
CAUSE NO. & DATE

STIPULATIONS:

1. Water
2. Pit lined
3. 48 hrs. notification



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

March 24, 1986

Bow Valley Petroleum, Inc.  
1700 Broadway, Suite 900  
Denver, Colorado 80290

N 0130

Gentlemen:

Re: Well No. Jessen 2-14A4 - NE SW Sec. 14, T. 1S, R. 4W  
1547' FSL, 1565' FWL - Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985 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. 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 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
Bow Valley Petroleum, Inc.  
Well No. Jessen 2-14A4  
March 24, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each 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.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31160.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
Bureau of Indian Affairs  
D. R. Nielson

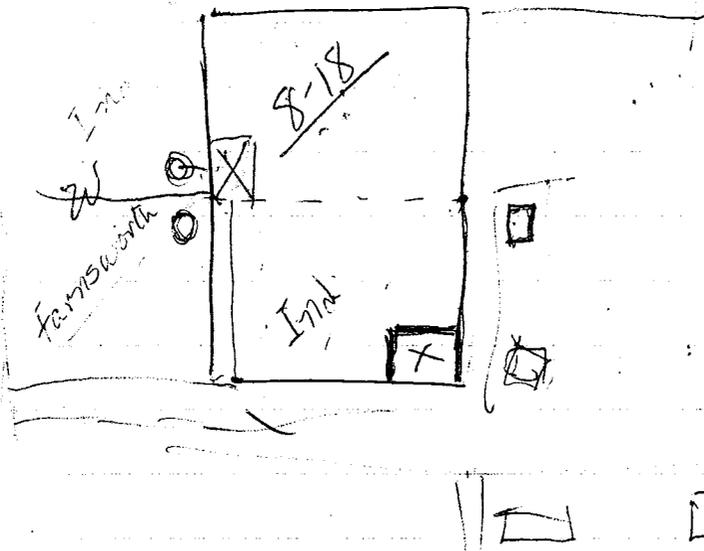
8159T

4-10-86

Norma Mitchell (Jessen)  
Ned Mitchell

Attamont  
454-3613

Bow Valley  
- Sec. 14, T15, R4W, Duchesne Co.



- BLM (Vernal) indicates that  
the  $\frac{1}{4}$ - $\frac{1}{4}$  section occupied by  
the well is a fee tract.

---



Duchesne County  
 Section 14 - T15 R4W U5M  
 Altonah, Utah

← Road →

|  |   |   |  |
|--|---|---|--|
| <p>Indian Lease<br/>         (Kenneth Ralphs)<br/>         operator</p>  | <p>Indian Lease<br/>         (Shawn McConkie)<br/>         Lessee</p>   | <p>George<br/>         Carroll<br/>         (Private)</p>   | <p>Indian Lease<br/>         (Bike Shiner)<br/>         lessee</p>   |
| <p>(Part 71111)<br/>         SW<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub></p> <p>Norma<br/>         (Private)</p>   | <p>Indian Lease<br/>         (Kenneth Ralphs)<br/>         operator</p>   | <p>Indian Lease<br/>         (Kenneth Ralphs)<br/>         lessee</p>   | <p>Red valley well - Row<br/>         existing used for Brine<br/>         depositing</p> <p>Bike Shiner<br/>         (Private)</p>    |
| <p>Road</p> <p>NE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub></p> <p>Indian lease<br/>         (Kenneth Ralphs)<br/>         lessee</p>   | <p>(Old Home)<br/>         7E<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub></p> <p>Norma<br/>         (Private)</p> <p>* <del>Proposed<br/>         well site</del> t-offset</p> | <p>Road</p> <p>7NW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub></p> <p>(Clegg)<br/>         (Private)</p>                                       | <p>(Shut Take)<br/>         7E<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub></p> <p>Norma<br/>         (Private)</p>            |
| <p>SW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub></p> <p>Durrill Farm with<br/>         Quitclaim made to<br/>         Clarence &amp; Violet<br/>         Smith.<br/>         Recorded at<br/>         Duchesne Co. Courthouse<br/>         (Private)</p> <p>* <del>Proposed<br/>         well site</del></p> <p>Prepared access road</p> | <p>(Rog. Lease)<br/>         SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub></p> <p>Norma<br/>         (Private)</p> <p>5 acres<br/>         Blding<br/>         lots</p>       | <p>House</p> <p>SW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> (Norman<br/>         Take)</p> <p>House</p> <p>Norma<br/>         (Private)</p> | <p>(D. 71111 &amp; Assoc)<br/>         SE<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub></p> <p>Norma<br/>         (Private)</p> |

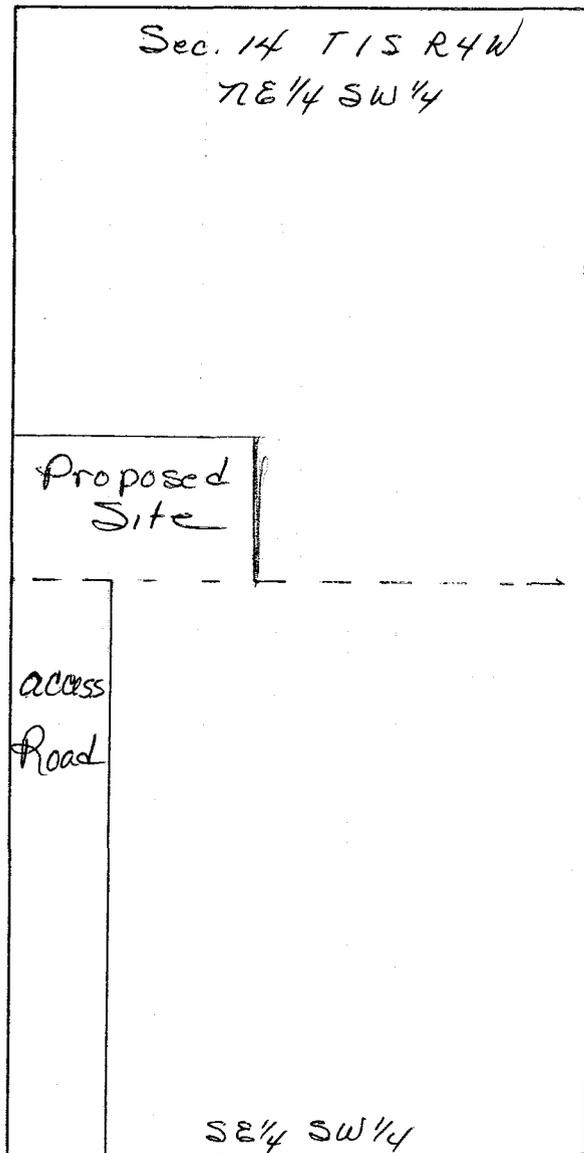
← Road →

□ House

□ House

□ House

Norma Jessen Mitchell  
80 Acres

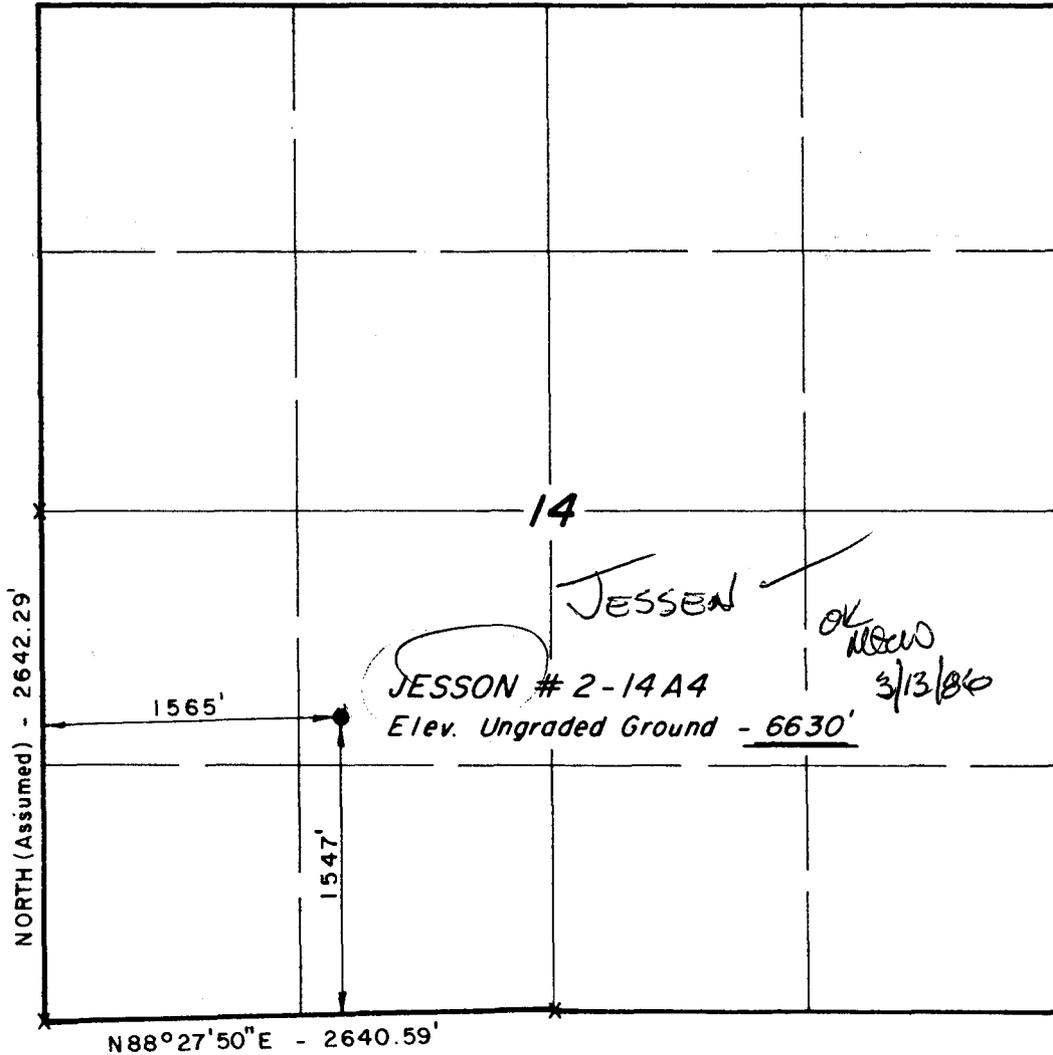


TIS, R4W, U.S.B. & M.

PROJECT  
BOW VALLEY

JESSEN  
OK  
ALBEO

Well location, JESSON # 2-14A4, 3/13/86  
located as shown in the NE 1/4  
SW 1/4 Section 14, TIS, R4W,  
U.S.B. & M. Duchesne County, Utah.



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.

*Helen J. Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

|         |            |            |            |
|---------|------------|------------|------------|
| SCALE   | 1" = 1000' | DATE       | 3/12/86    |
| PARTY   | DA DK RP   | REFERENCES | GLO Plat   |
| WEATHER | FAIR       | FILE       | BOW VALLEY |

X = Section Corners Located

**BOW VALLEY PETROLEUM INC.**  
**JESSON #2-14A4**  
**PROPOSED LOCATION**

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

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

UTAH

QUADRANGLE LOCATION

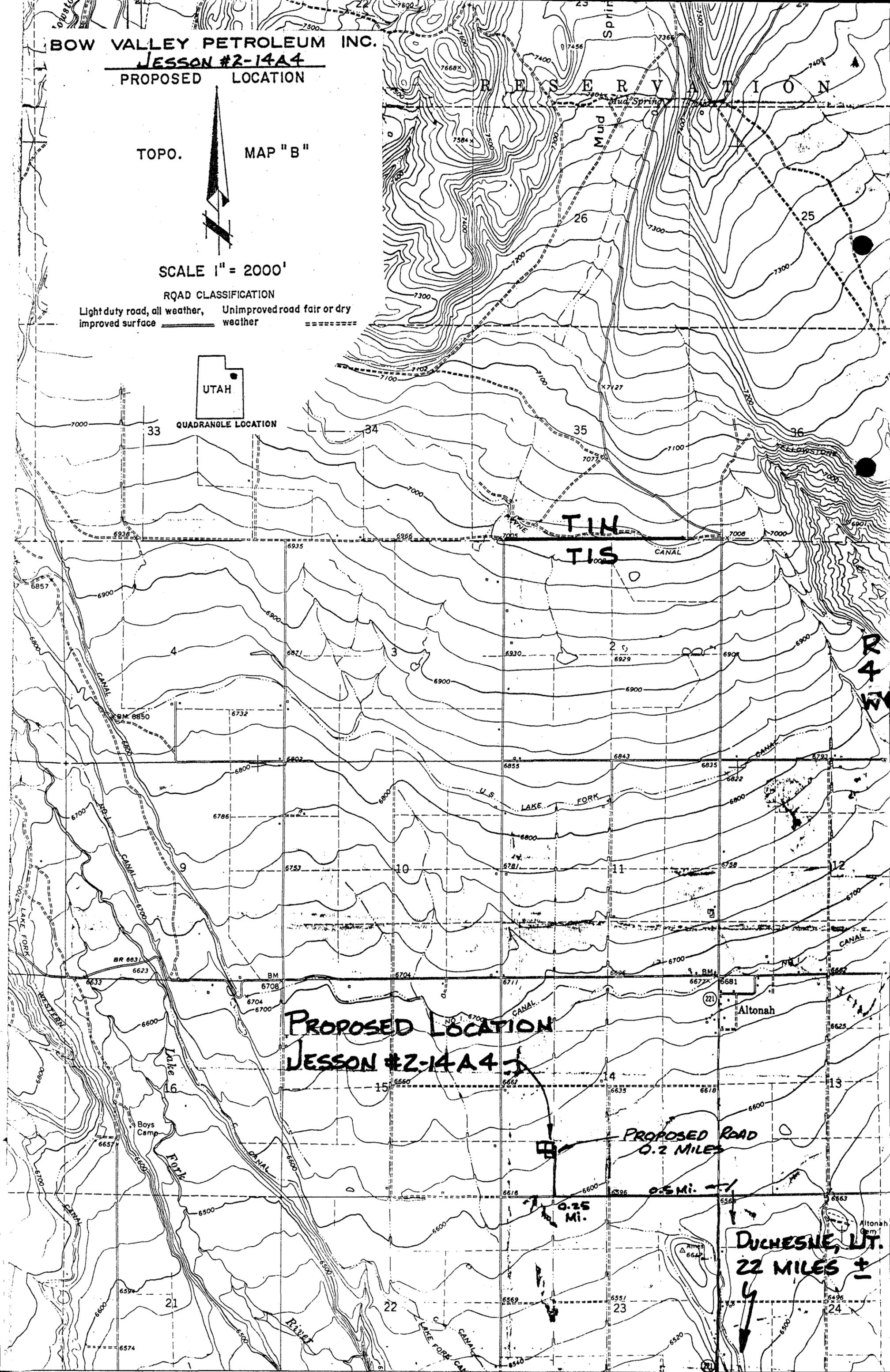
**PROPOSED LOCATION**  
**JESSON #2-14A4**

**PROPOSED ROAD**  
**0.2 MILES**

0.5 Mi.

0.25 Mi.

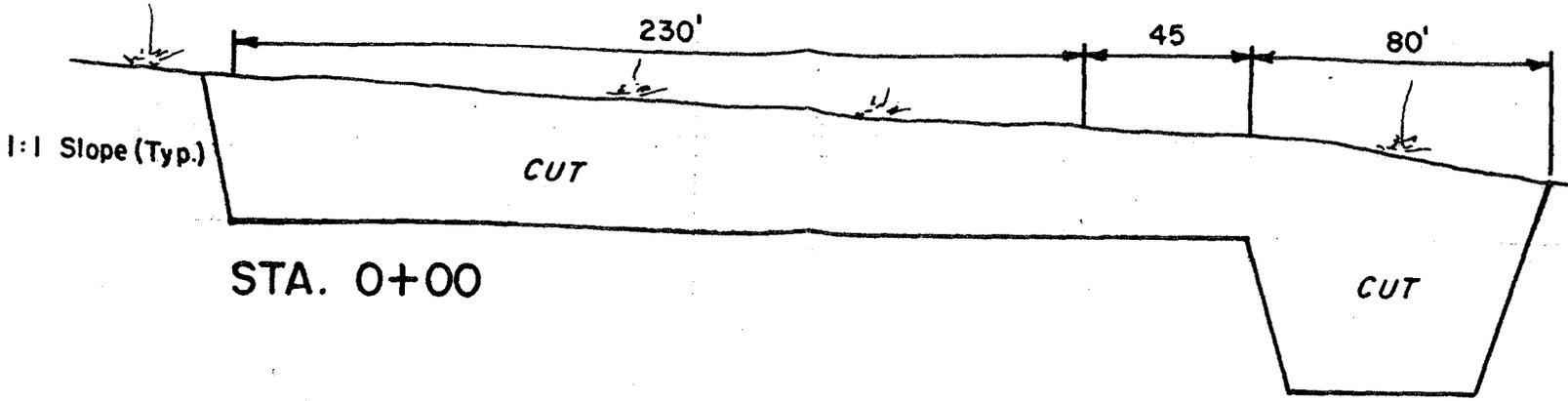
**DUCHESNE, UT.**  
**22 MILES ±**



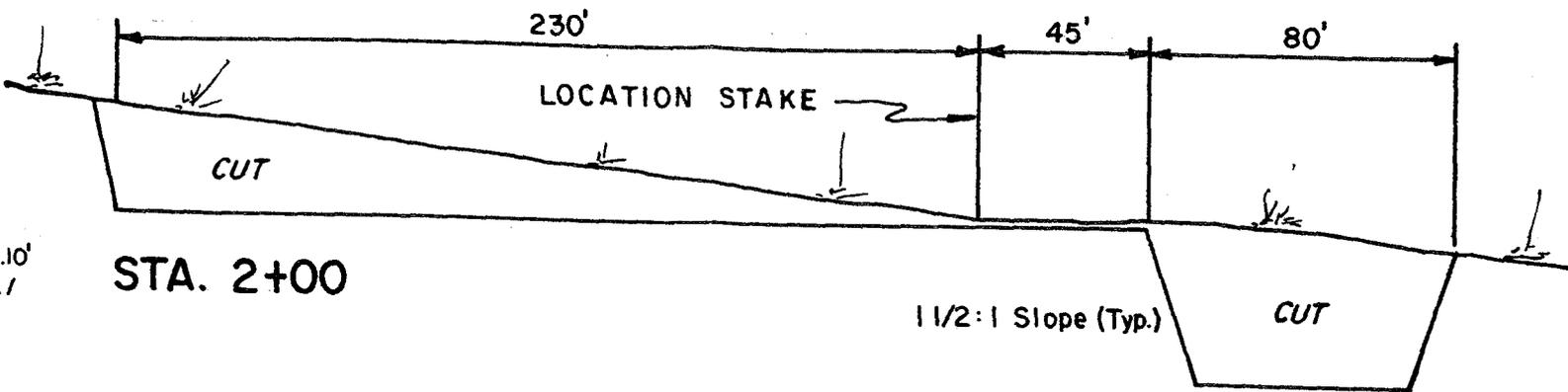
# BOW VALLEY

JESSON # 2-14A4

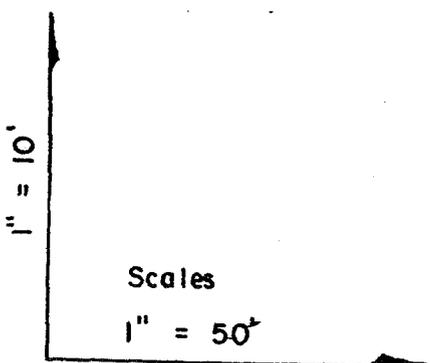
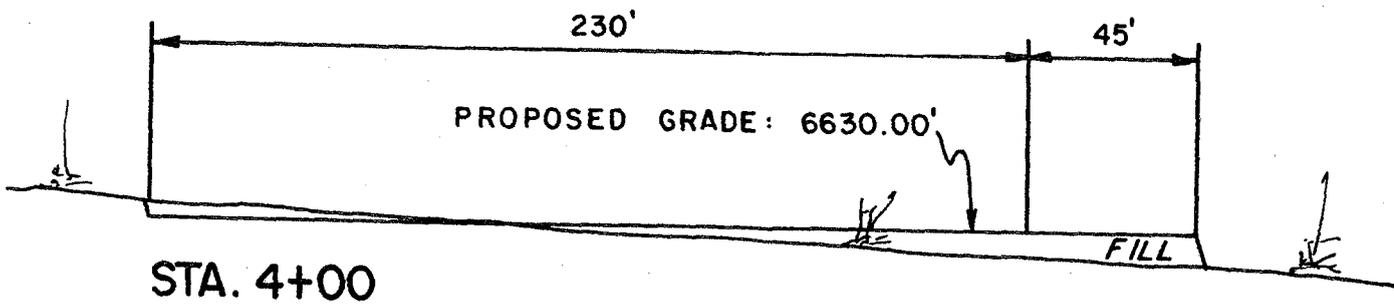
(A) 6633.70'  
C-11.7 to bottom pit.



(B) 6629.10'  
C-7.1



SCALE : 1" = 50'  
DATE : 3/12/86



NOTE: THESE YARDAGES ARE ASSUMED BUT RELATIVE

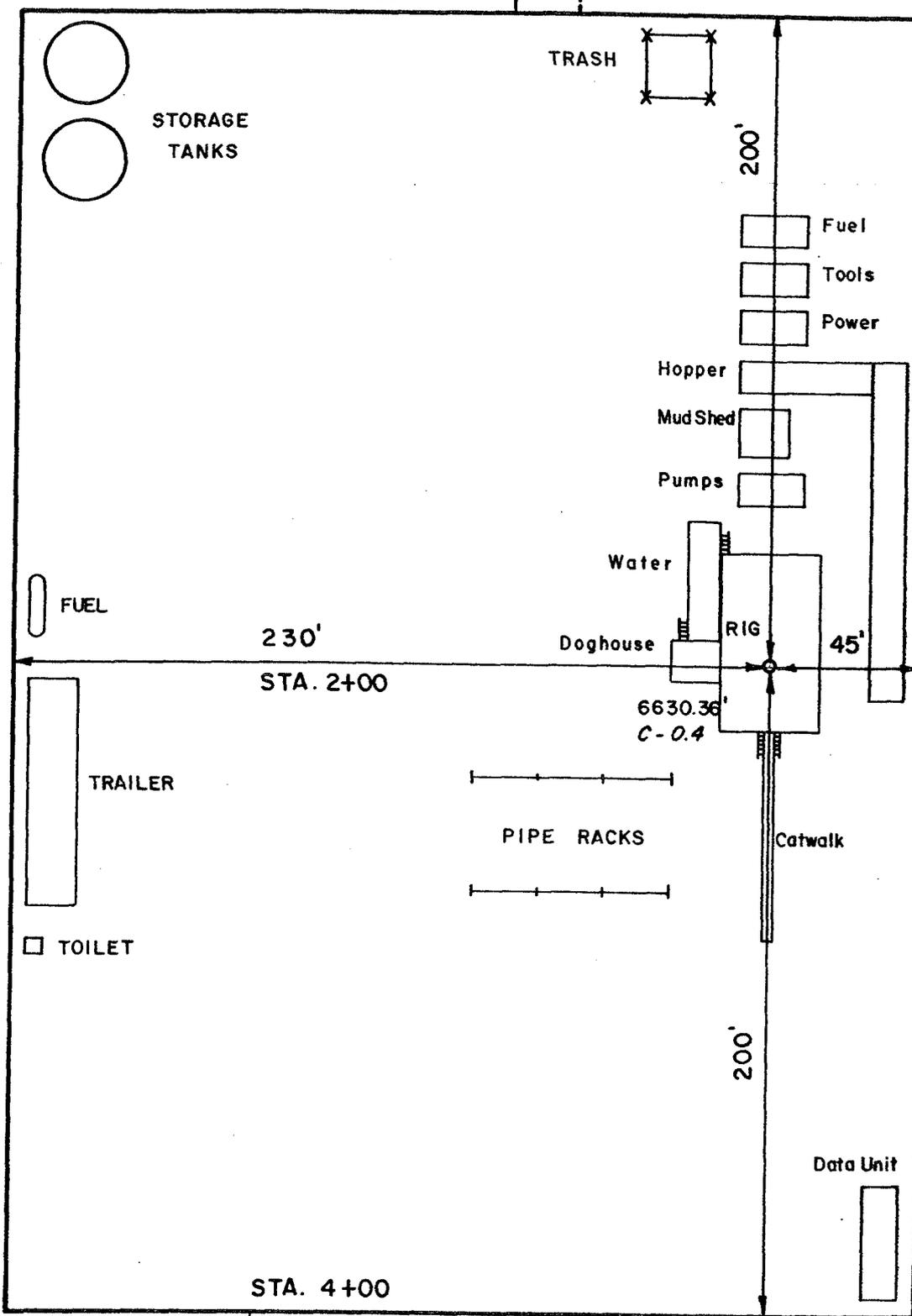
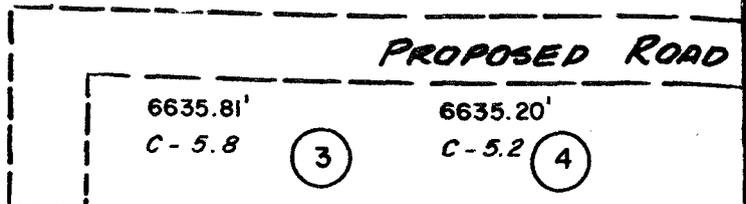
APPROXIMATE YARDAGES

Cubic Yards Cut = 18,600

Cubic Yards Fill = 700

7.68'  
7.7' (2)

STA. 0+00



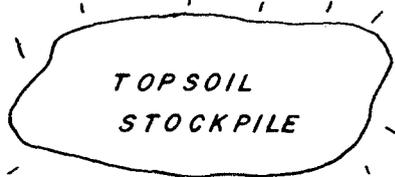
56' (1)

(5) 6630.40' C-0.4

30' (8)

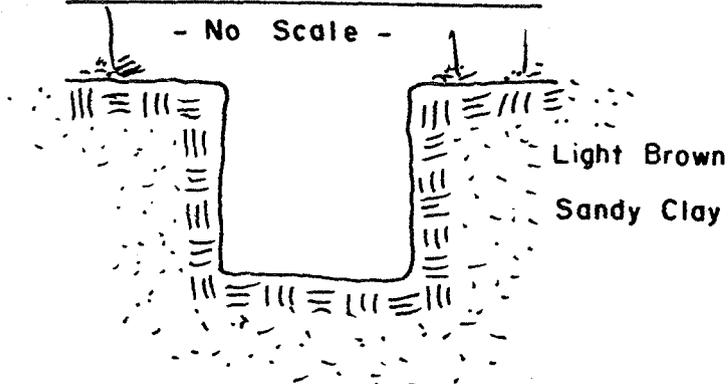
6628.70' (7) F-1.3

(6) 6628.20' F-1.8



SOILS LITHOLOGY

- No Scale -





**APD TECHNICAL REVIEW**

OPERATOR Bow Valley Pet. WELL NAME Jessen 2-14AH  
 LOCATION: SEC. 14 T. 15 R. 4W  
 COUNTY Duchesne FIELD Altamont  
 LEASE: SURFACE Fee MINERAL Fee  
 OBJECTIVE FORMATION/DEPTH: 16,000' / Wls 54th  
 SPACING: 1320' FM OIL; 1320' FM GAS  
139-42 660' Fm Bandangs

**CONTACTS:**

OPERATOR Bow Valley Pet. (Mark Wagner) PHONE # (303) 861-4366  
 DIRT CONTRACTOR John Faucett PHONE # (801) 722-5894  
 SURFACE OWNER Norma & Ned Mitchell (Jessen) PHONE # (801) 454-3613  
 OTHER \_\_\_\_\_ PHONE # ( )  
 OTHER \_\_\_\_\_ PHONE # ( )

PRE-SITE INSPECTION DATE: 4-17-86  
 PAD CONSTRUCTION DATE: \_\_\_\_\_ INSPECTION DATE: \_\_\_\_\_  
 SPUD DATE: \_\_\_\_\_ INSPECTION DATE: \_\_\_\_\_  
 TD DATE: \_\_\_\_\_ INSPECTION DATE: \_\_\_\_\_  
 REHAB COMPLETION DATE: \_\_\_\_\_ INSPECTION DATE: \_\_\_\_\_

**SUBSURFACE GEOLOGY:**

ABNORMAL PRESSURES: None anticipated.  
 WATER ZONES: 12-80 Fresh ; 1100-1130 Fresh (Sm 1-14A1)  
 OIL ZONES: GRRV 200'-13,000' ; Wlsch 14,800-TD  
 GAS ZONES: GRRV 200'-13,000' ; Wlsch 14,800-TD

**CHECKLIST (BY WHOM AND WHEN):**

GEOLOGY (SURFACE FM, TOPS & TD) ok 4-14-86 WZ  
 H<sub>2</sub>S IN AREA <sup>analysis 1-14A1</sup> None 4-14-86 WZ HYDROLOGY see water zones 4/15/86 WZ  
 SPACING (existing wells, etc.) 4-14-86 WZ  
 CASING PROGRAM \_\_\_\_\_ MUD PROGRAM \_\_\_\_\_  
 SUBSURFACE PRESSURES 4-14-86 WZ LOG PROGRAM \_\_\_\_\_  
 SITE LAYOUT \_\_\_\_\_ RESERVE PIT \_\_\_\_\_  
 PRODUCTION PIT \_\_\_\_\_ WATER SUPPLY \_\_\_\_\_  
 DESIGNATION OF OPERATOR Bow Valley Oil & Gas 4/14/86 WZ  
 REHABILITATION PROGRAM \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
DRILLING LOCATION ASSESSMENT

OPERATOR Bow Valley Pet WELL NAME Jessen 2-14A4  
LOCATION: COUNTY Duchesne SECTION 14 T 15 R 4W  
QTR/QTR NESW 1547 F S L & 1565 F W L  
SURFACE OWNERSHIP Fee MINERAL LEASE # Fee

ASSESSMENT PARTICIPANTS:

DATE 4 / 17 / 86

John Faucett

Dirt Contractor

William Moore

DOG M

Jim Thompson

DOG M

Mac Jessen

Lease owner (purchaser)

Norma Mitchell

Leaseowner

Bill McClure

Dirt operator

I. REGIONAL SETTING/TOPOGRAPHY

Winter Basin, N-S Plateaus extending south into the Basin.

II. LAND USE

A. Current Surface Use:

Agricultural flat land.

B. Proposed Surface Disturbance:

400' X (230' + 45' + 80') ~ 6' cut on N 3/5' fill to S.

Remove Topsoil and stockpile on the SE side of the pad.

C. Affected Floodplains and/or Wetlands:

Agricultural irrigation

III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Cobble w/ clayey silty sand, of the Uinta Fm., moderately permeable  
Unified soils class Group SM

2. Stability -

stable on flat lands

B. Soils:

1. Soil Characteristics -

Shallow horizons of clayey sandy silt - 6-8" deep

2. Erosion/Sedimentation -

Erodable on slopes of embankments

C. Water Resources:

irrigated land, water wells 40'-100' deep for household use

D. Flora/Fauna:

limestone agricultural, grasses, alfalfa

E. Cultural Resources/Archeology:

AAA

F. Adequacy of Restoration Plans:

None

IV. RESERVE PIT

A. Characteristics:

80' x 200' in cobble claysilt sand of the Uinta Fm.  
dug in to Fm. below soil horizons.

B. Lining:

Fm 3 soils unsuitable for pit liner, relative value of 4 for embankments, 10 for erosion resistance (poor), and 5 for an earth lining ( )

V. OTHER OBSERVATIONS

Land owner complains about location being in center of 80 acre field which will prevent walking sprinkler system from moving through both 40 acre tracts. Would prefer to move to SWSW quarter.

VI. STIPULATIONS FOR APD APPROVAL:

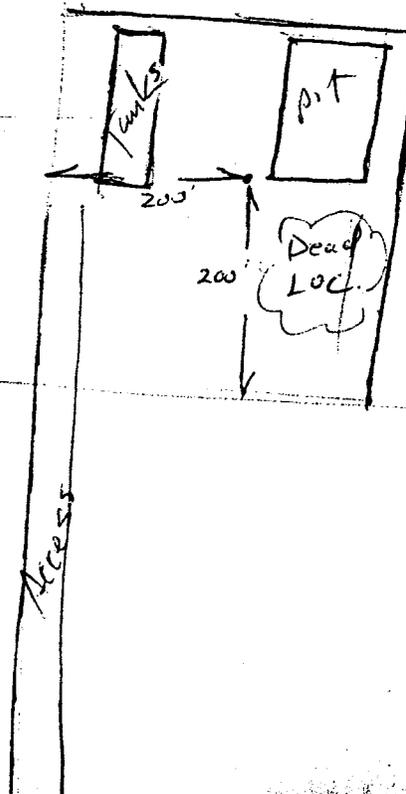
line pit with 2 lbs/sqft. commercial bentonite, which may be worked into pit lining or premixed on to sides & pit bottom

48 hr's notification prior to construction at the drill site

County Health Reg's

VII. ATTACHMENTS

- A. Sketch of Drill Site
- B. Photographs
- C. Maps





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

April 22, 1986

Bow Valley Petroleum, Inc.  
1700 Broadway, Suite 900  
Denver, Colorado 80290

AMENDED APPROVAL

Gentlemen:

Re: Well Name: Jessen 2-14A4 - NE SW Sec. 14, T. 1S, R. 4W  
1547' FSL, 1565' FWL - Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 139-42 dated April 17, 1985 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Pit shall be lined with bentonite, 2 lbs. per sq. ft.
3. This office shall receive notice at least 48 hours prior to beginning construction of proposed drill site.

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 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2  
Bow Valley Petroleum, Inc.  
Well Name: Jessen 2-14A4  
April 22, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each 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.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31160.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

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

8159T

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

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

|  |
|--|
| 5. LEASE DESIGNATION AND SERIAL NO.<br><del>14-20-H62-1588</del> FEE |
| 6. IF INDIAN, ALLOTTED OR TRIBE NAME<br><del>UTE TRIBAL</del>        |
| 7. UNIT AGREEMENT NAME<br>SHINER 1-14A4                              |
| 8. FARM OR LEASE NAME<br>JESSEN                                      |
| 9. WELL NO.<br>2-14A4  |
| 10. FIELD AND POOL, OR WILDCAT<br>ALTAMONT                           |
| 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA<br>14-T1S-R4W       |
| 12. COUNTY OR PARISH<br>Duchesne                                     |
| 13. STATE<br>Utah  |

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Bow Valley Petroleum Inc.

3. ADDRESS OF OPERATOR  
1700 Broadway, Suite 900, Denver, Colorado 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1110'FWL, 1110'FSL, SW/SW

14. PERMIT NO.  
43-013-31160

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6620' Ungraded G.L.

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

In an effort to cooperate with surface owners in the NE/SW, the location of this proposed well will be moved 437' South and 455' West (631'SW) of the original approved location. Item #4 above is the new, correct location.

RECEIVED  
MAY 19 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct  
SIGNED [Signature] TITLE Senior District Engineer DATE 5-14-86

(This space for Federal or State office use)

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

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 5-27-86  
BY: [Signature]

\*See Instructions on Reverse Side

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-013-31160

NAME OF COMPANY: BOW VALLEY PETROLEUM

WELL NAME: JESSON 2-14A4

SECTION SW SW 14 TOWNSHIP 1S RANGE 4W COUNTY Duchesne

DRILLING CONTRACTOR Bill Martin, Jr.

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

SPUDDED: DATE 5-15-86

TIME 11:45 AM

How Rat Hole Digger

DRILLING WILL COMMENCE 5-19-86 - Cachuma - Rig 9C

REPORTED BY John Faucett

TELEPHONE # 722-5166

DATE 5-16-86 SIGNED AS



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

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

Eastern Area • State/County Building • 152 E. 100 North • Vernal, UT 84078-2110 • 801-789-3714

May 27, 1986

RECEIVED  
JUN 02 1986

DIVISION OF  
OIL, GAS & MINING

Bow Valley Petroleum  
P. O. Drawer 130  
Roosevelt, Utah 84066

RE: Temporary Change 86-43-31

Gentlemen:

The above numbered Temporary Change Application has been approved, subject to prior rights.

A copy is herewith returned to you for your records and future reference.

Sincerely yours,

Robert W. Leake, P. E.  
for Robert L. Morgan, P. E.  
State Engineer

RLM:RWL/lm

Enclosure

APPLICATION NO. 86-4331  
DISTRIBUTION SYSTEM

# Application For Temporary Change of Point of Diversion, Place or Purpose of Use STATE OF UTAH

(To Be Filed in Duplicate)

Jernalut 5-19-1986  
Place Date

For the purpose of obtaining permission to temporarily change the point of diversion, place or purpose of use  
(Strike out written matter not needed)

of water, the right to the use of which was acquired by Uintah & Ouray Water Project  
(Give No. of application, title and date of Decree and Award No.)  
to that hereinafter described, application is hereby made to the State Engineer, based upon the following showing of  
facts, submitted in accordance with the requirements of the Laws of Utah.

- The owner of right or application is Uintah & Ouray Water Project
- The name of the person making this application is U. & O. Water Project c/o Bow Valley Pet.
- The post office address of the applicant is P.O. Drawer 130, Roosevelt, Utah 84066

### PAST USE OF WATER

- The flow of water which has been used in second feet is N/A
- The quantity of water which has been used in acre feet is N/A
- The water has been used each year from January 1 to December 31, incl.  
(Month) (Day) (Month) (Day)
- The water has been stored each year from \_\_\_\_\_ to \_\_\_\_\_, incl.  
(Month) (Day) (Month) (Day)
- The direct source of supply is Lake Fork River in Duchesne County.
- The water has been diverted into South Lateral #5 ~~99%~~ canal at a point located N80°18' W. 5725 ft.  
from the Center of Sec. 33, T1N, R4W, USB&M
- The water involved has been used for the following purpose: Irrigation

Total 1231.76 Acres.

NOTE: If for irrigation, give legal subdivisions of land and total acreage which has been irrigated. If for other purposes, give place and purpose of use.

### THE FOLLOWING TEMPORARY CHANGES ARE PROPOSED

- The flow of water to be changed in cubic feet per second is \_\_\_\_\_
- The quantity of water to be changed in acre-feet is 3 acre feet
- The water will be diverted into the Existing Pond ~~99%~~ canal at a point located adjacent to the  
canal in the SW of the SW of Section 14, T1S, R4W, Duchesne County, Utah.
- The change will be made from May 19 1986 to October 31 1986  
(Period must not exceed one year)
- The reasons for the change are Water will be purchased from the U. & O. Water Project  
to drill and complete an oil well in the same legal subdivision
- The water involved herein has heretofore been temporarily changed \_\_\_\_\_ years prior to this application.  
(List years change has been made)
- The water involved is to be used for the following purpose: Drilling and Completion of an oil  
well in the SW SW, Section 14, T1S, R4W, Duchesne County, Utah,  
(JESSEN 2-14A4) Total \_\_\_\_\_ acres.

NOTE: If for irrigation, give legal subdivisions of land to be irrigated. If for other purposes, give place and purpose of proposed use.

### EXPLANATORY

Purchase Price for Uintah & Ouray Water \$3,500.00

A filing fee in the sum of \$5.00 is submitted herewith. I agree to pay an additional fee for either investigating or advertising this change, or both, upon the request of the State Engineer.

[Signature]  
Signature of Applicant

RULES AND REGULATIONS

(Read Carefully)

This application blank is to be used only for temporary change of point of diversion, place or nature of use for a definitely fixed period not to exceed one year. If a permanent change is desired, request proper application blanks from the State Engineer.

Application for temporary change must be filed in duplicate, accompanied by a filing fee of \$7.50. Where the water affected is under supervision of a Water Commissioner, appointed by the State Engineer, time will be saved if the Application is filed with the Commissioner, who will promptly investigate the proposed change and forward both copies with filing fee and his report to the State Engineer. Applications filed directly with the State Engineer will be mailed to the Water Commissioner for investigation and report. If there be no Water Commissioner on the source, the Application must be filed with the State Engineer.

When the State Engineer finds that the change will not impair the rights of others he will authorize the change to be made. If he shall find, either by his own investigation or otherwise, that the change sought might impair existing rights he shall give notice to persons whose rights might be affected and shall give them opportunity to be heard before acting upon the Application. Such notice shall be given five days before the hearing either by regular mail or by one publication in a newspaper. Before making an investigation or giving notice the State Engineer will require the applicant to deposit a sum of money sufficient to pay the expenses thereof.

Address all communications to:

State Engineer
State Capitol Building
Salt Lake City, Utah

STATE ENGINEER'S ENDORSEMENTS

(Not to be filled in by applicant)

Change Application No. (River System)

- 1. Application received by Water Commissioner (Name of Commissioner)
Recommendation of Commissioner
2. 5-19-86 Application received over counter by mail in State Engineer's Office by L.M.
3. Fee for filing application, \$7.50 received by ; Rec. No.
4. Application returned, with letter, to , for correction.
5. Corrected application resubmitted over counter by mail to State Engineer's Office.
6. Fee for investigation requested \$
7. Fee for investigation \$ , received by ; Rec. No.
8. Investigation made by ; Recommendations:
9. Fee for giving notice requested \$
10. Fee for giving notice \$ , received by ; Rec. No.
11. Application approved for advertising by publication by mail
12. Notice published in
13. Notice of pending change application mailed to interested parties by as follows:
14. Change application protested by (Date Received and Name)
15. Hearing set for , at
16. 5-27-86 Application recommended for rejection approval by RWL
17. 5-27-86 Change Application rejected approved and returned to

THIS APPLICATION IS APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:

- 1.
2.
3.

Robert L. Morgan, P. E. State Engineer (Signature) P.E. for

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
UINTAH AND OURAY AGENCY  
Fort Duchesne, Utah 84026

No. WP-86-22

PERMIT FOR USE OF WATER

1. Permission is granted to BOW VALLEY PETROLEUM INC., hereinafter referred to as Permittee, by the Bureau of Indian Affairs, hereinafter referred to as Permitter, to enter upon Indian owned trust lands to draw water for the purpose of an oil and/or gas well drilling operation located in SEC. 14-T1S-R4W, (SW $\frac{1}{4}$ SW $\frac{1}{4}$ ), water to be drawn from South Lateral No. 5 Canal (water to drill and complete Jessen 2-14A4, Duchesne County, UT).
2. In consideration of the water claimed by the Bureau of Indian Affairs, the Permittee will pay the sum of \$ 3,500.00, by Cashiers Check or Certified Check, payable to the Bureau of Indian Affairs.
3. The Permittee agrees:
  - a. The Permitter can make no guarantee as to amount of or time of year that such water will be available. It is understood that availability is totally dependent of the natural supply of water.
  - b. All facilities including, but not limited to pipe and pumps, installed by the Permittee must be of such nature and design so as not to in any way interfere with the delivery of irrigation water.
  - c. Upon completion or apparent abandonment of the oil and/or gas well for which this drilling permit is granted, the Permittee will repair any damages and remove or be responsible for the cost of removal of any facilities installed by the Permittee.

d. LIABILITY: Permittee is liable for all damages that result from his operations, or for injury to the Permitter or his property, including live-stock; to lessees, licensees and surface owners. The Permittee agrees to save and hold harmless the Permitter and the United States and its officers, representatives and employees, and the surface owners or their tenants from all suits for injury or claims for damage to persons and property from the Permittee's operations under this permit.

e. BOND: To guarantee performance under this permit, a bond is to be furnished as follows: Travelers Indemnity Bond No. 709E192-4  
(\$15,000.00)

f. TERM: Permittee is granted use of water subject to conditions hereinabove stated for a period beginning with the date of approval of this permit, and ending upon completion of the well or 90 days after the date of approval of this permit (which ever comes first).

g. All conditions of this permit are thoroughly understood and only those specifically stated herein are intended to be granted.

h. Issue copy of permit to each water hauler.

i. Remind company personnel that carrying firearms while on the Uintah and Ouray Reservation is prohibited.

PERMITTEE:

BOW VALLEY PETROLEUM, INC.

By: Richard A. Aschum <sup>Engineering Technician</sup>  
NAME AND TITLE

PERMITTER: BIA IRRIGATION

By: Barton E. Bannion

APPROVED: 5/19/86  
(date)

EXPIRES: August 18, 1986  
(date)

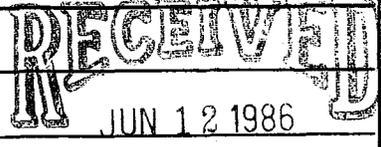
[Signature]  
SUPERINTENDENT  
UINTAH AND OURAY AGENCY

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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



1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Bow Valley Petroleum, Inc.

3. ADDRESS OF OPERATOR  
P.O. Drawer 130, Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1110' FWL, 1112' FSL, SW SW

14. PERMIT NO.  
43-013-31160

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
6620' Ungraded ground level

5. LEASE DESIGNATION AND SERIAL NO.  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Jessen

9. WELL NO.  
2-14A4

10. FIELD AND POOL, OR WILDCAT  
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec.14, T1S, R4W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was spudded 5-15-86. Depth on that day was 40'.

Bow Valley commenced drilling the well on 5-25-86 @ 9:00 p.m. Depth @ midnight that day was 137'.

Drilling Contractor for this well is Cachuma Drilling, Rig 9-C.

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

SIGNED Michelle Mecham TITLE Eng. Technician DATE 6-11-86

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

072816

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR: Bow Valley Petroleum, Inc.

3. ADDRESS OF OPERATOR: P.O. Drawer 130, Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State Oil, Gas & Mining Code. See also space 17 below.)  
At surface: 1110' FWL, 1112' FSL, SW SW

5. LEASE DESIGNATION AND SERIAL NO.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: Jessen

9. WELL NO.: 2-14A4

10. FIELD AND POOL, OR WILDCAT: Altamont- Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T1S, R4W

12. COUNTY OR PARISH: Duchesne

13. STATE: Utah

14. PERMIT NO.: 43-013-31160

15. ELEVATIONS (Show whether DF, RT, OR, etc.): 6620' Ungr GL

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MONTHLY DRILLING REPORT FOR MAY & JUNE 1986

| DATE      | DAY | DRLG | DEPTH | OPERATION  | DATE    | DEPTH |        |
|-----------|-----|------|-------|--|---------|-------|--------|
| May 22-24 |     |      |       | Rigging up.  | June 16 | 23    | 7819'  |
| May 25    | 1   |      | 73'   | Spud well @ 9:00 P.M.                                    | June 17 | 24    | 8034'  |
| May 26    | 2   |      | 187'  | Drilling 12 1/2" hole.                                   | June 18 | 25    | 8217'  |
| May 27    | 3   |      | 1340' | "  | June 19 | 26    | 8488'  |
| May 28    | 4   |      | 1691' | Drlg, Twisted off, fishing.                              | June 20 | 27    | 8771'  |
| May 29    | 5   |      | 1691' | Fishing  | June 21 | 28    | 9254'  |
| May 30    | 6   |      | 1691' | Open hole up to 17 1/2" @234', fishing.                  | June 22 | 29    | 9485'  |
| May 31    | 7   |      | 1691' | Run 13-3/8" csg, drlg boulders.                          | June 23 | 30    | 9723'  |
| June 1    | 8   |      | 1691' | Run more 13-3/8" csg, cmt csg.                           | June 24 | 31    | 9901'  |
| June 2    | 9   |      | 1691' | Drlg @1582', PU washpipe & TIH.                          | June 25 | 32    | 10136' |
| June 3    | 10  |      | 1729' | Corrected depth. Washover, catch fish w/overshot & POOH. | June 26 | 33    | 10290' |
| June 4    | 11  |      | 2411' | Drlg 12 1/2" hole.                                       | June 27 | 34    | 10438' |
| June 5    | 12  |      | 3243' | "  | June 28 | 35    | 10562' |
| June 6    | 13  |      | 3243' | Run & Cmt 9-5/8" csg.                                    | June 29 | 36    | 10680' |
| June 7    | 14  |      | 3243' | WOC. NU & strap in hole.                                 | June 30 | 37    | 10894' |
| June 8    | 15  |      | 4454' | Drlg cmt & 8-3/4" hole.                                  |         |       |        |
| June 9    | 16  |      | 5300' | Drlg 8-3/4" hole.  |         |       |        |
| June 10   | 17  |      | 6000' | "  |         |       |        |
| June 11   | 18  |      | 6166' | "  |         |       |        |
| June 12   | 19  |      | 6575' | "  |         |       |        |
| June 13   | 20  |      | 6971' | "  |         |       |        |
| June 14   | 21  |      | 7195' | "  |         |       |        |
| June 15   | 22  |      | 7528' | "  |         |       |        |

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

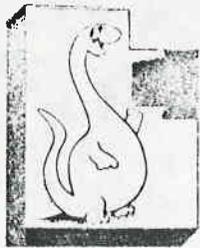
SIGNED: Michelle M. Mecham TITLE: Eng. Technician DATE: 7-21-86

(This space for Federal or State office use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

2-1494  
Jessen



# UINTAH BASIN DISTRICT HEALTH DEPARTMENT

|  |                |                          |
|--|----------------|--------------------------|
| Utah County Courthouse, Rm 20, Vernal, UT 84078                | (801) 789 1261 | <input type="checkbox"/> |
| Duchesne County Courthouse, Box 210, Duchesne, UT 84021        | (801) 738 5370 | <input type="checkbox"/> |
| Daggett County Courthouse, Box 156, Manila, UT 84046           | (801) 784 3494 | <input type="checkbox"/> |
| Roosevelt Branch Office, 133 No. 100 East, Roosevelt, UT 84066 | (801) 722 5085 | <input type="checkbox"/> |
| Environmental Health, Rm 20, Courthouse, Vernal, UT 84078      | (801) 789 0172 | <input type="checkbox"/> |

Joseph B. Shaffer, M.A.  
Health Director

Lorraine Wilson, R.N.  
Nursing Supervisor

Lowell Card, R.S.  
Environmental Health  
Supervisor

Gail K. Brown, B.S.  
Health Educator

Richard Jolley, D.D.S.  
Dental Director

**Board of Health Members**

LaRae Sadler\*  
 Thomas Howells  
 Alton Moon  
 William Durant, M.D.  
 Keith Goodspeed  
 Ellen Rawlings  
 Neal Domgaard

\*Chairman

July 25, 1986

Bow Valley Petroleum Inc.  
P.O. Drawer 130  
Roosevelt, Utah 84066

RECEIVED

JUL 30 1986

DIVISION OF OIL  
GAS & MINING

Dear Bow Valley,

A wastewater system inspection was conducted at your drilling rig site Section 14 1S 4W northwest of Altamont on July 23, 1986. The trailers located on this property have holding tanks from Rocket Sanitation. It was also found that you are running gray water from the SW trailer onto the ground surface. Wastewater was over one foot deep in a 25 foot trench behind this trailer.

You are in violation of the Utah Department of Health Regulations for Individual Wastewater Disposal Systems, 2.8 No Discharge to Surface Waters or Ground Surface.

Those items that need corrected are listed below:

1. You must discontinue to discharge any trailer wastewater onto the ground surface.
2. You must apply for a wastewater permit application for Drilling Sites. Fill out the enclosed application and submit it with the \$35.00 fee.

These corrections need to be made immediately. You have ten days to complete corrections. Failure to make corrections will result in further legal action against you.

Enclosed is a copy of the wastewater inspection conducted on July 23, 1986. If we can be of service please contact our Roosevelt Office at 722-5085.

Sincerely,

Ed Riege, R.S.  
Environmental Health Specialist

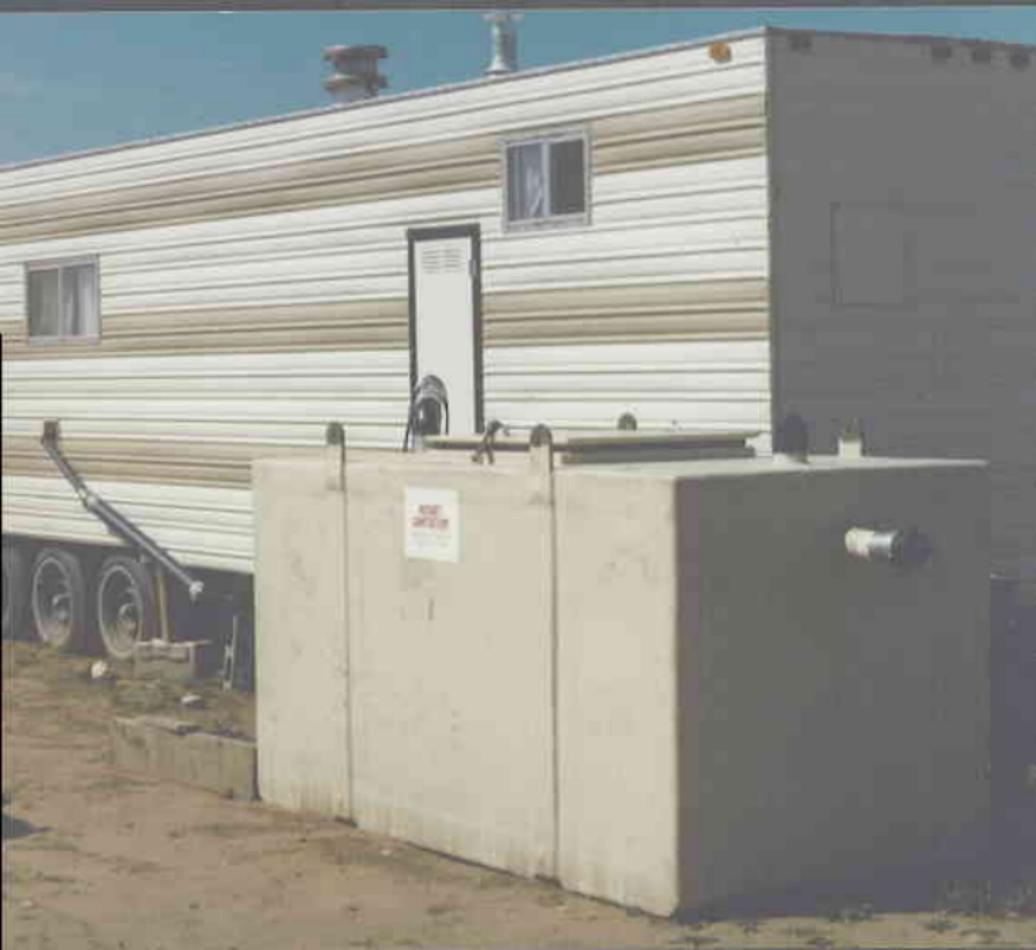
ER/rs

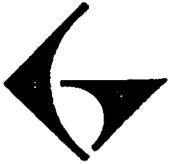
CC: Lowell Card  
Diane Johnson, Division of Oil, Gas and Mining

BOW VALLEY PETROLEUM  
WELL NO. JESSON #2-14A4  
Sec.14, T.1S, R.4W,  
DUCHESNE COUNTY, UTAH



BOW VALLEY PETROLEUM  
WELL NO. JESSON # 2-14A4  
Sec. 14, T.1S, R.4W,  
DUCHESNE COUNTY, UTAH





# Bow Valley Petroleum Inc.

P.O. Drawer 130, Roosevelt, Utah 84066

*orig file*  
*Ed Riege*

Telephone: (801) 722-5166

**RECEIVED**

July 31, 1986

AUG 04 1986

Ed Riege  
Environmental Health Specialist  
Uintah Basin District Health Dept.  
Roosevelt Office Branch  
57 North 100 East (83-7)  
Roosevelt, Utah 84066

DIVISION OF OIL  
GAS & MINING

RE: Jessen 2-14A4  
Wastewater System

This letter is in reply to your letter dated July 25, 1986,  
as refers to the violations Item #1 and Item #2.

In Item #1 you requested that trailer wastewater not be dis-  
charged onto the ground surface. The gray-colored water that  
is coming from the northwest trailer consists of fresh water  
and formation cutting residue after cuttings are washed off  
and analyzed in the mud-loggers trailer.

Item #2 requests that a wastewater permit be obtained for the  
drilling site. The permit was sent to your office on 7-28-86  
along with a detailed diagram of the drill site. The permit  
fee of \$35.00 is included with this letter.

If we may be of further assistance in this matter, please let  
us know.

Very truly yours,

Michelle Mecham  
Eng. Technician

MM

Attachments

CC: Diane Johnson, Division of Oil, Gas, & Mining

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

081309

*Sup*

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
BOW VALLEY PETROLEUM, INC.

3. ADDRESS OF OPERATOR  
P.O. DRAWER 130, ROOSEVELT, UTAH 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations. See also space 17 below.)  
At surface  
1110' FWL, 1112' FSL, SW SW

14. PERMIT NO. 43-013-31160

15. ELEVATIONS (Show whether OP, RT, CR, etc.)  
6620' Ungr GL

RECEIVED  
AUG 11 1986

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Jessen

9. WELL NO.  
2-14A4

10. FIELD AND POOL, OR WILDCAT  
Altamont - Wasatch

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Sec. 14, T1S, R4W

12. COUNTY OR PARISH 13. STATE  
Duchesne Utah

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MONTHLY DRILLING REPORT FOR JULY 1986

| DATE    | DAY DRLG | DEPTH  | OPERATION            |         |    |        |
|---------|----------|--------|----------------------|---------|----|--------|
| 7-1-86  | 38       | 11064' | Drilling 8-3/4" Hole | 7-23-86 | 60 | 13887' |
| 7-2-86  | 39       | 11168' | "                    | 7-24-86 | 61 | 14045' |
| 7-3-86  | 40       | 11380' | "                    | 7-25-86 | 62 | 14196' |
| 7-4-86  | 41       | 11575' | "                    | 7-26-86 | 63 | 14260' |
| 7-5-86  | 42       | 11758' | "                    | 7-27-86 | 64 | 14378' |
| 7-6-86  | 43       | 11877' | "                    | 7-28-86 | 65 | 14438' |
| 7-7-86  | 44       | 12045' | "                    | 7-29-86 | 66 | 14515' |
| 7-8-86  | 45       | 12199' | "                    | 7-30-86 | 67 | 14664' |
| 7-9-86  | 46       | 12319' | "                    | 7-31-86 | 68 | 14795' |
| 7-10-86 | 47       | 12456' | "                    |         |    |        |
| 7-11-86 | 48       | 12568' | "                    |         |    |        |
| 7-12-86 | 49       | 12674' | "                    |         |    |        |
| 7-13-86 | 50       | 12784' | "                    |         |    |        |
| 7-14-86 | 51       | 12910' | "                    |         |    |        |
| 7-15-86 | 52       | 13025' | "                    |         |    |        |
| 7-16-86 | 53       | 13093' | "                    |         |    |        |
| 7-17-86 | 54       | 13249' | "                    |         |    |        |
| 7-18-86 | 55       | 13296' | "                    |         |    |        |
| 7-19-86 | 56       | 13415' | "                    |         |    |        |
| 7-20-86 | 57       | 13525' | "                    |         |    |        |
| 7-21-86 | 58       | 13611' | "                    |         |    |        |
| 7-22-86 | 59       | 13706' | "                    |         |    |        |

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

SIGNED Michelle A. Meckham TITLE Eng. Technician DATE 8-8-86

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING **092317**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**BOW VALLEY PETROLEUM, INC.**

3. ADDRESS OF OPERATOR  
**P.O. DRAWER 130, ROOSEVELT, UTAH 84066**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**1110' FWL, 1112' FSL, SW SW**

14. PERMIT NO.  
**43-013-31160**

15. ELEVATIONS (Show whether SP, ST, CR, etc.)  
**6620' Ungr GL**

5. LEASE DESIGNATION AND SERIAL NO.  
**Fee**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME  
**JESSEN**

9. WELL NO.  
**2-14A4**

10. FIELD AND POOL, OR WILDCAT  
**Altamont**

11. SEC., T., R., M., OR BLK. AND SUBST OR ABSS  
**Sec.14, T1S, R4W**

12. COUNTY OR PARISH  
**Duchesne**

13. STATE  
**Utah**

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MONTHLY DRILLING REPORT FOR AUGUST 1986

| DATE    | DAY DRLG | DEPTH  | OPERATION                |
|---------|----------|--------|--------------------------|
| 8-1-86  | 69       | 14914' | Drilling 8-3/4" Hole.    |
| 8-2-86  | 70       | 14914' | Logging 8-3/4" Hole.     |
| 8-3-86  | 71       | 14914' | "                        |
| 8-4-86  | 72       | 14906' | Running 7" Casing.       |
| 8-5-86  | 73       | 14906' | Cementing 7" Casing.     |
| 8-6-86  | 74       | 14906' | "                        |
| 8-7-86  | 75       | 14906' | Test equip & WOC.        |
| 8-8-86  | 76       | 14911' | "                        |
| 8-9-86  | 77       | 15002' | Drilling 6" Hole.        |
| 8-10-86 | 78       | 15094' | "                        |
| 8-11-86 | 79       | 15202' | "                        |
| 8-12-86 | 80       | 15314' | "                        |
| 8-13-86 | 81       | 15403' | "                        |
| 8-14-86 | 82       | 15450' | "                        |
| 8-15-86 | 83       | 15563' | "                        |
| 8-16-86 | 84       | 15685' | "                        |
| 8-17-86 | 85       | 15784' | "                        |
| 8-18-86 | 86       | 15866' | "                        |
| 8-19-86 | 87       | 15939' | "                        |
| 8-20-86 | 88       | 16023' | "                        |
| 8-21-86 | 89       | 16110' | "                        |
| 8-22-86 | 90       | 16182' | "                        |
| 8-23-86 | 91       | 16254' | "                        |
| 8-24-86 | 92       | 16337' | "                        |
| 8-25-86 | 93       | 16410' | "                        |
| 8-26-86 | 94       | 16487' | "                        |
| 8-27-86 | 95       | 16511' | Logging 6" Hole.         |
| 8-28-86 | 96       | 16511' | "                        |
| 8-29-86 | 97       | 16511' | Running 5" Liner.        |
| 8-30-86 | 98       | 16511' | Fishing & Pulling Liner. |
| 8-31-86 | 99       | 16511' | Re-running 5" Liner.     |

**RECEIVED**  
SEP 17 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Michelle M. Mecham  
MICHELLE M. MECHAM

TITLE Eng. Technician

DATE 9-12-86

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

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

SUBMIT TO FEDERAL AGENCY  
(Other instructions on reverse side)

100917

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|   |   |
|---|---|
| <p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR<br/>BOW VALLEY PETROLEUM, INC.</p> <p>3. ADDRESS OF OPERATOR<br/>P.O. DRAWER 130, ROOSEVELT, UTAH 84066</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br/>At surface<br/>1110' FWL, 1112' FSL, SW SW</p> <p>14. PERMIT NO.<br/>43-013-31160</p> | <p>5. LEASE DESIGNATION AND SERIAL NO.<br/>Fee</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br/>N/A</p> <p>7. UNIT AGREEMENT NAME<br/>N/A</p> <p>8. FARM OR LEASE NAME<br/>JESSEN</p> <p>9. WELL NO.<br/>2-14A4</p> <p>10. FIELD AND POOL, OR WILDCAT<br/>Altamont - Wasatch</p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA<br/>Sec.14, T1S, R4W</p> <p>12. COUNTY OR PARISH<br/>Duchesne</p> <p>13. STATE<br/>Utah</p> |
| <p>15. ELEVATIONS (Show whether OF, BT, OR, etc.)<br/>6620' Ungr GL</p>   |   |

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilling Report for September 1986

| Date   | Day Drlg. | Depth  | Operation                       |
|--------|-----------|--------|---------------------------------|
| 9-1-86 | 100       | 16511' | Re-running & Cementing 5" Liner |
| 9-2-86 | 101       | 16511' | WOC, Drlg cmt, LDDP             |
| 9-3-86 | 102       | 16511' | Rigging down SU, LDDP & BHA     |
| 9-4-86 | 103       | 16511' | Finish RDSU, release rig.       |

RECEIVED

OCT 03 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Michelle A. Hecham TITLE Eng. Technician DATE 10-1-86

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number JESSEN 2-14A4

Operator BOW VALLEY PETROLEUM, INC.

Address P.O. DRAWER 130, ROOSEVELT, UTAH 84066

Contractor CACHUMA DRILLING COMPANY

Address P.O. Box 1228, VERNAL, UTAH 84078

Location SW 1/4, SW 1/4, Sec. 14; T. 1S N; R. 4W E; Duchesne County  
S W

Water Sands:

|    | Depth:                  |     | Volume:<br>Flow Rate or Head- | Quality:<br>Fresh or salty- |
|----|-------------------------|-----|-------------------------------|-----------------------------|
|    | From-                   | To- |                               |                             |
| 1. | <u>NONE ENCOUNTERED</u> |     |                               |                             |
| 2. |                         |     |                               |                             |
| 3. |                         |     |                               |                             |
| 4. |                         |     |                               |                             |
| 5. |                         |     |                               |                             |

(continue on reverse side if necessary)

Formation Tops:

TGR3 ----- 11150'  
WASATCH----- 12800'

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

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

101500

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

5. LEASE DESIGNATION AND SERIAL NO.  
Fee  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
7. UNIT AGREEMENT NAME  
N/A  
8. FARM OR LEASE NAME  
Jessen  
9. WELL NO.  
2-14A4  
10. FIELD AND POOL, OR WILDCAT  
Altamont - Wasatch  
11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA  
Sec. 14, T1S, R4W

RECEIVED  
OCT 10 1986

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY   
b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.

2. NAME OF OPERATOR  
Bow Valley Petroleum, Inc.

3. ADDRESS OF OPERATOR  
P.O. Drawer 130, Roosevelt, Utah 84066 DIVISION OF OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface 1110' FWL, 1112' FSL, SW SW  
At top prod. interval reported below same  
At total depth same

14. PERMIT NO. 43-013-31160 DATE ISSUED 4-22-86

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 5-15-86 16. DATE T.D. REACHED 8-28-86 17. DATE COMPL. (Ready to prod.) 9-15-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6620' Ungr GL 19. ELEV. CASINGHEAD -----

20. TOTAL DEPTH, MD & TVD 16511' 21. PLUG, BACK T.D., MD & TVD 16495' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY -> 24. ROTARY TOOLS A11 25. CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 15407'- 16464' Lower Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN LDT, DIL, CNL, NGT, GR BHS, Calip, CBL of Cyberlog 27. WAS WELL CORED No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                                  | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---|---------------|
| 13-3/8"     | 61, 54.5, 48#   | 953'           | 20"       | 750 sx Howcolite                                  |               |
| 9-5/8"      | 36, 40#         | 3243'          | 12 1/4"   | 865sxLite, 200sx "A"                              |               |
| 7"          | 29, 32#         | 14896'         | 8-3/4"    | 75sxlead, 980sx "H", 2150sx lead "H", 1570sx tail |               |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT*       | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------------|-------------|--------|----------------|-----------------|
| 5"   | 14632'   | 16501'      | 50sx Poz, 200sx "H" |             | 2-7/8" | 15375'         | 15375'          |

31. PERFORATION RECORD (Interval, size and number) (see attached)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 15407'-16464'       | 20,000 gal 15% HCl acid          |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |                         |          |            |                         |               |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 9-16-86               | Flowing  | Producing                          |                         |          |            |                         |               |
| DATE OF TEST          | HOURS TESTED   | CHOKE SIZE                         | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
| 9-17-86               | 24   | 25                                 | ->                      | 501      | 261        | 1                       | 521           |
| FLOW. TUBING PRESS.   | CASING PRESSURE  | CALCULATED 24-HOUR RATE            | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| 220                   | ---  | ->                                 |                         |          |            | 41.1                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Gary Energy TEST WITNESSED BY Claude Crozier

35. LIST OF ATTACHMENTS Perforation Detail & Form OGC8-X 861015 cp

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED MICHELLE M. MECHAM TITLE Eng. Technician DATE 10-10-86

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP    | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|--------|--------|-----------------------------|
| TGR3      | 11150' |        |                             |
| WASATCH   | 12800' |        |                             |

**38.**

**GEOLOGIC MARKERS**

| NAME | MEAS. DEPTH | TOP |
|------|-------------|-----|
|      |             |     |

TRUE VERT. DEPTH



JESSEN 2-14A4

PERFORATION DETAIL  
(Initial Completion Perfs)

All perfs w/3-1/8" OD High Performance Csg Guns, 3 SPF, Phased 120°

|        |        |        |
|--------|--------|--------|
| 16464' | 16184' | 15851' |
| 16461' | 16177' | 15849' |
| 16427' | 16169' | 15843' |
| 16425' | 16163' | 15841' |
| 16414' | 16157' | 15796' |
| 16412' | 16154' | 15794' |
| 16410' | 16151' | 15792' |
| 16385' | 16138' | 15790' |
| 16383' | 16131' | 15788' |
| 16381' | 16118' | 15776' |
| 16370' | 16114' | 15706' |
| 16368' | 16112' | 15679' |
| 16366' | 16110' | 15592' |
| 16364' | 16107' | 15590' |
| 16351' | 16074' | 15588' |
| 16349' | 16072' | 15532' |
| 16267' | 16066' | 15489' |
| 16258' | 16030' | 15487' |
| 16256' | 16028' | 15459' |
| 16254' | 16024' | 15457' |
| 16245' | 15983' | 15441' |
| 16211' | 15981' | 15439' |
| 16205' | 15977' | 15437' |
| 16198' | 15968' | 15435' |
| 16194' | 15966' | 15433' |
| 16192' | 15964' | 15421' |
| 16190' | 15959' | 15410' |
| 16186' | 15957' | 15407' |

Total 40 intervals  
84 feet  
252 shots

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

|   |  |  |
|---|--|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>FEE                               |
| 2. NAME OF OPERATOR<br>BOW VALLEY PETROLEUM, INC.   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>N/A                              |
| 3. ADDRESS OF OPERATOR<br>P.O. DRAWER 130, ROOSEVELT, UTAH 84066  |  | 7. UNIT AGREEMENT NAME<br>N/A  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)<br>At surface<br>1110' FWL, 1112' FSL, SW SW |  | 8. FARM OR LEASE NAME<br>JESSEN  |
| 14. PERMIT NO.<br>43-013-31160  | 16. ELEVATIONS (Show whether of. rt. or. etc.)<br>6620' Ung GL | 9. WELL NO.<br>2-14A4  |
|   |  | 10. FIELD AND POOL, OR WILDCAT<br>Altamont - Wasatch                     |
|   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Section 14, T1S, R4W |
|   |  | 12. COUNTY OR PARISH<br>Duchesne   |
|   |  | 13. STATE<br>Utah  |

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 10-25-86 Bow Valley perforated additional Wasatch intervals 14886'-15358' with 3-3/8" Power-pac csg guns, 3 SPF (see attached detail). Intervals were acidized 10-30-86 with 16,000 gallons 15% HCl acid.

Average production before workover: 63 BOPD, 1.6 BWP, 60 MCFD.  
Average production after workover: 206 BOPD, .4 BWP, 150 MCFD.

RECEIVED  
DEC 01 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Michelle Mecham TITLE Eng. Technician DATE 11-24-86  
MICHELLE MECHAM

(This space for Federal or State office use)

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



**Bow Valley Exploration (U.S.) Inc.**

JESSEN 2-14A4

2nd Set of Perforations  
( 3 JSPF, phased 120°)

10-23-86

|       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|
| 15358 | 15267 | 15166 | 15076 | 15020 | 14967 |
| 15355 | 15223 | 15163 | 15071 | 15010 | 14938 |
| 15352 | 15221 | 15148 | 15069 | 15000 | 14935 |
| 15347 | 15217 | 15146 | 15062 | 14992 | 14933 |
| 15328 | 15215 | 15144 | 15057 | 14989 | 14922 |
| 15325 | 15213 | 15125 | 15053 | 14987 | 14891 |
| 15306 | 15211 | 15119 | 15049 | 14975 | 14886 |
| 15304 | 15207 | 15106 | 15043 | 14973 |       |
| 15302 | 15192 | 15103 | 15035 | 14971 |       |
| 15269 | 15190 | 15081 | 15024 | 14969 |       |

57 feet = 171 shots

Use reference log: Dual Induction-GR dated  
27th August 1986.



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. (801-538-5340)

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• BOW VALLEY PETROLEUM, INC.  
1675 BROADWAY, SUITE 2100  
DENVER CO 80202  
ATTN: JUDY WILSON

Utah Account No. NO130

Report Period (Month/Year) 3 / 87

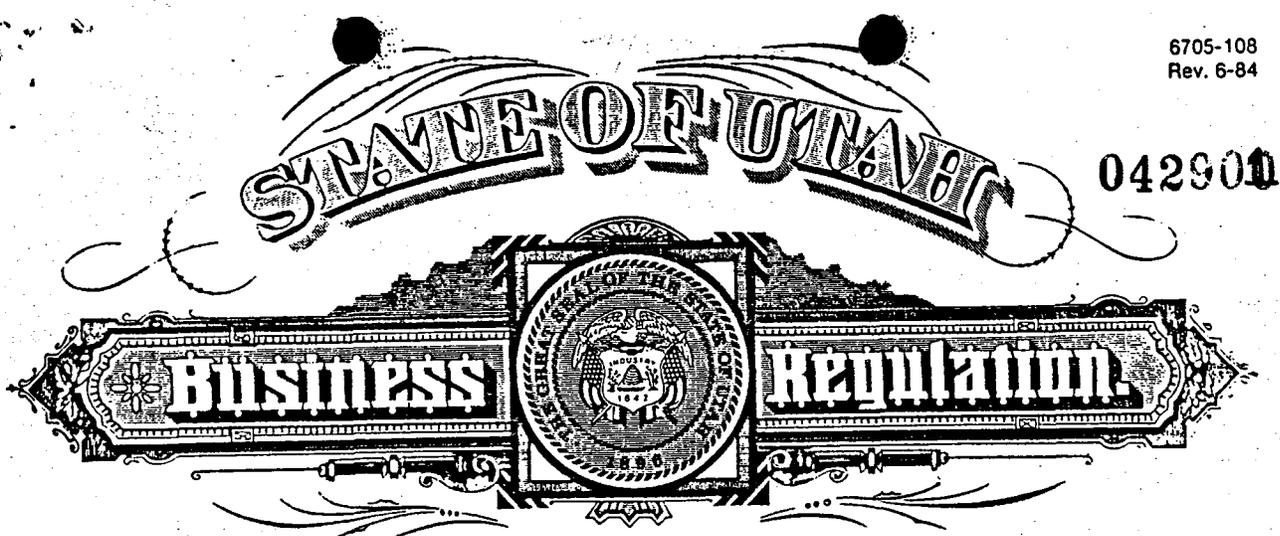
Amended Report

| Well Name  | Producing Zone | Days Oper | Production Volume |            |             |
|--|----------------|-----------|-------------------|------------|-------------|
| API Number    Entity    Location                           |                |           | Oil (BBL)         | Gas (MSCF) | Water (BBL) |
| X WESLEY BASTIAN FEE #1<br>4301310496 00942 01S 01W 8      | WSTC           |           |                   |            |             |
| X KNIGHT #1<br>4301330184 01090 02S 03W 28                 | WSTC           |           |                   |            |             |
| X MYRIN RANCH #1<br>4301330176 01091 02S 03W 20            | WSTC           |           |                   |            |             |
| X DUSTIN #1<br>4301330122 01092 02S 03W 22                 | WSTC           |           |                   |            |             |
| X HANSEN #1<br>4301330161 01093 02S 03W 23                 | WSTC           |           |                   |            |             |
| X PRESCOTT 1-35Z1<br>4304731173 01425 01N 01W 35           | WSTC           |           |                   |            |             |
| X CARRELL #1<br>4301330158 02307 02S 03W 27                | WSTC           |           |                   |            |             |
| X D.R. LONG 2-19A1E<br>4304731470 09505 01S 01E 19         | GRRV           |           |                   |            |             |
| X OBERHANSLY 2-31Z1<br>4301330970 09725 01N 01W 31         | WSTC           |           |                   |            |             |
| X MOON 2-26Z1<br>4304731480 10135 01N 01W 26               | WSTC           |           |                   |            |             |
| X MAGDALENE PAPPULOS 2-341E<br>4304730683 10610 01S 01E 34 | GRRV           |           |                   |            |             |
| X JESSEN #2-14A4<br>4301331160 10611 01S 04W 14            | WSTC           |           |                   |            |             |
| X UTE TRIBAL #2-34Z2<br>4301331167 10668 01N 02W 34        | WSTC           |           |                   |            |             |
| <b>TOTAL</b>   |                |           |                   |            |             |

Comments (attach separate sheet if necessary) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



042900

AMENDED  
 CERTIFICATE OF AUTHORITY  
 OF

.....  
 GW PETROLEUM INC.  
 .....

The Department of Business Regulation, Division of Corporations and Commercial Code, pursuant to the Utah Business Corporation Act, hereby issues an Amended Certificate of Authority to GW PETROLEUM INC., formerly BOW VALLEY PETROLEUM INC.

to transact business in the State of Utah.

File No. #79959

**RECEIVED**  
 APR 27 1987

DIVISION OF  
 OIL, GAS & MINING



Dated this 23rd day of  
 February, A.D. 19 87

*[Signature]*  
 Director, Division of Corporations and  
 Commercial Code

Filing Fee: \$25.00

File Duplicate Originals

1337 FEB 23 PM 2: 28

APPLICATION FOR  
AMENDED CERTIFICATE OF AUTHORITY  
OF

23rd Feb 87

35.00

M.C. BOW VALLEY PETROLEUM INC.  
(corporate name)

To the Division of Corporations and Commercial Code  
State of Utah

Pursuant to the provisions of Section 16-10-14 of the Utah Business Corporation Act, the undersigned corporation hereby applies for an Amended Certificate of Authority to transact business Utah, and for that purpose submits the following statement:

FIRST: A Certificate of Authority was issued to the corporation by your office on December 19, \_\_\_\_\_, 19 78, authorizing it to transact business in your State.

SECOND: The corporate name of the corporation has been changed to \_\_\_\_\_  
GW PETROLEUM INC.

THIRD: The corporation will use the changed name hereafter in Utah.

FOURTH: It desires to pursue in the transaction of business in Utah other or additional purposes than those set forth in its prior Application for a Certificate of Authority, as follows:

No change

Dated February 3, 19 87.

- Notes: 1. If the corporate name has not been changed, insert "No Change".
- 2. If no other or additional purposes are proposed, insert "NO Change".

Under penalties of perjury, we declare that this application for Amended Certificate of Authority has been examined by us and is, to the best of our knowledge and belief, true, correct and complete.

Send completed forms to:  
STATE OF UTAH  
Department of Business Regulation  
Div. of Corporations & Commercial Code  
160 E. 300 South / P.O. Box 5801  
Salt Lake City, Utah 84110 - 5801

**RECEIVED**  
APR 27 1987

DIVISION OF  
OIL, GAS & MINING

G W PETROLEUM INC.

(exact corporate name)

By [Signature]  
President or Vice President

By [Signature]  
Secretary or Assistant Secretary

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

**RECEIVED**  
OCT 26 1989  
DIVISION OF  
OIL, GAS & MINING

BLM COPY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|   |  |   |
|---|--|---|
| 1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER                    |  | 3. LEASE DESIGNATION AND SERIAL NO.                                       |
| 2. NAME OF OPERATOR<br>Flying J, Inc.   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                      |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 175 North Salt Lake, Utah 84054  |  | 7. UNIT AGREEMENT NAME<br>NW644   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br>At surface |  | 8. FARM OR LEASE NAME<br>Jessen   |
| 5. API NUMBER<br>43-013-31160   |  | 9. WELL NO.<br>2-14A4   |
| 6. ELEVATIONS (Show whether DF, XT, OR, etc.)   |  | 10. FIELD AND POOL, OR WILDCAT  |
| 7. COUNTY OR PARISH<br>Duchesne   |  | 11. SEC., T., R., M., OR B.L.C. AND SURVEY OR AREA<br>T. 1S R. 4W Sec. 14 |
| 8. STATE<br>Utah  |  | 12. COUNTY OR PARISH<br>Duchesne  |
| 9. STATE<br>Utah  |  | 13. STATE<br>Utah   |

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above well was taken over by Flying J, Inc. from GW Petroleum, effective March 15, 1989.

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

SIGNED Dan Kern TITLE Technical Assistant DATE October 25, 1989

(This space for Federal or State office use)

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

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

PERMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
9. WELL NO.  
10. FIELD AND POOL, OR WILDCAT  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
12. COUNTY OR PARISH  
13. STATE

1. OIL WELL  GAS WELL  OTHER   
2. NAME OF OPERATOR  
3. ADDRESS OF OPERATOR  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
14. PERMIT NO.  
15. ELEVATIONS (Show whether DF, RT, OR, etc.)

GW Petroleum Inc.  
1111 Bagby, Suite 1700 Houston, Texas 77002  
At surface  
See Attached  
NOV 03 1989  
DIVISION OF OIL, GAS & MINING  
Duchesne & Uintah  
Utah

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

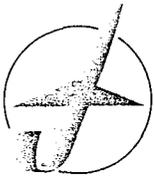
Effective April 1, 1989, Flying J Corporation took over operation of the wells listed on the following attachment.

| OIL AND GAS  |     |
|--------------|-----|
| DPN          | RJF |
| JRB          | GLH |
| 2. DTS       | SLS |
| 3. TAS       |     |
| 3. MICROFILM |     |
| 4. FILE      |     |

18. I hereby certify that the foregoing is true and correct  
SIGNED Dwight Sanders TITLE Engineering Aide DATE 10/27/89

(This space for Federal or State office use)

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



**FLYING J INC.**

333 WEST CENTER - NORTH SALT LAKE, UTAH 84054

(801) 298-7733

December 19, 1989

- ① Rwm ✓ (film)
- ② Well Files  
(see attached list)

RECEIVED  
DEC 22 1989

DIVISION OF  
OIL, GAS & MINING

Mr. Don Staley  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180

RE: GW Petroleum Sale of Properties to Flying J  
Bluebell/Altamont Fields  
Duchesne, Uintah Counties, UT

Dear Mr. Staley:

Norman Zeiler of GW Petroleum informed me today that he had received a letter from the Division of Oil, Gas & Mining indicating that per Utah statute, owners under the properties which they sold to Flying J needed to be informed of the sale. Please be advised that Flying J has sent new division orders to all royalty, overriding royalty and working interest owners based on the pay sheets we received from GW Petroleum. With the new division orders we enclosed a letter stating that Flying J had purchased these properties from GW Petroleum. That would cover all the owners in FJ operated properties for whom we had correct addresses. We have also contacted the operators for non-operated wells in order to have the revenue stream converted to FJ. The assignment showing all leases we purchased has been recorded in both Uintah and Duchesne counties. We are in the process of having non-operators under communitized locations sign designations of operator naming Flying J the new operator.

Please advise if this does not constitute notice under Utah law. If it does not, please let me know as soon as possible what additional steps need to be taken to comply.

Yours very truly,

*LaVonne J. Garrison-Stringer*  
LaVonne J. Garrison-Stringer  
Land Manager

cc: Mr. Norman Zeiler

| WELL NAME                | API NUMBER | LOCATION             |
|--------------------------|------------|----------------------|
| ✓ UTE TRIBAL #2          | 4301330020 | 00690 1S 1W 8        |
| ✓ GOSE GOVT #1           | 4304720171 | 00695 6S 21E 19      |
| ✓ GOST GOVT 2-18         | 4304720062 | 00697 6S 21E 18      |
| ✓ K. SHISLER #1          | 4301330041 | 00700 1S 1W 9        |
| ✓ UTE TRIBAL 2-35B       | 4301330106 | 00705 1N 2W 35       |
| ✓ E. YUMP #1             | 4301330167 | 00710 1N 1W 31       |
| ✓ UTE TRIBAL 1-26B       | 4301330168 | 00715 1N 2W 26       |
| ✓ FARNSWORTH #1          | 4301330109 | 00730 1S 4W 18 - Fee |
| ✓ SHINER #1-14A4         | 4301330258 | 00735 1S 4W 14 - Fee |
| ✓ BASTIAN 1-2A1          | 4304731373 | 00736 1S 1W 2 - Fee  |
| ✓ CARSON 2-36A1          | 4304731407 | 00737 1S 1W 36       |
| ✓ V. MILES #1            | 4301330275 | 00740 1S 4W 20 - Fee |
| ✓ A. RUST #2             | 4301330290 | 00745 1S 4W 22 - Fee |
| ✓ REARY 1-X17A3          | 4301330326 | 00750 1S 3W 17 - Fee |
| ✓ UTE TRIBAL 1-32Z1      | 4301330324 | 00755 1N 1W 32       |
| ✓ GOVT 4-14              | 4304730155 | 00760 6S 20E 14      |
| ✓ SADIE BLANK 1-33Z1     | 4301330355 | 00765 1N 1W 33 - Fee |
| ✓ UTE TRIBAL 1-34B       | 4301310494 | 00775 1N 2W 34       |
| ✓ UTE TRIBAL 1-16        | 4304730231 | 00780 1S 1E 16       |
| ✓ PAPADOPULOS 1-34A1E    | 4304730241 | 00785 1S 1E 34 - Fee |
| ✓ C. J. HACKFORD 1-23    | 4304730279 | 00790 1S 1E 23 - Fee |
| ✓ UTE TRIBAL 1-35A1E     | 4304730286 | 00795 1S 1E 35       |
| ✓ UTE TRIBAL 1-37A1E     | 4304730421 | 00800 1S 1E 27       |
| ✓ DAVIS 1-33             | 4304730384 | 00805 1S 1E 33 - Fee |
| ✓ UTE TRIBAL 1-22A1E     | 4304730429 | 00810 1S 1E 22       |
| ✓ LARSEN 1-25A1          | 4304730552 | 00815 1S 1W 25 - Fee |
| ✓ DRY GULCH 1-36A1       | 4304730569 | 00820 1S 1W 36 - Fee |
| ✓ NELSON 1-31A1E         | 4304730671 | 00830 1S 1E 31 - Fee |
| ✓ UTE TRIBAL 1-32A1E     | 4304730676 | 00835 1S 1E 32       |
| ✓ ROSEMARY LLOYD 1-24A1E | 4304730707 | 00840 1S 1E 24 - Fee |
| ✓ H. D. LANDY 1-30A1E    | 4304730790 | 00845 1S 1E 30 - Fee |
| ✓ UTE TRIBAL 1-15A1E     | 4304730820 | 00850 1S 1E 15       |
| ✓ WALKER 1-14A1E         | 4304730820 | 00855 1S 1E 14 - Fee |
| ✓ UTE TRIBAL 1-17A1E     | 4304730829 | 00860 1S 1E 17       |
| ✓ UTE TRIBAL 1-25A1E     | 4304730830 | 00865 1S 1E 25       |
| ✓ FAUSETT 1-26A1E        | 4304730821 | 00870 1S 1E 26 - Fee |
| ✓ HOUSTON 1-34Z1         | 4301330566 | 00885 1N 1W 34 - Fee |
| ✓ E. FISHER #2-26A4      | 4301331119 | 00890 1S 4W 26 - Fee |
| ✓ UTE TRIBAL 1-29A1E     | 4304730937 | 00895 1S 1E 29       |
| ✓ BOLTON 2-29A1E         | 4304731112 | 00900 1S 1E 29 - Fee |
| ✓ WISSE 1-28Z1           | 4301330609 | 00905 1N 1W 28 - Fee |
| ✓ POWELL 1-21B1          | 4301330621 | 00910 2S 1W 21 - Fee |
| ✓ UTE TRIBAL 2-22A1E     | 4304731265 | 00915 1S 1E 22 - Fee |
| ✓ L. BOLTON 1-12A1       | 4304731295 | 00920 1S 1W 12 - Fee |
| ✓ H. MARTIN 1-21Z1       | 4301330707 | 00925 1N 1W 21 - Fee |
| ✓ FOWLES 1-26A1          | 4304731296 | 00930 1S 1W 26 - Fee |
| ✓ LAWSON 1-21A1          | 4301330738 | 00935 1S 1W 21 - Fee |
| ✓ R. HOUSTON 1-22Z1      | 4301330884 | 00936 1N 1W 22 - Fee |
| ✓ BIRCHELL 1-27A1        | 4301330758 | 00940 1S 1W 27 - Fee |
| ✓ WESLEY BASTIAN FEE #1  | 4301310496 | 00942 1S 1W 8 - Fee  |
| ✓ KNIGHT #1              | 4301330184 | 01090 2S 3W 28 - Fee |
| ✓ MYRIN RANCH #1         | 4301330176 | 01091 2S 3W 20 - Fee |
| ✓ DUSTIN #1              | 4301330122 | 01092 2S 3W 22 - Fee |
| ✓ HANSEN #1              | 4301330161 | 01093 2S 3W 23 - Fee |
| ✓ PRESCOTT 1-35Z1        | 4304731173 | 01425 1N 1W 35 - Fee |

| WELL NAME             | API NUMBER | LOCATION             |
|-----------------------|------------|----------------------|
| ✓ KW CARRELL #1       | 4301330158 | 02307 2S 3W 27 - Fee |
| ✓ D. R. LONG 2-19A1E  | 4304731470 | 09505 1S 1E 19 - Fee |
| ✓ OBERHANSLY 2-31Z1   | 4301330970 | 09725 1N 1W 31 - Fee |
| ✓ O MOON 2-26Z1       | 4304731480 | 10135 1N 1W 26 - Fee |
| ✓ PAPADOPULOS 2-34A1E | 4304730683 | 10610 1S 1E 34 - Fee |
| ✓ JESSEN 2-14A4       | 4301331160 | 10611 1S 4W 14 - Fee |
| ✓ UTE TRIBAL #2-34Z2  | 4301331167 | 10668 1N 2W 34       |
| ✓ BASTIAN #3-8A1      | 4301331181 | 10758 1S 1W 8 - Fee  |
| ✓ LILA D. #2-25A1     | 4304731797 | 10790 1S 1W 25 - Fee |

> no documentation from Flying J  
on operator change

RECEIVED  
NOV 03 1989

OL. GAS & MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

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

December 14, 1989

GW Petroleum Inc.  
1111 Bagby  
Suite 1700  
Houston, Texas 77002

Gentlemen:

Re: Notification of Lease Sale or Transfer

The division recently received notification of a change of operator from GW Petroleum Inc. to Flying J Corporation for the following wells located on fee leases:

|                        |    |    |      |                      |
|------------------------|----|----|------|----------------------|
| Farnsworth #1          | 15 | 4W | 5-18 | API No. 43-013-30209 |
| Shiner #1-14A4         |    |    |      | API No. 43-013-30258 |
| Bastian 1-2A1          |    |    |      | API No. 43-047-31373 |
| V. Miles #1            | 15 | 4W | 5-20 | API No. 43-013-30275 |
| A. Rust #2             | 15 | 4W | 5-22 | API No. 43-013-30290 |
| Reary 1-X17A3          |    |    |      | API No. 43-013-30326 |
| Sadie Blank 1-33Z1     |    |    |      | API No. 43-013-30355 |
| Papadopulos 1-34A1E    |    |    |      | API No. 43-047-30241 |
| C.J. Hackford 1-23     | 15 | 1E | 23   | API No. 43-047-30279 |
| Davis 1-33             | 15 | 1E | 33   | API No. 43-047-30384 |
| Larsen 1-25A1          |    |    |      | API No. 43-047-30552 |
| Dry Gulch 1-36A1       |    |    |      | API No. 43-047-30569 |
| Nelson 1-31A1E         |    |    |      | API No. 43-047-30671 |
| Rosemary Lloyd 1-24A1E |    |    |      | API No. 43-047-30707 |
| H.D. Landy 1-30A1E     |    |    |      | API No. 43-047-30790 |
| Walker 1-14A1E         |    |    |      | API No. 43-047-30805 |
| Fausett 1-26A1E        |    |    |      | API No. 43-047-30821 |
| Houston 1-34Z1         |    |    |      | API No. 43-013-30566 |
| E. Fisher #2-26A4      |    |    |      | API No. 43-013-31119 |
| Boulton 2-29A1E        |    |    |      | API No. 43-047-31112 |
| Wisse 1-28Z1           |    |    |      | API No. 43-013-30609 |
| Powell 1-21B1          |    |    |      | API No. 43-013-30621 |
| Ute Tribal 2-22A1E     |    |    |      | API No. 43-047-31265 |
| L. Bolton 1-12A1       |    |    |      | API No. 43-047-31295 |
| H. Martin 1-21Z1       |    |    |      | API No. 43-013-30707 |

Page 2  
GW Petroleum Inc.  
December 14, 1989

|                       |    |     |    |                      |
|-----------------------|----|-----|----|----------------------|
| H. Martin 1-21Z1      |    |     |    | API No. 43-013-30707 |
| Fowles 1-26A1         |    |     |    | API No. 43-047-31296 |
| Lawson 1-21A1         |    |     |    | API No. 43-013-30738 |
| R. Houston 1-22Z1     |    |     |    | API No. 43-013-30884 |
| Birchell 1-27A1       |    |     |    | API No. 43-013-30758 |
| Wesley Bastian Fee #1 | 15 | 120 | 8  | API No. 43-013-10496 |
| Knight #1             | 25 | 300 | 27 | API No. 43-013-30184 |
| Myrin Ranch #1        | 25 | 300 | 27 | API No. 43-013-30176 |
| Dustin #1             | 25 | 300 | 27 | API No. 43-013-30122 |
| Hansen #1             | 25 | 300 | 27 | API No. 43-013-30161 |
| Prescott 1-35Z1       |    |     |    | API No. 43-047-31173 |
| KW Carrell #1         | 25 | 300 | 27 | API No. 43-013-30158 |
| D. R. Long 2-19A1E    |    |     |    | API No. 43-047-31470 |
| Oberhansly 2-31Z1     |    |     |    | API No. 43-013-30970 |
| O Moon 2-26Z1         |    |     |    | API No. 43-047-31480 |
| Papadopulos 2-34A1E   |    |     |    | API No. 43-047-30683 |
| Jessen 2-14A4         |    |     |    | API No. 43-013-31160 |
| Bastian #3-8A1        |    |     |    | API No. 43-013-31181 |
| Lila D. #2-25A1       |    |     |    | API No. 43-047-31797 |

Rule R615-2-10, of the Utah Oil and Gas Conservation General Rules, states:

"The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred."

This letter is written to advise GW Petroleum Inc. of its responsibility to notify all individuals with an interest in these leases of the change of operator. Please provide written documentation of this notification to the division no later than January 15, 1990.

Sincerely,



Don Staley  
Administrative Supervisor  
Oil and Gas

ldc  
cc: D.R. Nielson  
R.J. Firth  
Well files

HOI3/1

6. Lease Designation and Serial Number  
 7. Indian Allottee or Tribe Name  
 8. Unit or Communitization Agreement

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well  
 Oil Well     Gas Well     Other (specify) \_\_\_\_\_

2. Name of Operator  
 FLYING J OIL & GAS INC

3. Address of Operator  
 333 WEST CENTER STREET, N.S.L., UT 84054

4. Telephone Number  
 (801)298-7733

9. Well Name and Number  
 10. API Well Number  
 11. Field and Pool, or Wildcat

5. Location of Well  
 Footage : \_\_\_\_\_ County : \_\_\_\_\_  
 Q. Sec. T., R., M. : \_\_\_\_\_ State : UTAH

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

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

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

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

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other ANNUAL STATUS REPORT OF SHUT-IN WELLS
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

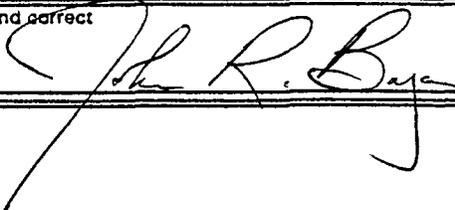
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

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

SEE ATTACHED

**RECEIVED**  
 MAR 23 1992  
 DIVISION OF  
 OIL GAS & MINING

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

Name & Signature JOHN R. BASA  Title Senior Petroleum Engineer Date 3/12/92

(State Use Only)

FLYING J OIL & GAS INC.

UTAH ANNUAL STATUS REPORT OF SHUT-IN WELLS - 1992

2-26-92

JRB

| <u>WELL NAME &amp; NO.</u> | <u>T-R-SEC</u> | <u>API NUMBER</u> | <u>LAST PRODUCED</u> | <u>REASON FOR SHUT-IN</u> | <u>FUTURE PLANS FOR WELL</u> |
|----------------------------|----------------|-------------------|----------------------|---------------------------|------------------------------|
| EVERETT YUMP 1-31Z1        | 1N-1W-31       | 43-013-30167      | AUG 84               | UNECONOMIC WELL           | P&A                          |
| UTE 1-34Z2                 | 1N-2W-34       | 43-013-10494      | SEPT 86              | UNECONOMIC WELL           | RECOMPLETE TO TGR            |
| UTE 1-16A1E                | 1S-1E-16       | 43-047-30231      | JULY 88              | UNECONOMIC WELL           | P&A                          |
| UTE 1-22A1E                | 1S-1E-22       | 43-047-30429      | AUG 85               | UNECONOMIC WELL           | P&A                          |
| FAUSETT 1-26A1E            | 1S-1E-26       | 43-047-30821      | AUG 88               | UNECONOMIC WELL           | P&A                          |
| UTE 1-32A1E                | 1S-1E-32       | 43-047-30676      | JULY 90              | UNECONOMIC WELL           | P&A                          |
| PAPADOPULOS 2-34A1E        | 1S-1E-34       | 43-047-30683      |                      | UNECONOMIC WELL           | P&A                          |
| LAWSON 1-21A1              | 1S-1W-21       | 43-013-30738      | JULY 88              | UNECONOMIC WELL           | P&A                          |
| LARSEN 1-25A1              | 1S-1W-25       | 43-047-30552      | NOV 87               | UNECONOMIC WELL           | CONVERT TO SWD               |
| WESLEY BASTIAN 1 (8A1)     | 1S-1W-8        | 43-013-10496      |                      | UNECONOMIC WELL           | P&A                          |
| UTE 2-8A1                  | 1S-1W-8        | 43-013-30020      | JAN 87               | UNECONOMIC WELL           | P&A                          |
| REARY 1X-17A3              | 1S-3W-17       | 43-013-30326      | DEC 89               | UNECONOMIC WELL           | RECOMPLETE TO TGR            |
| SHINER 1-14A4              | 1S-4W-14       | 43-013-30258      | SEPT 86              | UNECONOMIC WELL           | P&A                          |
| JESSEN 2-14A4              | 1S-4W-14       | 43-013-31160      | JULY 91              | UNECONOMIC WELL           | P&A                          |
| FARNSWORTH 1-18A4          | 1S-4W-18       | 43-013-30209      | APR 88               | UNECONOMIC WELL           | P&A                          |
| MILES 1-20A4               | 1S-4W-20       | 43-013-30275      | SEPT 86              | UNECONOMIC WELL           | RECOMPLETE TO TGR            |
| MYRIN RANCH 1-20B3         | 2S-3W-20       | 43-013-30176      | OCT 88               | UNECONOMIC WELL           | RECOMPLETE TO TGR            |
| DUSTIN 1-22B3              | 2S-3W-22       | 43-013-30122      | SEPT 87              | TUBING AND CASING LEAK    | RECOMPLETE TO TGR            |
| HANSEN 1-23B3              | 2S-3W-23       | 43-013-30161      | MAY 88               | UNECONOMIC WELL           | RECOMPLETE TO TGR            |
| K.W.CARRELL 1-27B3         | 2S-3W-27       | 43-013-30158      | JULY 84              | UNECONOMIC WELL           | P&A                          |
| MONADA STATE 1             | 6S-19E-2       | 43-047-30080      |                      | UNECONOMIC WELL           | P&A                          |
| GOVERNMENT 2-18            | 6S-21E-18      | 43-047-20062      | MAY 86               | UNECONOMIC WELL           | P&A                          |
| GOVERNMENT 1               | 6S-21E-19      | 43-047-20171      | APR 85               | UNECONOMIC WELL           | P&A                          |

st-ll™ brand fax transmittal memo 7871

|                            |                             |
|----------------------------|-----------------------------|
| From: <b>HOOKS</b>         |                             |
| Co. <b>FRANK MATHEWS</b>   | Co. <b>FLYING J INC</b>     |
| Dept. <b>STATE of UTAH</b> | Phone # <b>801-722-5166</b> |
| Fax # <b>359 3940</b>      | Fax # <b>722-5169</b>       |

**PLUGGING AND ABANDONMENT PROCEDURE  
JESSEN 2-14A4  
11/13/91**

**PERTINENT INFORMATION**

|           |                       |
|-----------|-----------------------|
| OPERATOR: | FLYING J INC          |
| WELL #:   | JESSEN #2-14A4        |
| LOCATION: | SEC 14 T15 R4W        |
| COUNTY:   | DUCHESNE COUNTY, UTAH |
| FIELD:    | ALTAMONT BLUEBELL     |

14,501' P.B.T.D.: 16,495' K.B.: 20'

CSG 7" 29# J-55, K-55 & H-40. 48#, 54.5# & 61# @953' TO SURFACE. CMT W/750 SKS. LITE & 250 SKS "A".  
 7" 29# K-55 36 & 40# @3243' TO SURFACE. CMT W/865 SKS LITE, 200 SKS "A".  
 TOP JOB CMT W/100 SKS "A".  
 7" 29# TO 32# F 14,896' TO SURFACE. CMT 1ST STA 5 SKS, TAIL W/300 SKS "H".  
 5" 18# P-110 F 16,501' TO 14,632' CMT W/50 SKS PDZ & 200 SKS "H".

**IONS:**

|                   |                    |           |
|-------------------|--------------------|-----------|
| 13,507' - 12,682' | 68' OF PERFORATION | 204 HOLES |
| 14,452' - 14,383' | 5' OF PERFORATION  | 168 HOLES |
| 14,886' - 15,358' | 37' OF PERFORATION | 171 HOLES |
| 15,407' - 16,464' | 84' OF PERFORATION | 252 HOLES |

- REV OUT L/D HYD PUMP. SPOT FRAC TANKS, CIRC AS NECESSARY W/HOT DILER TO C/O WELLBORE. PRESSURE TEST 7" CSG, PKR, STD VALVE & WELLHEAD TO 3500#. EQUALIZE & PULL STD VALVE.
- M.I.R.U.S.U. N.D WELLHEAD, N.U BOPS. RELEASE BKR 7" 29# "EA" RETRIEVAMATIC W/BKR #47 MODEL "H" RET HEAD. RIH & RECOVER BKR MODEL C #74-B R.B.P. @12,455'. SOOH. L/D BHA.
- RIH W/6" BIT, JB, 7" 32# M&M CSG SCR. DRILL OUT BKR #3-BB CIBP @13,210' C/O DOWN TO BKR #84-32 MODEL D PKR @14,470. POOH L/D BHA.
- RIH W/7" 32# CIBR. SET RET @14,420' + OR -. TEST 2 7/8" TBG TO 4500#. CMT W/53 SKS PREMIUM PLUS AG 1.18 YIELD. (50 SKS BELOW RET APPROX 375') LEAVING 3 SKS ON TOP OF RET APPROX 17.5'. REVERSE CIRCULATE 2 7/8" TBG.

5. L/D 2 7/8" TBG TO 12,250'. POOH. RIH W/7" 29# CIBP SET @12,250' + OR -. PRESSURE TEST 7" CSG & CIBP TO 2500#. SPOT 17 SKS ON TOP OF CIBP APPROX 100'. REVERSE CIRC 2 7/8" TBG. DISPLACE WELLBORE UP TO 6,025' W/223 BT MUD OR ADEQUATE H2O.
6. L/D TBG TO 6125'. SPOT 17 SKS CMT APPROX 100'. F/6125' TO 6025'. REVERSE CIRCULATE TBG. DISPLACE WELLBORE UP TO 3000' W/112 BBLs MUD OR ADEQUATE H2O.
7. L/D TBG TO 3000' SPOT 17 SKS CMT APPROX 100 F/3000' TO 2900'. REVERSE CIRCULATE TBG. DISPLACE WELLBORE TO SURFACE W/107 BBLs MUD OR ADEQUATE H2O. L/D REMAINDER OF 2 7/8" TBG.
8. SPOT 10 SKS APPROX 56' INSIDE 7" CSG @SURFACE. SPOT EQUIVALENT DEPTH OF CMT INSIDE ALL OPEN CSG ANNULI @SURFACE.
9. CUT OFF CSG 4 1/2' BELOW GROUND LEVEL, INSTALL 5" DRY HOLE MARKER.
10. RESTORE LOCATION.

**COST ESTIMATE**

|                            |                     |
|----------------------------|---------------------|
| RIG                        | \$ 12,000.00        |
| RENTAL EQUIPMENT           | 5,000.00            |
| SPECIAL TOOLS              | 8,000.00            |
| SALARIES & WAGES           | 4,300.00            |
| SPECIAL SERVICES & RENTALS | 15,000.00           |
| TRANSPORTATION             | 3,000.00            |
| WATER TRUCKING             | 3,000.00            |
| LOCATION                   | 5,000.00            |
| DIESEL                     | 1,800.00            |
| FUEL                       | 1,000.00            |
| MISCELLANEOUS              | 3,000.00            |
| HOT OILER                  | 1,500.00            |
| <b>TOTAL</b>               | <b>\$ 62,600.00</b> |

10-30-87  
LESSON 2-14-A-4

72' 5-22-86 (30" HOLE)  
20" CMT TO 50' w/ 475 SKS "Q".

953' 5-31-86 (17 1/2" HOLE, 8.9 PP 8-56-VIS MUD).  
13 3/8" J-55, K-55 & H-40, STAG BND & BUTTRESS CS9, 4 8#, 5 1/2 # & 6 1/2 #. CMT w/ 750-SKS LITE & 250-SKS "A". GOOD RETURNS THRU-OUT JOB.

3243' 6-2-86 (12 1/2" HOLE, 8.4 PP 8-27-VIS)  
50' TO 2872' 9 3/8" 36# K-55 LTAC BND CS9.  
2872' TO 3243' 9 3/8" 40# K-55 BUTTRESS CS9.  
(CMT w/ 865-SKS LITE & 200-SKS "A". DID NOT CIRCULATE, TOP JOB, CMT w/ 100-SKS "A".

7000' 9-14-87 RUN CBL-VOL CALIPER LOG & XY PRESENTATION LOG, UNDER LOGGING PRESSURE w/ 8.4# H<sub>2</sub> IN HOLE F/ 16,476' TO 8500'.

11,919' 7" DIV. COLLAR. 2ND-STAGE, CMT w/ 2100-SKS LITE "H" & 1570-SKS "H" TAIL SLURRY.

12,307' 9-30-88 THRU 10-1-88 PERM w/ 4" GUNS, 3-8 SPF, 17-INTV, 68', 204-PPMS F/ 12,307' TO 12,682'.

|                        |     |                       |      |                          |
|------------------------|-----|-----------------------|------|--------------------------|
| <u>12,307'</u>         | (1) | <u>12,572'</u>        | (1)  | <u>12,676' - 82' (6)</u> |
| <u>12,332'</u>         | (1) | <u>12,525'</u>        | (1)  |                          |
| <u>12,372' TO 37'</u>  | (5) | <u>12,549'</u>        | (1)  |                          |
| <u>12,430' TO 39'</u>  | (9) | <u>12,564'-66'</u>    | (2)  |                          |
| <u>12,442' TO 44'</u>  | (2) | <u>12,525'</u>        | (1)  |                          |
| <u>12,462' TO 48'</u>  | (6) | <u>12,594'-602'</u>   | (8)  |                          |
| <u>12,492' TO 800'</u> | (8) | <u>12,640'-50'</u>    | (10) |                          |
| <u>12,506' TO 88'</u>  | (2) | <u>12,664' TO 68'</u> | (4)  |                          |

13,210' 9-28-88 P.D.T.D. BAKER # 3-BB CIBP, SET ON T89.

13,452' 9-2-88 PERM DIL-GR GREEN RIVER INTV w/ 4" GUNS, 3-SPF (BULLETS) F/ 13,452' TO 14,323', 56-INTV, 56', 148-PPMS.

383' 5-22-86 (6" HOLE, 14.2 PP 8, 47-VIS MUD).  
MWD TIE BACK 3 LBS 5 1/2" 00 X 5 1/2" 10. 5" 18# P-110 ABFL-MS LITER. CMT w/ 50-SKS POZ & 200-SKS "H". ROTATED EN. W/ 1" RPM WHILE CMT. PUMP LAST 32-BBLs w/ NO RETURNS & NO ROTATION.

14,470' 7-30-88 SET ON T89, BAKER # 84-32 MODEL "D" PKR w/ BLANK GUIDE.

14,632' 8-14-86 (8 3/8" HOLE, 9.3 PP 8, 28-VIS MUD)  
50' TO 3812' 7" 29# CS-95 BUTTRESS CS9.  
3812' TO 4660' " " RS-95 LTAC BND CS9.  
4660' TO 5272' " " 500-95 " " " "  
5272' TO 14,472' " " P-110 " " " "  
14,472' TO 14,876' " 32# " " " "

14,876' 1-57 STAGE, CMT w/ 75-SKS LEAD "H" & 980-SKS "H" TAIL.

LINER  
LAP  
264'



**FLYING J OIL & GAS, INC.**

P.O. BOX 540180  
333 WEST CENTER STREET  
NORTH SALT LAKE, UTAH 84054

**TELEFAX COVER SHEET**DATE: 6-10-92TO: Frank MatthewsCOMPANY: DOG MFAX #: 359-3940FROM: John BazaDEPARTMENT: Fax no. 298-7733

Frank, we sent sundry on Monday.  
We want to move-in rig ~~to~~ today or tomorrow.  
Let me know if you have questions. - IRB

Number of pages including cover sheet 3

ANY PROBLEMS WITH FAX CALL (801) 298-7733

PLUGGING AND ABANDONMENT PROCEDURE  
 JESSEN 2-14A4  
 11/15/91

PERTINENT INFORMATION

OPERATOR: FLYING J INC  
 WELL NAME: JESSEN #2-14A4  
 LOCATION: SEC 14 T1S R4W  
 COUNTY & STATE: DUCHESNE COUNTY, UTAH  
 FIELD: ALTAMONT BLUEBELL

T.D.: 16,501', P.B.T.D.: 16,495' K.B.: 20'

CSG 20" COND @72' CMT W/475 SKS "B"  
 13 3/8" J-55, K-55 & H-40. 48#, 54.5# & 61# @953' TO SURFACE.  
 MT W/750 SKS.  
 LITE & 250 SKS "A".  
 9 5/8" J-55 36 & 40# @3243' TO SURFACE. CMT W/865 SKS LITE,  
 200 SKS "A".  
 TOP JOB CMT W/100 SKS "A".  
 7" 29# TO 2# F 14,896' TO SURFACE. CMT 1ST STAGE W/75 SKS,  
 TAIL W/980 SKS "H"  
 5" 18# P-110 F 16,501' TO 14,632' CMT W/50 SKS POZ & 200 SKS  
 "H".

PERFORATIONS:

|                   |                    |           |
|-------------------|--------------------|-----------|
| 12,307' - 12,682' | 68' OF PERFORATION | 204 HOLES |
| 13,452' - 14,383' | 56' OF PERFORATION | 168 HOLES |
| 14,886' - 15,358' | 57' OF PERFORATION | 171 HOLES |
| 15,407' - 16,464' | 84' OF PERFORATION | 252 HOLES |

- REV OUT L/D HYD. PUMP. SPOT FRAC TANKS, CIRC AS NECESSARY W/HOT OILER TO C/D WELLBORE. PRESSURE TEST 7" CSG, PKR, STD VALVE & WELLHEAD TO 3500#. EQUALIZE & PULL STD VALVE.
- M.I.R.U.S.U. N.D WELLHEAD, N.U BOPS. RELEASE BKR 7" 29# "EA" RETRIEVAMATIC W/BKR #47 MODEL "H" RET HEAD. RIH & RECOVER BKR MODEL C #74-B R.B.P. @12,455'. SOOH. L/D BHA.
- RIH W/6" BIT, JB, 7" 32# M&M CSG SCR. DRILL OUT BKR #3-BB CIBP @13,210' C/D DOWN TO BKR #84-32 MODEL D PKR @14,470. POOH L/D BHA.
- RIH W/7" 32# CIBP. SET RET @14,420' + OR -. TEST 2 7/8" TBG TO 4500#. CMT W/53 SKS PREMIUM PLUS AG 1.18 YIELD. (50 SKS BELOW RET APPROX 375') LEAVING 3 SKS ON TOP OF RET APPROX 17.5'. REVERSE CIRCULATE 2 7/8" TBG.

5. L/D 2 7/8" TBG TO 12,250'. POOH. RIH W/7" 29# CIBP SET @12,250' + OR -. PRESSURE TEST 7" CSG & CIBP TO 2500#. SPOT 17 SKS ON TOP OF CIBP APPROX 100'. REVERSE CIRC 2 7/8" TBG. DISPLACE WELLBORE UP TO 6,025' W/223 BBLs. MUD OR ADEQUATE H2O.
6. L/D TBG TO 6125'. SPOT 17 SKS CMT APPROX 100'. F/6125' TO 6025'. REVERSE CIRCULATE TBG. DISPLACE WELLBORE UP TO 3000' W/112 BBLs MUD OR ADEQUATE H2O.
7. L/D TBG TO 3000' SPOT 17 SKS CMT APPROX 100 F/3000' TO 2900'. REVERSE CIRCULATE TBG. DISPLACE WELLBORE TO SURFACE W/107 BBLs MUD OR ADEQUATE H2O. L/D REMAINDER OF 2 7/8" TBG.
8. SPOT 10 SKS APPROX 56' INSIDE 7" CSG @SURFACE. SPOT EQUIVALENT DEPTH OF CMT INSIDE ALL OPEN CSG ANNULI @SURFACE.
9. CUT OFF CSG 4 1/2' BELOW GROUND LEVEL, INSTALL 5" DRY HOLE MARKER.
10. RESTORE LOCATION.

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

|  |
|--|
| 6. Lease Designation and Serial Number<br>FEE      |
| 7. Indian Allottee or Tribe Name                   |
| 8. Unit or Communitization Agreement<br>CA #N# 644 |
| 9. Well Name and Number<br>Jessen 2-14A4           |
| 10. API Well Number<br>43-013-31160                |
| 11. Field and Pool, or Wildcat<br>Altamont         |
| County : Duchesne<br>State : UTAH                  |

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

|  |
|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) |
| 2. Name of Operator<br>Flying J Oil and Gas  |
| 3. Address of Operator<br>PO Drawer 130 Roosevelt, Utah 84066  |
| 4. Telephone Number<br>722-5166  |
| 5. Location of Well<br>Footage : 1110' FWL 1112' FSL<br>County : Duchesne<br>Q. Sec. T., R., M. : SW SW SEC 14, T1S R4W<br>State : UTAH    |

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

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

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

Approximate Date Work Will Start \_\_\_\_\_

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

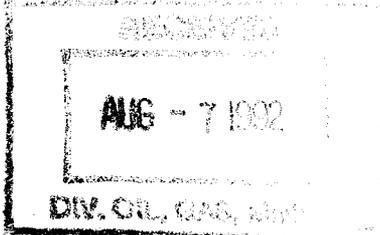
|   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                            | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                            | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans  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

Date of Work Completion 7/10/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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

SEE ATTACHMENT



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

|                                     |              |  |                    |
|-------------------------------------|--------------|--|--------------------|
| Name & Signature <u>[Signature]</u> | J. KREG HILL | Title <u>Production Superintendent</u> | Date <u>8/3/92</u> |
|-------------------------------------|--------------|--|--------------------|

(State Use Only)

ATTACHMENT  
JESSEN 2-14A4  
PAGE 1

6/12-13/92: MIRUSU. SIT & 7" CSG PRESSURE "0". SI 9 5/8" SURF  
CSG PRESSURE 1000#. BLEED OFF IN 2 MIN. CIRCULATE  
WELLBORE W/220 DEGREES FORMATION H2O W/HOT OILER.  
7" 29# BAKER RETRIEVAMATIC SET @12,131.50'. TEST 7"  
CSG TO SURF TO 3500#, HELD. SHEAR EQUALIZING PRONG  
IN NAT STD VALVE @12,093'. ALLOW WELL TO EQUALIZE.  
REL SQ TOOL SET @12,131.50'. POOH W/1 DBL 2 7/8"  
TBG. FLUSH 7" CSG W/75 BBLs 250 DEGREES FORMATION  
H2O, 20 BBLs 200 DEGREES DIESEL & 300 BBLs H2O A/A.  
FLUSH TBG W/100 BBLs H2O A/A. SWI.

6/14-26/92: WAIT ON ORDERS F/POSSIBLE CONVERTING TO DISPOSAL  
WELL.

6/27/92: RECOVER BAKER 7" 29# RETRIEVAMATIC SET @12,131.50'.

6/27-30/92: C/O W/6" OD TOOTH BIT & 7" 23 TO 32# CSG SCRAPER,  
TAG BAKER 7" 29 TO 32# MODEL "C" #47-B RBP SET  
@12,455'.

7/1/92: RECOVER BAKER 7" 29 TO 32# MODEL "C" #47-B RBP SET  
@12,455'.

7/2-3/92: RUN 6" OD TOOTH BIT, J-BASKET & 7" CSG SCRAPER.  
DRILL OUT BAKER #3-BB CIBP SET @13,210'. TIH TAG BTM  
OF BAKER #3-BB CIBP @14,469' ON TOP OF BAKER #84-32  
"D" PKR TOP @14,470'. DRILL ON SAME, C/O TO TOP OF  
PKR @14,470'.

7/4-6/92: SHUT DOWN F/HOLIDAY WEEKEND.

7/7/92: TIH W/ELDER OIL TOOL #47-B SURDRIL MECHANICAL SET  
7" 23 TO 32# CI-RETAINER ON TBG. TAG BAKER #84-32  
"D" PKR @14,470'. PU & SET RETAINER TOP @14,420'.  
UNABLE TO PUMP THROUGH JUNK ON TOP OF MODEL "D" PKR  
@14,470'. PRESSURE TO 4000#, BLEED OFF 800# IN 10  
MIN TO 3200#.

NOTE: JAMES A HOOKS OBTAINED VERBAL APPROVAL FROM  
FRANK MATHEWS W/STATE OF UTAH, DEPARTMENT OF NATURAL  
RESOURCES, DIVISION OF OIL, GAS & MINING, (801-538-  
5340 @3:45 PM 7/6/92) TO CMT AS FOLLOWS:

STING OUT & CLOSE RETAINER SET @14,420'. SPOT 75 SKS  
CLASS "G" W/.5% D-13 RETARDER, 1.15 YIELD, 15 BBLs  
15.8 PPG CMT, 416' PLUG F/14,004' TO 14,420'.

ATTACHMENT  
JESSEN 2-14A4  
PAGE 2

- 7/8/92: SET ON TBG, ELDER OIL TOOL MECHANICAL SET #47-B 7" 23 TO 32# SUR-DRIL CIBP @12,250'. PUMP CONVENTIONAL BREAK CIRCULATION W/257 BBLs 150 DEGREES FORMATION H2O CONTAINING 5 GAL/100 BBLs JETCO COTE 502 CORROSION INHIBITOR & 1 GAL/100 BBLs JETCO CORE 456 BIOCIDE CHEMICAL. CONTINUE CIRCULATE OUT OIL & GAS W/193 BBLs H2O & CHEMICAL A/A. (TURNED HOLE OVER W/450 TOTAL BBLs H2O & CHEMICAL A/A). TEST CIBP SET @12,250' & 7" CSG TO SURF TO 2500# W/8.4 PPG H2O F/5 MIN. HELD.
- 7/9/92: BTM OF RETAINER SETTING TOOL @12,250'. RU DOWELL. RETEST 7" CSG & CIBP TO 2500#, HELD. SPOT BALANCE CMT PLUG. 20 SKS CLASS "G" W/.4% D-13 RETARDER, 1.15 YIELD, 4 BBLs, 15.8 PPG, 110' PLUG F/12,140' TO 12,250'.
- 7/9/92: BTM OF RETAINER SETTING TOOL @6125'. SPOT BALANCE CMT PLUG. 20 SKS CLASS "G", 1.15 YIELD, 4 BBLs, 15.8 PPG, 110' PLUG F/6015' TO 6125'.
- 7/9/92: BTM OF RETAINER SETTING TOOL @3000'. FILL 7" CSG W/6 BBLs H2O A/A. PRESSURE SAME TO 1050# W/RIG PUMP. FILL 7" X 9 5/8" ANNULUS W/1.4 BBLs H2O A/A. TEST SAME TO 1500#. BLEED OFF 80# TO 1420# IN 15 MIN. SPOT BALANCE CMT PLUG. 20 SKS CLASS "G", 1.15 YIELD, 4 BBLs, 15.8 PPG, 110' PLUG F/2890' TO 3000'.
- 7/9/92: BTM OF TBG @60'. SPOT 11 SKS CLASS "G" W/3% CACHL, 1.15 YIELD, 2 1/4 BBLs, 15.8 PPG, 60' PLUG F/SURF TO 60'. DIG OUT CELLAR TO 13 3/8" & 20" CSG.
- 7/10/92: CUT OFF WELLHEAD 4 1/2' BELOW GROUND LEVEL. PU 1" PIPE. RU HOT OILER. C/O FILL IN 13 3/8" X 9 5/8" ANNULUS TO 15' & 7" X 9 5/8" ANNULUS TO 15'. CMT SAME TO SURF W/20 SKS CLASS "G", 1.15 YIELD, 15.8 PPG CMT.
- 7/10/92: INSTALL 5" OD DRY HOLE MARKER. RDSU MOVE TO YD.
- 7/10/92: REMOVAL OF PRODUCTION EQUIP AND RESTORATION OF LOC STARTED 7/10/92. FINAL SUNDRY WILL FOLLOW AS SOON AS WORK IS COMPLETED.

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

RECEIVED

JUN 09 1992

DIVISION OF  
SUNDRY NOTICES AND REPORTS ON WELLS GAS & MINING

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

|   |
|---|
| 6. Lease Designation and Serial Number<br>Fee       |
| 7. Indian Allottee or Tribe Name                    |
| 8. Unit or Communitization Agreement<br>CA # NW-644 |
| 9. Well Name and Number<br>Jessen 2-14A4            |
| 10. API Well Number<br>43-013-31160                 |
| 11. Field and Pool, or Wildcat<br>Altamont          |

1. Type of Well  
 Oil Well  
 Gas Well  
 Other (specify)

2. Name of Operator  
Flying J Oil & Gas Inc.

3. Address of Operator  
P.O. Box 540180 North Salt Lake, UT 84054-0180

4. Telephone Number  
(801)298-7733

5. Location of Well  
 Footage : 1110' FWL, 1112' FSL  
 County : Duchesne  
 Q.Q. Sec. T., R., M. : SW SW Sec. 14, T1S, R4W  
 State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start 6-12-92

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- New Construction
- Pull or Alter Casing
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Flying J intends to P&A the referenced well as follows (see attached procedure for detail):

1. Remove prod. equip., MIRUSU.
2. Rec. RBP @ 12,455'. TIH w/bit & scraper. Do CIBP @ 13,210', CO to 14,470'.
3. Set CICR @ 14420'. Pump 53 sx cmt leaving 3 sx on top of ret.
4. Set CIBP @ 12,250'. Spot approx 100' cmt on top of plug.
5. Spot 100' cmt plug 6025'-6125'.
6. Spot 100' cmt plug 2900'-3000'.
7. Spot 10 sx surf plug & seal off all casing annulli.
8. Cut off csg. Install marker, restore location.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 6-10-92  
BY: [Signature]

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

Name & Signature John R. Baza Title Sr. Petroleum Engineer Date 6-8-92  
 (State Use Only)

PLUGGING AND ABANDONMENT PROCEDURE  
JESSEN 2-14A4  
11/15/91

PERTINENT INFORMATION

OPERATOR: FLYING J INC  
WELL NAME: JESSEN #2-14A4  
LOCATION: SEC 14 T1S R4W  
COUNTY & STATE: DUCHESNE COUNTY, UTAH  
FIELD: ALTAMONT BLUEBELL

T.D.: 16,501', P.B.T.D.: 16,495' K.B.: 20'

CSG 20" COND @72' CMT W/475 SKS "G"  
13 3/8" J-55, K-55 & H-40. 48#, 54.5# & 61# @953' TO SURFACE.  
CMT W/750 SKS.  
LITE & 250 SKS "A".  
9 5/8" K-55 36 & 40# @3243' TO SURFACE. CMT W/865 SKS LITE,  
200 SKS "A".  
TOP JOB CMT W/100 SKS "A".  
7" 29# TO 32# F 14,896' TO SURFACE. CMT 1ST STAGE W/75 SKS,  
TAIL W/980 SKS "H"  
5" 18# P-110 F 16,501' TO 14,632' CMT W/50 SKS POZ & 200 SKS  
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PERFORATIONS:

|                   |                    |           |
|-------------------|--------------------|-----------|
| 12,307' - 12,682' | 68' OF PERFORATION | 204 HOLES |
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1. REV OUT L/D HYD PUMP. SPOT FRAC TANKS, CIRC AS NECESSARY W/HOT OILER TO C/O WELLBORE. PRESSURE TEST 7" CSG, PKR, STD VALVE & WELLHEAD TO 3500#. EQUALIZE & PULL STD VALVE.
2. M.I.R.U.S.U. N.D WELLHEAD, N.U BOPS. RELEASE BKR 7" 29# "EA" RETRIEVAMATIC W/BKR #47 MODEL "H" RET HEAD. RIH & RECOVER BKR MODEL C #74-B R.B.P. @12,455'. SOOH. L/D BHA.
3. RIH W/6" BIT, JB, 7" 32# M&M CSG SCR. DRILL OUT BKR #3-BB CIBP @13,210' C/O DOWN TO BKR #84-32 MODEL D PKR @14,470. POOH L/D BHA.
4. RIH W/7" 32# CICR. SET RET @14,420' + OR -. TEST 2 7/8" TBG TO 4500#. CMT W/53 SKS PREMIUM PLUS AG 1.18 YIELD. (50 SKS BELOW RET APPROX 375') LEAVING 3 SKS ON TOP OF RET APPROX 17.5'. REVERSE CIRCULATE 2 7/8" TBG.

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7. L/D TBG TO 3000' SPOT 17 SKS CMT APPROX 100 F/3000' TO 2900'. REVERSE CIRCULATE TBG. DISPLACE WELLBORE TO SURFACE W/107 BBLs MUD OR ADEQUATE H2O. L/D REMAINDER OF 2 7/8" TBG.
8. SPOT 10 SKS APPROX 56' INSIDE 7" CSG @SURFACE. SPOT EQUIVALENT DEPTH OF CMT INSIDE ALL OPEN CSG ANNULI @SURFACE.
9. CUT OFF CSG 4 1/2' BELOW GROUND LEVEL, INSTALL 5" DRY HOLE MARKER.
10. RESTORE LOCATION.

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:  
 Well File Jessen 2-14A4  Suspense  Other  
(Location) Sec 4 Twp 13 Rng 4 W (Return Date) \_\_\_\_\_  
(API No.) 43-013-31160 (To - Initials) \_\_\_\_\_

1. Date of Phone Call: 7-6-92 Time: 3:30

2. DOGM Employee (name) Frank Matthews (Initiated Call )  
Talked to:  
Name Jim Hooks (Initiated Call ) - Phone No. (801) 789-6309  
of (Company/Organization) Flying "J"

3. Topic of Conversation: P & A well. Problem w/ retainers set @ 14,420'. Could not pump through.

4. Highlights of Conversation: Press. up on retainers to 4000 psi bled down 800 psi in 10 min.  
Gave permission to charge procedure to dump 53 sacks cement on top of retainers. Will set another CFBP above top perf. as per procedure. & continue w/ procedure.

JAM

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ABANDONMENT OPERATIONS

COMPANY NAME: FLYING J INC.

WELL NAME: JESSEN 2-14A4

QTR/QTR: \_\_\_\_\_ SECTION: 14 TOWNSHIP: 1S RANGE: 4W

COUNTY: DUCHESNE API NO: 43-013-31160

CEMENTING COMPANY: DOWELL WELL SIGN: \_\_\_\_\_

INSPECTOR: BERRIER TIME: 8:00 AM DATE: 7/ 8/1992

CEMENTING OPERATIONS: PLUGBACK: \_\_\_\_\_ SQUEEZE: \_\_\_\_\_ P&A WELL: X

SURFACE PLUG: Y INTERMEDIATE PLUG: Y

BOTTOM PLUG SET @: 12,250 WIRELINE: \_\_\_\_\_ MECHANICAL: Y

PERFORATIONS: 12,307-16,464 SQUEEZE PRESSURE: \_\_\_\_\_

CASING SIZE: SURFACE: 9 5/8 36&40 # PRODUCTION: 7" 29# 5" LINER  
GRADE: SURFACE: K-55 PRODUCTION: VARIOUS

PRODUCTION CASING TESTED TO: 3,500 PSI TIME: 5 MIN:

SLURRY INFORMATION: (INCLUDE NO. OF SACKS CLASS AND ADDITIVES)

1. SURFACE PLUG: 60' IN THE 7" CLASS G NEAT

2. INTERMEDIATE PLUGS: 3000-2900 20 SX CLASS G NEAT 15.8  
#/GAL 6125' 20SX CLASS G NEAT 15.8 #/GAL. BALANCED PLUGS

3. BOTTOM PLUG: 416' 75 SX CLASS G 5% D-13 RETARDER 15.8  
#/GAL

4. CEMENT ON TOP OF PLUG: CIBP @ 12,250 20 SX CLASS G NEAT

5. ANNULUS CEMENTED: 20 SX CLASS G NEAT TO FILL TO SURFACE

6. FLUID IN WELL BORE: PRODUCED WATER W/CORROSION<sup>Inh.</sup> AND BIOCIDES

ABANDONMENT MARKER SET:

PLATE: \_\_\_\_\_ PIPE: X CORRECT INFORMATION: Y

REHABILITATION COMPLETED: NO

COMMENTS: CICR @ 14,420 COULD NOT PUMP THROUGH, 75 SX ON TOP.

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

|  |
|--|
| 6. Lease Designation and Serial Number<br>FEE      |
| 7. Indian Allottee or Tribe Name                   |
| 8. Unit or Communitization Agreement<br>CA #NW-644 |
| 9. Well Name and Number<br>JESSEN 2-14A4           |
| 10. API Well Number<br>43 01331160                 |
| 11. Field and Pool, or Wildcat<br>Altamont         |
| County : Duchesne<br>State : UTAH                  |

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|  |
|--|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) |
| 2. Name of Operator<br>Flying J Oil and Gas  |
| 3. Address of Operator<br>PO Drawer 130 Roosevelt, UTah 84066  |
| 4. Telephone Number<br>722-5166  |
| 5. Location of Well<br>Footage : 1110' FWL 1112' FSL<br>QQ, Sec. T., R., M. : SW SW Sec 14 T1S R4W   |

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

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

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

Approximate Date Work Will Start \_\_\_\_\_

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

|  |   |
|--|---|
| <input type="checkbox"/> Abandonment *                             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                           | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                            | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Final Restoration</u> |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
\* Must be accompanied by a cement verification report.

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

Flying J Oil and Gas Inc. has reclaimed the above location as instructed by the surface owners. All equipment has been removed from the location and the location and surrounding lands have been reclaimed to the owners satisfaction. An Affidavit of Reclamation and General Release and Waiver has been signed by the surface owners. A copy of this release and waiver is attached.

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

Name & Signature J. Kreg Hill Title Production Superintendent Date 8/9/93

(State Use Only)

**AFFIDAVIT OF RECLAMATION AND GENERAL RELEASE AND WAIVER**

**STATE OF UTAH** )  
 ) ss  
**County of Duchesne** )

Durell Farnsworth and Linda Farnsworth, his wife, surface owners of the following described lands, residing at Mountain Home, UT, being first duly sworn, depose and say:

1. That they are of lawful age, reside in Duchesne County, Utah, and that they are the surface owners of the following described lands and in current possession thereof:

Township 1 South, Range 4 West, USM  
Section 14: SW/4SW/4  
Duchesne County, Utah

2. That Flying J Oil & Gas Inc. has reclaimed the location known as the Jessen #2-14A4 in the SWSW Section 14, Township 1 South, Range 4 West, USM as instructed by the surface owners.

3. That Flying J Oil & Gas Inc. has removed all equipment from the location and reclaimed the location and surrounding lands to the owners satisfaction and any further reclamation will be performed by the surface owners or contractors and/or subcontractors of their choice.

4. That Flying J Oil & Gas Inc. will leave the cattleguard in place for future use by the surface owners.

5. The above reclamation plan has been completed and this Affidavit and General Release and Waiver is made for the purpose of releasing Flying J Oil & Gas Inc., its successors, heirs and/or assigns, from all actions, causes of actions, suits, claims and demands whatsoever for damages to the aforesaid real property for and on account of any damages to the appurtenances thereto or any growing crops or livestock thereon caused by or on account of the drilling, completing, producing and/or abandoning of the well(s) and or easements captioned in this Affidavit.

6. That any further reclamation the surface owners deem necessary, including purchase of seed and any reseeded over the disturbed areas, will be performed by them or contractors of their selection at their sole risk and responsibility.

7. That Flying J Oil & Gas Inc. has tendered to the surface owners Ten and More Dollars (\$10.00) as good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, in addition to the reclamation work it has already completed, as full and complete settlement for damages of whatsoever nature.

Further Affiants sayeth not.

DATED this 29 day of December 1992.

*Durell Farnsworth*  
\_\_\_\_\_

DURELL FARNSWORTH  
Social Sec. No.: 528-48-4651

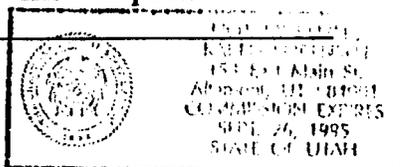
*Linda Farnsworth*  
\_\_\_\_\_

LINDA FARNSWORTH, his wife

Subscribed, sworn to and acknowledged by Durell Farnsworth and Linda Farnsworth, his wife, before me this 29<sup>th</sup> day of December 1992.

*James Lorenson*  
\_\_\_\_\_ Notary Public for Utah  
Residing at Talmax, UT

My Commission Expires:





7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: n/a

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 11/10/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 11/10/2004
3. Bond information entered in RBDMS on: 11/10/2004
4. Fee/State wells attached to bond in RBDMS on: 11/10/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 8757276
2. The **FORMER** operator has requested a release of liability from their bond on: 8/23/2004  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/15/2004

**COMMENTS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICE AND REPORTS ON WELLS</b>  |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:             |
| On return this form for proposals to drill new wells, significantly deepen existing wells, balance current bottom hole depths, reenter plugged wells, or to drill abandoned laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:               |
| 1. TYPE OF WELLS<br><input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SEE ATTACHED LIST   |  | 7. UNIT or CA AGREEMENT NAME:                       |
| 2. NAME OF OPERATOR<br>FLYING J OIL & GAS INC.   |  | 8. WELL NAME and NUMBER<br>SEE ATTACHED LIST        |
| 3. ADDRESS OF OPERATOR<br>333 WEST CENTER STREET, NORTH SALT LAKE, UT 84054  |  | 9. API NUMBER:<br>SEE ATTACHED LIST                 |
| PHONE NUMBER<br>801-296-7700   |  | 10. FIELD AND POOL, OR WILDCAT<br>SEE ATTACHED LIST |

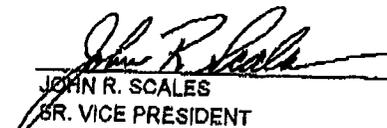
FOOTAGES AT SURFACE: SEE ATTACHED LIST COUNTY: DUCHESNE & Uintah  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SEE ATTACHED LIST STATE: UTAH

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA                         |  |
|---|--|
| TYPE OF SUBMISSION  | TYPE OF ACTION   |
| <input type="checkbox"/> NOTICE OF INTENT<br>(Required in Dry Lease)<br>Applicable date work will start | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE      |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Required Original Form Only)<br>Date of work report on   | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/RESUME)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARILY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLARE<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input checked="" type="checkbox"/> OTHER CHANGE OF OPERATOR                        |

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

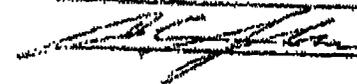
Effective November 1, 2004, operation of this well was taken over by:  
FLYING J OIL & GAS INC.  
333 WEST CENTER STREET  
NORTH SALT LAKE, UT 84054

The previous operator was:  
FLYING J INC.  
333 WEST CENTER STREET  
NORTH SALT LAKE, UT 84054

  
JOHN R. SCALES  
SR. VICE PRESIDENT

Effective November 1, 2004, Flying J Oil & Gas Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under Surety Bond #08757276 issued by Fidelity and Deposit Company of Maryland

NAME (PLEASE PRINT) CHRIS J. MALAN

SIGNATURE 

TITLE VICE PRESIDENT

DATE NOVEMBER 9, 2004

(This space is for the user's use)

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| API #      | WELL NAME     | WELL TYPE | FIELD    | COUNTY   | QTR/QTF | SEC | TWP  | RNG  | FOOTAGES AT SURFACE |
|------------|---------------|-----------|----------|----------|---------|-----|------|------|---------------------|
| 4301330158 | K W CARRELL 1 | Oil Well  | ALTAMONT | DUCHESNE | SE      | 27  | 020S | 030W | 2965 FSL 1980 FWL   |
| 4301330209 | FARNSWORTH 1  | Oil Well  | ALTAMONT | DUCHESNE | SE      | 18  | 010S | 040W | 1326 FNL 0710 FEL   |
| 4301330258 | SHINER 1-14A4 | Oil Well  | ALTAMONT | DUCHESNE | SE      | 14  | 010S | 040W | 1437 FNL 1081 FEL   |
| 4301331160 | JESSEN 2-14A4 | Oil Well  | ALTAMONT | DUCHESNE | SW      | 14  | 010S | 040W | 1112 FSL 1110 FWL   |
| 4301331295 | BASTIAN 4-8A1 | Gas Well  | BLUEBELL | DUCHESNE | SW      | 08  | 010S | 010W | 1907 FSL 2424 FEL   |
| 4304731004 | TENNECO 21-19 | Oil Well  | BLUEBELL | UINTAH   | SE      | 19  | 020S | 010E | 1000 FNL 2032 FWL   |

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NOV 09 2004

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