

Date of 1st Production 12/6/79

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Date Well Completed 12/15/79 .....  
w. ✓ ..... WW ..... TA .....  
GW ..... OS ..... PA .....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

**LOGS FILED**

Driller's Log ..... ✓  
Electric Logs (No.) ..... ✓

E. .... I. .... Dual I Lat. .... GR-N. .... Micro. ....  
BHC Sonic GR. .... Lat. .... MI-L. .... Sonic. ....  
Log. .... CLog. .... Others. ....

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Harrison

2. Name of Operator

BOW VALLEY PETROLEUM INC.

9. Well No.

1-18A2E

3. Address of Operator

1700 Broadway, Suite 900, Denver, Colorado 80290

10. Field and Pool, or Wildcat

Wildcat

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

At surface  
2,381' FWL & 2,219' FSL (NE/4SW/4) Sec. 18, T1S, R2E, USB&M

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

Sec. 18, T1S, R2E, USB&M

At proposed prod. zone  
Same

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

Twelve miles northeast of Roosevelt, Utah

12. County or Parrish 13. State

Uintah

Utah

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

2,219'

16. No. of acres in lease

60.00

17. No. of acres assigned to this well

640.00

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

19. Proposed depth

13,100'

20. Rotary or cable tools

Rotary

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

5,455' ungraded ground

22. Approx. date work will start\*

July 1, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	54.5 lb. K-55	150'	circ. to surface 175 sx.
12-1/4"	9-5/8"	40 lb. K-55	2,200'	circ. to surface (860 sx.)
8-3/4"	7"	26-32 lb. S-95	10,400'	450 sx.
6"	5"	20 lb. S-95	13,100'	circ.

This application is to drill and complete a well in the Wasatch Formation. The well is to be drilled vertically with a hole deviation of not more than 1 degree/100'.

Blowout prevention equipment will include recording mud pit level indicator, flow meter, and other warning devices on the derrick floor.

We have been requested by the landowner to drill at the location herein specified inasmuch as he does not want his meadow disturbed. If we were to drill our well in accordance with Rule C-3 relative to wildcat spacing, we would be in the middle of his meadow. For these reasons we respectfully request topographic exception to the aforementioned rule. Moreover, we own or control all acreage within 660 feet of the herein proposed well location.

(Supplemental information attached)

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: Michael H. North Title: Division Land Manager Date: June 15, 1979  
Western Oil & Gas Division

Permit No. .... Approval Date .....

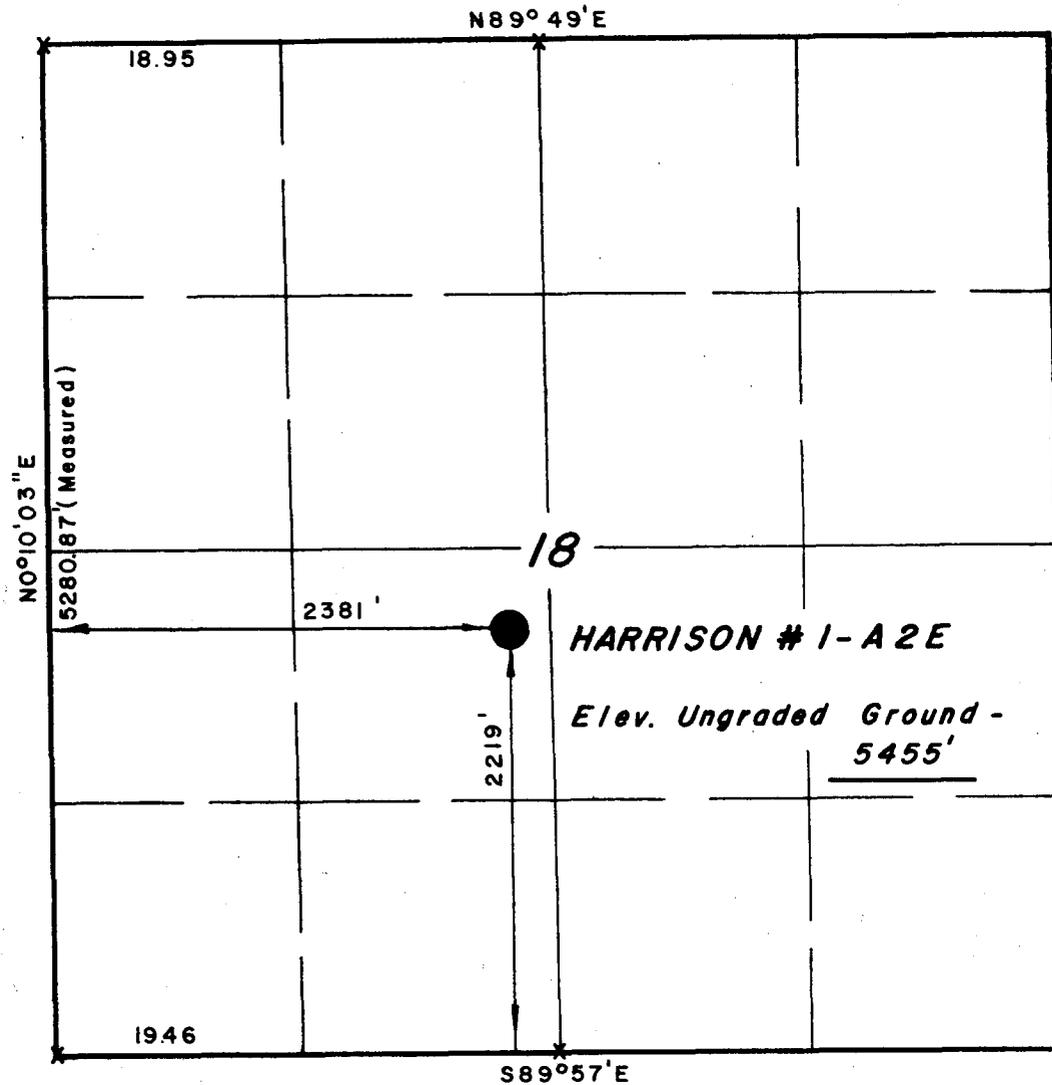
Approved by ..... Title ..... Date .....

Conditions of approval, if any:

T 1 S, R 2 E, U. S. B. & M.

PROJECT  
**BOW VALLEY PETROLEUM INC.**

Well location, *HARRISON#1-A2E*  
 located as shown in the NE 1/4 SW 1/4  
 Section 18, T 1 S, R 2 E, U. S. B. & M.  
 Uintah 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.

*Gene Stewart*

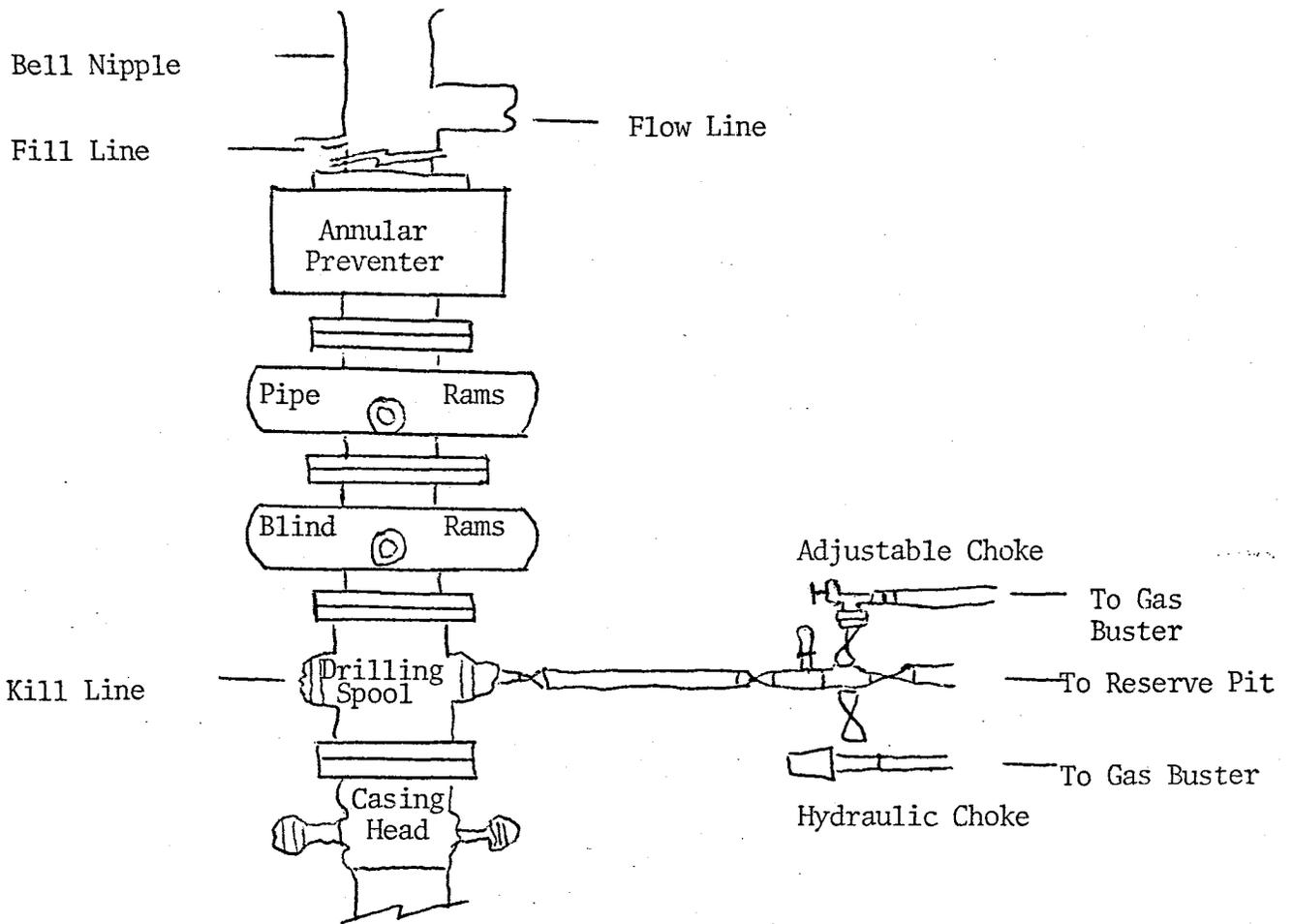
REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	6/5/79
PARTY	S.S. S.H. C.S. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BOW VALLEY

X = Section Corners Located





Above the top of the Wasatch, all BOP equipment shall be 3,000 psi working pressure. Below the top of the Wasatch, 5,000 psi equipment shall be utilized. All equipment will be pressure tested to the manufacturer's recommendations upon installation and, thereafter, at two week intervals.

Auxiliary equipment shall consist of upper and lower kelly cocks, full opening valves and inside BOP. Monitoring equipment shall be installed on the mud system.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: June 20, 1979

Operator: Bow Valley Petroleum Inc.

Well No: Harrison 1-18A2E

Location: Sec. 18 T. 15 R. 2E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30593

CHECKED BY:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer: M.S. Minder 6-27-79

Remarks: Deviation of well line is not acceptable within range stated on APD

Director: \_\_\_\_\_

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

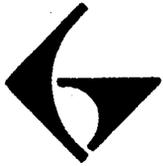
O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

# 2  
with condition

Letter Written/Approved  
ltm



# Bow Valley Petroleum Inc.

1700 Broadway, Suite 900, Denver, Colorado 80290

FORMERLY FLYING DIAMOND OIL CORP.

Telephone: (303) 861-4366

Telecopier: (303) 832-3825

June 15, 1979

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

ATTN: Mr. Cleon B. Feight  
Director



Re: Application for Permit to Drill  
Harrison No. 1-18A2E  
Section 18, T1S, R2E, USB&M  
Uintah County, Utah

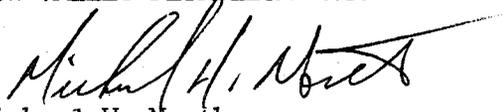
Gentlemen:

Enclosed, in triplicate, is Form DOGC-1a (Application for Permit to Drill, Deepen, or Plug Back) together with a certified copy of the well location plat and a copy of our drilling program setting forth our proposed operations in Section 18, T1S, R2E, USB&M, Uintah County, Utah. A Designation of Agent and \$25,000 blanket bond covering drilling operations performed by Bow Valley Petroleum Inc. in the State of Utah have previously been filed with your office.

We trust that the enclosed materials are in compliance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure, and look forward to your approval of our proposed operations as soon as possible. Should you require further information, please contact the undersigned.

Very truly yours,

BOW VALLEY PETROLEUM INC.

  
Michael H. North  
Division Land Manager  
Western Oil & Gas Division

MHN:jg

Enclosures

June 27, 1979

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

Re: Well No. Harrison 1-18A2E  
Sec. 18, T. 1S, R. 2E,  
Uintah County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

However, a vertical deviation of one degree per 100 feet, as requested on your APD is unacceptable. Rule C-8, Drilling Procedure, paragraph (h) states--

"The point at which a well penetrates the producing formation shall not unreasonably vary from the vertical drawn from the center of the hole at the surface. Deviation is permitted without special permission for short distances to straighten the hole, sidetrack junk or correct other mechanical difficulties."

Approval is granted with the presumption that your firm will abide by this provision of the Rules and Regulations.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Geological Engineer  
HOME: 876-3001  
WORK: 533-5771

Bow Valley Petroleum, Inc.  
Well No. Harrison 1-18A2E  
Page 2

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30593.

Sincerely yours,

DIVISION OF OIL, GAS AND MINING

CLEON B. FEIGHT  
DIRECTOR

/btm

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Bow Valley Petroleum

WELL NAME: Harrison #1-18 A 2E

SECTION 18 TOWNSHIP 1S. RANGE 2E. COUNTY Uintah

DRILLING CONTRACTOR Chase

RIG # 1

SPUDDED: DATE 7-29-79

TIME 16:00

HOW Rotary

DRILLING WILL COMMENCE Immediately

REPORTED BY Ed Whicker

TELEPHONE # 722-5166

DATE 8-9-79

SIGNED *M. T. Minder*  
Michael T. Minder

HARRISON 1-18A2E  
DAILY DRILLING REPORT  
UINTAH COUNTY, UT  
EST TD 13,100'

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2-2-80 Continued packer & SV to 2300#, circ out brine wtr  
w/FM wtr. SDFN.  
DC: \$3,250; CUM: \$14,105.

2-3-80 SDFS.

2-4-80 Finish circ out brine wtr w/FM wtr,  
drop pmp & circ same to cavity w/rig  
pmp, started up lease pmp at 11 A.M.  
SDFN.  
DC: \$2,577; CUM: \$16,682.

2-5-80 RDSU & moved to Hackford.  
DC: \$869.00; \$17,551.  
0 hrs dwn, 145 BO, 15 BW, 44 MCF, 120 stks,  
2400 TP.

2-6-80 0 hrs dwn, 113 BO, 10 BW, 78 MCF, 140 stks,  
3000 TP.

2-7-80 0 hrs dwn, 89 BO, 6 BW, 65 MCF, 140 stks,  
3100 TP.

2-8-80 6 hrs dwn, 17 BO, 10 BW, 30 MCF, 142 stks,  
4000 TP.

2-10-80 MIRUSU, RU NL McCoullough, perf tbg from 10,030'-  
10,035', ten holes, displaced hole w/10# brine  
wtr, ND tree, NU BOP, POOH 1.900, heat string  
168 jts, TOO H w/2-7/8" tbg, changed out  
perf jt Nat'l pmp cavity, Baker #20 FA 30 seal  
assembly w/latch, TIH w/seal assembly, 56 jts  
2-7/8" 8 RD tbg, Nat'l cavity.  
DC: \$6,487; CUM: \$6,487.

2-11-80 Finished TIH w/2-7/8" tbg, landed same w/  
6000# tension, TIH w/1.900 heat string, landed  
same, ND BOP, NU tree, circ dwn SV, pressure  
test csg to 2000#, held ok, circ brine wtr  
OOH w/160° fresh wtr, started triplex pmp  
& circ hole overnight.  
DC: \$5,053; CUM: \$11,540.

2-12-80 Dropped pmp & waited for pmp to reach btm,  
RD & moved to Ute 1-16. DC: \$1,090;  
CUM: \$12,630.  
2 hrs dwn, 136 BO, 52 BW, 0 MCF, 2600 PSI.

2-13-80 0 hrs dwn, 80 BO, 30 BW, 68 MCF, 120 stks,  
2800 TP.

2-14-80 0 hrs dwn, 84 BO, 8 BW, 60 MCF, 126 stks,  
2800 TP.

2-15-80 0 hrs dwn, 80 BO, 2 BW, 60 MCF, 2800 TP,  
124 stks.

2-16-80 0 hrs dwn, 62 BO, 7 BW, 50 MCF, 2600 TP,  
124 stks.

2-17-80 0 hrs dwn, 60 BO, 0 BW, 60 MCF, 2600 TP,  
124 stks. FINAL REPORT!!!

- 12-12-79 Pmpd 80 bbls FW dwn tbg to kill well, 1500# max pressure, remove tree & install BOP, pull 1½" heat string, change rams & BOP, release seal assembly, POOH & change seal assembly, ran 56 jts 2-7/8" tbg., 1741.43'; 3-5/8" OD Nat'l pmp cavity, finish TI w/ 2-7/8" tbg, landed same w/10,000# tension, change rams & BOP, ran 1½" heat string & land same, remove BOP, install tree, circ dwn S.V. w/screen, press test to 3000#, OK. DC: \$4,027; CUM: \$317,675.
- 12-6-79  
Revised report for 6th of December! Run #9 perf 13,733-13,736'  
13,720-13,725'  
13,696-13,704'  
13,694-13,686'  
flowing 110# tbg pressure on 32/64", unloaded all wtr & approx 75 bbls oil.
- 12-13-79 Circ oil off backside, pmp 8 bbls diesel dwn backside followed w/4 bbls wtr, pmpd 4 bbls diesel dwn tbg, shut well in, circ mud in frac master to clean same. RD.  
DC: \$2,822; CUM: \$320,497.
- 12-14-79 SI WO battery construction, drop until on production.
- 1-28-80 Fished out fluid pack pmp, stuck at 110' 1-29/32" sec OD, Bowen overshot, started well circ overnight. SDFN.  
DC: \$890; CUM: \$890.
- 1-29-80 RU Lyles Oil Tools, TIH w/paraffin knife, bad spot from 110-180', pmp'd 40 bbls 240 diesel dwn tbg, TIH w/2.355 OD broach, bad spot from 110-180', TI to 350', TIH w/2.330 OD broach, bad spot from 110-180', TI to 10,000', found tite spot at 9,100', started well circ'g overnight. SDFN.  
DC: \$746; CUM: \$1,636.
- 1-30-80 RU Prairie Gold Rig #6, SDFN.  
DC: \$1,240; CUM: \$2,876.
- 1-31-80 Circ dwn tbg while holding 600 PSI back pressure on csg, SD pmp, tbg flowing back, circ 65 bbls dwn tbg, holding 600# on backside, shut dwn pmp, csg flowing back. SDFN.  
DC: \$2,535; CUM: \$5,411.
- 2-1-80 Circ hole 4 hrs, holding 600# back pressure, well still flowing up tbg, SI well, pressure built to 250# in 20 mins, 275# in 30 mins, 300# in 45 mins, 600# in 2½ hrs, displaced hole w/10#/gal brine wtr, installed BOP's. SDFN.  
DC: \$5,439; CUM: \$10,850.
- 2-2-80 Circ OOH w/brine wtr, holding 700# on backside, pulled 1.900 heat string, PU 2-7/8" string, released Baker seal assembly, stood back 1 std, LD 9 jts, PU 10 jts, RIH, latched into 5" model F packer at 11,890', landed tbg w/ 10,000# tension, ran 7 stds of 1.900 tbg, well kicked, circ OOH, ran 1½" heat string, well kicked, circ OOH w/brine wtr, landed heat string, ND BOP, NU tree, pressure test

12-6-79

12 hr SITP 2500 PSI, bled 1 BW to pit,  
 continued perforating w/2 JSPP:  
 Run #6 perf 13,423-27', 13,353-56  
 TP incr. 1800 PSI to 2300 PSI,  
 Run #7 Misfire  
 Run #8 perf 13,273-76, 13,230-34, 13,200-203,  
 12,883-85', 12,537-41, 12,380-90  
 TP steady @ 2700 PSI throughout Run #8  
 Run #9 perf 13,730-36, 13,720-25, 13,698-704,  
 13,684-86, 13,664-70, 13,630-36, 13,524-30,  
 TP steady at 2700 PSI. Open well to pit  
 at 4:30 P.M.

TIME	CK	TP	BO	BW	COMMENTS:
4:30 P	0	2700			Finish perforating
4:40	32	0		25	
4:55	32	0		35	Flowing 2" stream
6:30	32	0-100	TR	100	Flowing in heads
8:30	32	110	TR	100	Flowing yellow Oil & Gas
11:30	32	0	75	100	Well dead
1:00 A	0	0	75	100	SIFN
6:30 A	0	2200	75	100	5½ hr SITP 2200 PSI
6:30 A	45				Open to pit.

DC: \$17,956; CUM: \$233,335.

12-7-79

TP 2200 PSI, open to pit, flowed 25 BO in  
 1½ hrs, flowing by heads 45/64" CH & 100  
 PSI, hook up H.O. Truck to heat string, turn  
 well into fracmaster at 3 P.M., flowed 126  
 BO in 16 hrs TP 0, well is dead.  
 Salvaged additional 80 BO from burn pit.  
 DC: \$4,648; CUM: \$237,983.

12-8-79

Well dead for 4½ hrs, RU BJ & acidize w/40,000  
 gals 15% HCL w/inhibitor & non-emulsifier &  
 friction reducer, pmp 20 stages 18 bbls to  
 fill tbq each stage, 2000 gals gel FW w/500#  
 benzoic acid flakes in last 250 gals, 2000 gals  
 acid, no benzoic flakes in last stage. Max  
 pressure 8,900, min pressure 6,200, avg pressure  
 8,400, max rate 17.5l, min rate 13, avg rate 15.5,  
 ISIP 4400, 5 min 4270, 10 min 4230, 1½ hrs 3950,  
 total fluid in 1970, put on hot oiler to circ  
 in heat string, open well to full choke at  
 2:45 P.M., flowed well at 250# pressure,  
 after 2 hrs pressure gradually going to 0,  
 flowed back approx 1000 BBLs wtr, turn oil to  
 tank at 3:30 A.M., flowed 40 bbls oil in 3  
 hrs. DC: \$65,308; CUM: \$303,291.

12-9-79

Flow well 24 hrs, swabbing at intervals and well  
 died, flow 152 bbls, grind out 6% wtr, ran Lyles  
 Oil Tools, slick line to check depth, tag at  
 14,092', continuing hot oiler on heat string and  
 trace line. DC: \$3,609; CUM: \$306,900.

12-10-79

Continue swabbing & flowing well 24 hrs w/hot  
 oiler on heat string & trace line, 15 swab runs  
 over 24 hrs, 215 bbls oil, grind out 6% wtr.  
 DC: \$3,672; CUM: \$310,572.

12-11-79

Made 11 swab runs from 5000-9000', left well  
 open to tanks through the night, swab 70 bbls  
 oil, flowed 27 bbls oil through the night.  
 DC: \$3,076; CUM: \$313,648.

HARRISON 1-18A2E  
DAILY DRILLING REPORT  
UINTAH COUNTY, UT  
EST TD 13,100'

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- 11-28-79  
Made 2 swab runs, 1st run fluid level at 8100', swab to 9,900', recovered 10 bbls acid wtr, fill tbg w/FW, RU wire line to perf, gun stopped at 13,070', RU and surge tbg several times to 5400 PSI w/no bleed off, ran gun to 13,810', POOH w/WL, put 2500# on backside, pressure tbg to 7000 PSI for 25 mins w/no bleed off, surge to 7000 PSI several times, after 5 or 6 surges, pmp in 5 or 6 strokes at 4000 to 4,500# each time, still no bleed off at 7000 PSI, RIH w/gun, tag fill at 13,880', surge several times to 5000 PSI, set dwn at 13,880', POOH, RD wireline. SDFN.  
DC: \$5,513; CUM: \$198,678.
- 11-29-79  
0 pressure on well, ND wellhead, NU BOP, TOOH w/74 stds, 1.900" OD, NU 10 RD tbg. change rams, slips and elevators to 2-7/8" tbg, release from Baker Model F pkr @ 11,890', POOH w/179 stds 2-7/8" tbg, LD 25 jts 2-7/8" tbg, SIFN.  
DC: \$2,294; CUM: \$200,972.
- 11-30-79  
0 well pressure, change over tbg equipment to 1½", ran 38 jts 1½" tbg w/mule shoe on btm, change tbg equipment to 2-7/8" ran 175 stds tbg, NU stripping head, fill hole w/7 bbls FW, pressure csg to 2000#, circ out 35 bbls mud & acid from 13,323' to 13,355', circ hole clean, pull 4 stds tbg. SIFN. DC: \$2,463; CUM: \$203,435.
- 12-1-79  
0 well pressure, ran 4 stds tbg in hole, cleaned out mud & gravel from 13,323 to 14,077', circ tbg clean, pull 5 stds, SDFN.  
DC: \$2,399; CUM: \$205,834.
- 12-2-79  
0 well pressure, ran 5 stds 2-7/8" tbg in hole, cleaned out from 14,077 to 14,090', circ tbg clean, TIH w/87 stds, 2-7/8" tbg, and 38 stds of 1½" tbg, PU Baker Seal Assembly, TIH w/42 stds 2-7/8" tbg, DC: \$2,399; CUM: \$208,233.
- 12-3-79  
SDFS.
- 12-4-79  
0 well pressure, TIH w/148 stds 2-7/8" tbg, PU 3 jts, spaced out in Baker #32 SA 30 pkr at 11,890', test csg & pkr to 2500#, landed 2-7/8" tbg in wellhead w/8000# tension, change rig equipment to 1½", ran 74 stds & PU 23 jts of 1.900 MU-10 RD tbg., landed in wellhead at 5,536', btm jt mill shoe, NU BOP, ND wellhead, made swab run to 200', fill tbg w/diesel, SDFN.  
DC: \$2,063; CUM: \$210,296
- 12-5-79  
TP 1200 PSI, bled to 0 immediately, RU GOWL, perf 2 JSPF: Run #1 - measured PBSD at 14,136' KB, 14,044-46; Run #2 14,024-28 Run #3 misfire; RUN #4 13,936-42; 13,914-22; 13,876-30; 13,770-74; 13,751-56. TP increased to 1500 PSI in 10 sec., TP increased to 2000 PSI in 3 mins, TP 700 PSI when OOH w/gun, Run #5 TP 2200 PSI with line in hole, misfire TP 800 PSI with line OOH. SIFN.  
DC: \$5,083; CUM: \$215,379.

HARRISON 1-18A2E  
DAILY DRILLING REPORT  
MONTANA COUNTY, MT  
EST TO 13,100'

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11-18-79 & 11-19-79	Days 111 & 112	Finish TIH w/seal assembly, press backside w/3000#, released seal assembly, displaced mud from hole w/form wtr, spot 200 bbls inhibited wtr on backside, space & land tbg w/7000# tension, RU & PU mule shoe jt, & 14 jts 1½" NUE 10 RD tbg 4874', landed same, remove BOPs, installed tree, press 3000-5000# backside, csg to 3000#, RU Lyles oil tools, & recovered Otis plug from "X" nipple, pmp'd 3000# on tbg to recover plug, bled tbg dwn to 400#, SWI, ISIP 900#, 5 mins 1400#, 15 mins 1750#, 45 mins 1950#, 4½ hrs 2300#, 24 hrs 2400#, pkr detail: Bkr 5" Model " " w/3" bore, 3½" OD X 5.62' long, mill out extension crossover sub, 3-7/8" OD, .49" long; 1 jt 2-7/8" tbg, 30.35' long; Otis "X" nipple 2.313" ID X 1.23 long; 2-7/8" pup jt w/collar on btm, 4.68" long; 2-7/8" tbg detail: Bkr seal assembly, 383 jts, set w/7000# tension at 11,890', 1½" tbg, NUE 10 RD mule shoe jt, Nipple, 4,874'; SDFN. DC: \$75,811; CUM: \$171,476.
11-20-79	Day 113	2300# TP, blew off press w/5 BW, made 13 swab runs, swabbed 71 BW, 8 bbls mud, pmp 20 bbls diesel dwn tbg, SDFN. DC: \$2,623; CUM: \$174,099.
11-21-79	Day 114	1300# TP, bled off same, 2 bbls, made 24 swab runs, pulled 20 bbls diesel 105 bbls mud, FL at 6200', on last run pulled swab from 8,000', some oil cut mud on last run. DC: \$2,565; CUM: \$176,664.
11-22-79	Day 115	Made 4 swab runs, pulling fluid from 7500', recovered 15 bbls oil cut mud, ran Lyles Oil Tools, sinker bars to 13,302', unable to get dwn, POOH, pmp 165 bbls form wtr dwn tbg at 5200#, 3/4 BPM, ran sinker bars to 14,116', bled pressure off well, made 3 swab runs, pull from 3500', SDFN. recovered 30 BW. DC: \$2,739; CUM: \$179,403.
11-23-79	Day 116	SDF Holiday
11-24-79	Day 117	0 pressure on well, FL 2500', made 3 swab runs, pull 5 BO, 10 BW, had trouble w/rig motor, RU Walt's swabbing Service, made 2 swab runs w/FL at 5400', no recovery. SDFN. DC: \$1,421; CUM: \$180,824.
11-25-79	Day 118	Made 14 swab runs, 1st run FL at 7000', lost 2 runs, pulled from 11,500' w/no fluid entry, total fluid recovered 100 bbls muddy wtr, no gas, SDFN. DC: \$715; CUM: \$181,539.
11-26-79	Day 119	SDFS.
11-27-79	Day 120	TIH w/swab to 11,500', no recovery, RD swab unit, RU BJ, acidize w/5000 gals 15% HCL (w/30 gals C-15 & 15 gals J-22) over flushed w/75 bbls FW (total flush 182 bbls, total fluid 301 bbls) injection rate 3/4 bbl/min, 5200# before acid hit perms, max pressure 7000#, average 6900#, min pressure 6800#, max rate 7.2 BPM, average rate 6.9 BPM, min rate 6.6 BPM ISIP=5450 PSI, 5 min 5270, 10 min 5080, 15 min 4950, 35 min 4800, bled well dwn in 4 mins, made 13 swab runs dwn to 11,500', recovered 95 bbls wtr, w/some acid cut wtr, waited 30 mins, trip w/swab to 11,500', no fluid entry. SDFN. DC: \$11,626; CUM: \$193,165.

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11-7-79	Day 101	PU Bowen 3-7/8" overshot, dressed w/2-7/8" grapple, 3-1/8" oil jars & bumper sub, (10) 3-1/8" drill collars, 26 stds 2-7/8" tbg, 4 1/2" jars & bumper sub, RIH & pick up fish at 11,980', jar and bump on same. SDFN. DC: \$4,549; CUM: \$45,187.
11-8-79	Day 102	Jar on fish, jar same loose (jarred total of 8 hrs to 100,000#), POOH, LD 10' chemical cut jt 5" 18# csg scraper, 4.151 O.D. mill, SDFN. DC: \$4,699; CUM: \$49,886.
11-9-79	Day 103	Broke dwn fishing tools, LD (10) 3-1/8" O.D. Drill collars, loaded out same, PU new 4.151' O.D. mill, RIH w/387 jts 2-7/8" EUE 8 RD 6.50# N-80 tbg, PU Power Swivel, installed tbg stripper, milled on TIW plugs and D.V. collar, circ hole for 30 mins. SIFN. DC: \$3,074; CUM: \$52,960.
11-10-79	Day 104	Finish drilling DV collar at 11,995', drill cmt to 12,019', SDFN. DC: \$6,563; CUM: \$59,523.
11-11-79	Day 105	Drill cmt from 12,019' to 1,2144', SDFN. DC: \$3,141; CUM: \$62,664.
11-12-79	Day 106	SDFS.
11-13-79	Day 107	Drill cmt from 12,144 to 12,192', POOH, change to bladed mill, PU csg scrapper, RIH w/73 stds, SDFN. DC: \$4,029; CUM: \$66,693.
11-14-79	Day 108	Finish TIH w/4.151 O.D. mill, 5' csg scraper, drill cmt from 12,192 to 12,326', put rig on 24 hr day operation. DC: \$4,061; CUM: \$70,754.
11-15-79	Day 108	Drill cmt to 12,362', displaced mud OOH w/ wtr, broach tbg to 12,362', pressure test to 3000#, change out pipe rams & TIW valves, drill cmt from 12,362' to 12,455', fell out of cmt, PU additional 3 jts w/no tag up, total 404 jts in at 12,547', circ out cmt, preparing to PU tbg, DC: \$5,563; CUM: \$76,317.
11-16-79	Day 109	PU 42 jts tbg to 13,892', circ out mud & wtr, Cond mud & raised wt to 12.3#/gal, pmp dwn ball on Bkr test sub, press test tbg to 5000 PSI, OK, reverse out balls, lost approximately 60 bbls mud, PU 4 jts to TIW float collar at 13,996', drld out same, PU 4 jts, tag up at 14,108', LD 72 jts tbg, POOH w/15 stds. DC: \$6,613; CUM: \$82,930.
11-17-79	Day 110	FPOOH w/scraper & mill, RU McCullough & ran <sup>CBL</sup> <sub>E-13</sub> log, PU Bkr 5" Model "F" Pkr, 3" bore w/3 1/2" OD X 5.62" long mill out extension, crossover .49" long 3-7/8" OD; 1 jt 2-7/8" tbg = 30.35', Otis "X" nipple, 2.313 ID X 1.23' long w/DXX plug in place, 2-7/8" pup jt 4.68' long w/collar on btm, RIH w/McCullough & set pkr at 11,890', RD McCullough, PU Bkr seal assembly = 3-9/16" OD, RIH w/160 stds, SDFN. DC: \$12,735; CUM: \$95,665.

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10-26-79	Day 89	MIRUS, ND W.H., NU BOP, PU 4.151 O.D. flat btm mill w/cutrite 5" 18# csg scraper & BOT ball test sub, PU 46 jts 2-7/8" EUE 8 RD 6.50# N-80 tbg., SDFN. DC: \$3,678; CUM: \$3,678.
10-27-79	Day 90	PU 57 jts 2-7/8" EUE 8 RD 6.50# N-80 tbg, collars were hanging up on 7" csg, ND BOP & tbg head, beveled off 7" csg w/welder, NU tbg head & tested to 5000#, NU BOP, circ well for 1 hr, PU 113 jts tbg as above, SDFN. DC: \$4,340; CUM: \$8,018.
10-28-79	Day 91	Circ well for 1 hr, PU 149 jts 2-7/8" EUE 8 RD, 6.50#, N-80 tbg, reverse circ for 2 hrs, PU 35 jts tbg, breaking circ every 5 jts, circ well for 1 hr at 9,850', SDFN. DC: \$2,666; CUM: \$10,684.
10-29-79	Day 92	SDFS.
10-30-79	Day 93	Continued picking up tbg w/mill & scraper, conditioning mud, RU power swivel & stripper head, tbg & mill 10,193'-10,216', circ 30 mins, SWI & drained up, SDFN. DC: \$2,948; CUM: \$13,632.
10-31-79	Day 94	Cleaned liner 10,216-10,230', drilled baffle and cleaned to 10,322', cond. mud. SDFN. DC: \$2,973; CUM: \$16,605.
11-1-79	Day 95	Wash in 5 jts tbg w/power swivel to 10,475', pull 7 stds up into 7" csg, PU 47 jts tbg & RIH, tag cmt on top of DV tool (top of cmt at 11,902'). Drill cmt to 11,980', release crew, circ well overnight to cond. mud. DC: \$5,343; CUM: \$21,948.
11-2-79	Day 96	Drill cmt from 11,980-11,995', drlg on plug on top DV collar, apparently rubber & aluminum between scraper & mill, work tbg out 5', plugged off circ, work tbg to 120,000#. SDFN. DC: \$3,612; CUM: \$25,560.
11-3-79	Day 97	Worked stuck tbg, run swab mandril on sand line using depths odometer, checked to 11,950'. SDFN. DC: \$2,754; CUM: \$28,314.
11-4-79	Day 98	RU, N.L. McCullough, logged # jts to Baker test sub at 11,990'; 386 jts & (1)-10' pup jt, RIH w/string shot, failed to back off in top of scraper, RIH & perf w/4 shots at 11,987', circle hole for 1 hr, RIH w/chemical cutter, attempt to cut off at 11,980', cutter hung up on way out at 7,083', pulled out of rope socket, RIH w/sinker bars on sand line, unable to bump cutter dwn hole. SDFN. DC: \$8,124; CUM: \$36,438.
11-5-79		SDFS.
11-6-79	Day 100	Attempt manual back-off below tools at 7,083', work tbg free, POOH, LD 2 jts & recover gun, finish POOH, recover fish at cut off 19' long. SDFN. DC: \$4,200; CUM: \$40,638.

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10-13-79	Day 76	Drilling at 14,048', made 88' in 23½ hrs, MW 12.2, VIS 40, BGG 330 units, CG 500 units. DC: \$10,793; CUM: \$1,027,952.
10-14-79	Day 77	Drilling at 14,142', made 94' in 24 hrs, MW 12.3, VIS 52, BGG 80 units, CG 220 units. DC: \$11,322; CUM: \$1,039,274.
10-15-79	Day 78	Depth 14,154', logging, made 12' in 3-3/4 hrs drlg., MW 12.3+, VIS 43, SURVEY: 14,154' 2½ <sup>0</sup> , drld to 14,154', pulled 42 stds to 7" csg, string up 10 lines, RIH, cond mud, BGG 200 units, TG saturated, POOH to log. DC: \$12,537; CUM: \$1,051,811.
10-16-79	Day 79	Depth 14,154', cmt'g liner, MW 12.5, VIS 39, ran 100 jts 18#, P110 liner, btm of liner at 14,154', top of liner at 10,190', DV tool at 11,995'. DC: \$29,633; CUM: \$1,081,444.
10-17-79	Day 80	Drlg cmt, finished rng. 5" liner, 100 jts 18#, P110, ABFL4S, btm jt orange peeled w/built on fish tail 41.06', 2 jts 78.01', 1 jt drld w/32 (1/2") holes on top 10' of jt. 37.60' long, TIW float 1.15' long, 51 jts 1,997.71' long, DV tool 3.20', 45 jts 1784.53', liner hanger 20.78', btm liner at 14,154', 10' perfs @ 13,997-14,007'. Top float collar at 13,996.18', top DV tool at 11,995.27', btm liner hanger 10,210.74', top of liner hanger 10,189.96', circ out gas, drop ball & pmp to DV tool, open DV tool at 11,995' w/800# press., pmp w/HOWCO 500 gal mud flush, 680 sxs Class "H" w/6% Hallad 22A, 3/4% CFR 2, 3% KCL, 2% HR5, 1/4% D-air, drop plug & flush w/107 bbls, 12.4#/gal mud, sheared plug at liner hanger w/2800 PSI, pmp plug to DV tool, bumped w/3000 PSI, closed DV tool, unlatch from liner, set liner hanger S-6 pkr, POOH, LD setting tool, WOC 11½ hrs, TIH w/mill & 7" csg scraper, tag cmt at 9,063', 1127' to clean out, washing cmt at 9,440'. DC: \$18,560; CUM: \$1,100,004.
10-18-79	Day 81	LDDP, depth 14,154', MW 12.3, VIS 42, Drlg. cmt to 10,060', circ OOH, mud clabered up, pull 20 stds, circ & cond mud, RI 10 stds, circ out, ran 10 stds & drlg cmt to liner top at 10,189', circ 2 hrs, RU & LDDP. DC: \$27,349; CUM: \$1,127,353.
10-19-79	Day 82	Depth 14,154', NU Tree, Finish LDDP, DC's & Kelly, fill mud storage tanks w/mud, ND BOP, NU Tree. DC: \$37,025; CUM:\$1,164,378.
10-20-79	Day 83	Depth 14,154', RD, finished NU tree, clean pits, rig released at 4 P.M. 10-19-79. DC: \$64,385 (put in 5" liner); CUM:\$1,228,763.
10-21-79	Day 84	RD, MORT
10-22-79	Day 85	RD, MORT
10-23-79	Day 86	RD, MORT
10-24-79	Day 87	RD, MORT
10-25-79	Day 88	RD, MORT

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10-9-79

Day 72

Drilling at 13,588', made 174' in 24 hrs,  
 MW 12.1, VIS 49, BGG 150 units, CG 900  
 units. DC: \$9,004; CUM: \$985,916.

SHOW #	GAS			Ø BREAK		
	BEFORE	DURING	AFTER	BEFORE	DURING	AFTER
13,426-438'	400	1000	400	8	5.5	8

COMMENTS: No visible show in samples.

SHOW #35  
 13,518-534'

440	1200	660	8	5	7.5
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COMMENTS: SS, Tr lt brn oil stn, bright  
 yellow fluor, w/weak milky cut.

10-10-79

Day 73

Drilling at 13,740', made 152' in 24 hrs,  
 MW 12, VIS 60, BGG 900 units, CG 1100 units,  
 DC: \$9,130; CUM: \$995,046.

SHOW #	GAS			Ø BREAK		
	BEFORE	DURING	AFTER	BEFORE	DURING	AFTER
13,580-598'	180	800	200	10	6	8.5

COMMENTS: Bright blue fluor, very weak cut, TR  
 oil on shaker.

SHOW #37  
 13,610-620'

400	1500	400	10	8.5	10
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COMMENTS: No visible show in samples, TR of oil  
 on shaker.

SHOW #38  
 13,626-658'

300	1100	320	10	7.5	10
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COMMENTS: No visible show in samples, TR of oil  
 on shaker.

SHOW #39  
 13,662-692'

400	1100	850	11.5	7.5	10.5
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COMMENTS: No visible show in samples, TR of oil  
 on shaker.

10-11-79

Day 74

Depth 13,858', made 118' in 24 hrs drlg.  
 MW 12.2, VIS 40, BGG 200 units, CG saturated.  
 DC: \$8,890; CUM: \$1,003,936.

SHOW #	GAS			Ø BREAK		
	BEFORE	DURING	AFTER	BEFORE	DURING	AFTER
13,720-764'	450	1200	680	10	7	9

COMMENTS: No visible show in samples.

SHOW #41  
 13,812-820'

600	saturated	900	10	7	12
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COMMENTS: Possible show or downtime gas,  
 no visible show in samples.

10-12-79

Day 75

Drilling at 13,960', made 102' in 23½ hrs,  
 MW 12.2, VIS 42.  
 DC: \$13,223; CUM: \$1,017,159.

13,910-916'	500	1000	400	14	10.5	12
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COMMENTS: No visible show in samples.

SHOW #43  
 13,916-922

400	1000	340	12	10	12
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COMMENTS: No visible show in samples.

SHOW #44  
 13,926-932

440	1600	900	11.5	9	12
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COMMENTS: Some drk grn oil on shaker.

SHOW #45  
 13,932-940

900	2,150	600	12	9.5	13
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COMMENTS: No visible show in samples.

SHOW #46  
 13,946-952

860	1,800	700	15.5	10	12
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COMMENTS: No visible show in samples.

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10-4-79

Day 67 Drilling at 12,950', made 146' in 24 hrs,  
 MW 12.1, VIS 47, BGG 20 units, CG 150 units,  
 DC: \$8,501; CUM: \$917,595.

10-5-79

Day 68 Drilling at 13,096', MW 12, VIS 52, made 146'  
 in 24 hrs. BGG 15-20 units, CG 70-200 units,  
 DC: \$8,381; CUM: \$925,976.

SHOW #24 12,824-833'	GAS			Ø BREAK		
	BEFORE	DURING	AFTER	BEFORE	DURING	AFTER
	10	70	10	12	7	10

COMMENTS: SS, frstd, VF-MG, unconsolidated,  
 no visible show in samples, trace of black  
 oil on shaker.

SHOW #25 12,856-870'	10	100	20	9	5	9
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COMMENTS: SS, frstd, VF-FG, Hd & tite, calcar,  
 trace w/yellow fluor, W/very weak oil on shaker.

SHOW #26 12,880-890'	25	110	20	9.5	9.5	9.5
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COMMENTS: No visible show in samples.

SHOW #27 12,928-936'	15	75	20	9.5	4	8
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COMMENTS: No visible show in samples.

SHOW #28 12,980-992'	20	50	10	8.5	4.5	9
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COMMENTS: SS, Clr, frstd, lt gray, VF-FG,  
 friable, hd & tite, tr lt brn oil stain,  
 bright yellow fluor w/weak milky cut.

SHOW #29 13,038-042'	15	210	15	11	10	13
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COMMENTS: No visible show in samples.

10-6-79

Day 69 Depth 13,092', trip, made 4' in 1 hr, MW 11.8,  
 VIS 54, drld to 13,100', circd 2½ hrs, POOH  
 to log w/Schlumberger, SIM DP, correction from  
 13,100' to 13,092', RU Schlumberger, Ran DIL, SFL  
 & GR Log, RIH w/Bit #25.  
 DC: \$8,458; CUM: \$934,434.

10-7-79

Day 70 Drilling at 13,249', MW 12, VIS 42, made 157'  
 in 20 hrs, finish TIH w/Bit #25, drlg ahead,  
 BGG 50 units, TG 1600 units w/abundant oil.  
 DC: \$29,894; CUM: \$964,328.

SHOW #30 13,111-128'	30	250	120	10	4	9
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COMMENTS: No visible show in samples.

SHOW #31 13,190-222'	40	340	45	7	2.5	6
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COMMENTS: SS, lt gray, clr-wht, wht frstd,  
 VF-MG, hd & tite, sub-rounded, tr of fluor  
 w/weak cut.

SHOW #32 13,236-258'	50	1400	850	6.5	4	10
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COMMENTS: No visible show in samples w/dk  
 green oil on shaker.

10-8-79

Day 71 Drilling at 13,414', made 165' in 24 hrs,  
 MW 12.1, VIS 44, BGG 200-400 units, CG 600-750  
 units.  
 DC: \$12,584; CUM: \$976,912.

SHOW #33 13,354-360'	200	900	200	8.5	4.5	7
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COMMENTS: No visible show in samples.

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9-24-79	Day 57	Tripping at 11,445', made 7' in 1½ hrs, MW 9.6, VIS 37, PU fish, wash 5 jts OOH, POOH, LD fish, cut drlg line, RIH w/bit #23, wash & ream 50' to btm, drld to 11,445', losing pmp pressure, POOH, looking for hole in DP. DC: \$10,224; CUM: \$780,474.
9-25-79	Day 58	Drilling at 11,616', made 171' in 15½ hrs, MW 9.7, VIS 41, Finish pulling to collars, looking for hole in DP, found pin and box leaking on TIH, wash 50' to btm, BGG 30 units. DC: \$11,976; CUM: \$792,450.
9-26-79	Day 59	Drilling at 11,806', made 190' in 24 hrs, MW 10.1, VIS 61, BGG 60 units. DC: \$11,996; CUM: \$804,446.
9-27-79	Day 60	Drilling at 11,957', made 151' in 24 hrs, MW 11.4, VIS 45, No BGG. DC: \$14,389; CUM: \$818,835.
9-28-79	Day 61	Drilling at 12,101', made 144' in 23 hrs, MW 12, VIS 46. DC: \$18,624; CUM: \$837,459.
9-29-79	Day 62	Drilling at 12,234', made 133' in 23½ hrs, MW 11.9, VIS 43, DC: \$14,393; CUM:\$851,852.
9-30-79	Day 63	Tripping, depth 12,254', made 20' in 6 hrs, MW 12, VIS 48, tripped for hole in pipe, cracked box on #16 DC, magnoflux all DC's, LD 6 DC's, PU 6 DC's, C.O. Bit, shock sub, & near-bit stabilizer, TIH. DC: \$24,860; CUM: \$876,712.
10-1-79	Day 64	Drilling at 12,440', made 186' in 23 hrs, MW 11.9, VIS 43, washed 50' to btm, bit #24 drilling ahead, BGG 10 units, DC: \$7,798; CUM: \$884,510.
	SHOW #20	GAS <span style="float:right">Ø BREAK</span>
	12,390-406'	BEFORE DURING AFTER BEFORE DURING AFTER 10 180 25 6 1/2 5 COMMENTS: SS, clr to white, frstd, VFG-MG, sub-rounded, sub-angular, bright gold fluor, weak milky cut.
10-2-79	Day 65	Drilling at 12,634', made 194' in 24 hrs, MW 12, VIS 47, BGG 15 units, DC: \$7,917; CUM: \$892,427.
	SHOW #21	GAS <span style="float:right">BREAK</span>
	12,546-12,554'	BEFORE DURING AFTER BEFORE DURING AFTER 10 80 10 8 4 8 COMMENTS: SS, frstd, VFG, hd & tite, CACL w/bright blue fluor, no visible oil stains, very weak cut.
	SHOW #22	
	12,578-12,590'	10 70 10 8 3 8 COMMENTS: Same as above.
10-3-79	Day 66	Drilling at 12,804', made 170' in 24 hrs, MW 11.9, VIS 39, BGG 10 units, DC: \$16,667;CUM:\$909,094.
	SHOW #23	GAS <span style="float:right">BREAK</span>
	12,632-644'	BEFORE DURING AFTER BEFORE DURING AFTER 10 180 20 6½ 3 9 COMMENTS: SS, clr to wht, frst'd, fine-med gr, sub round sub angular, some brt blue to gold fluor, weak milky cut.

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9-12-79	Day 45	Depth 10,415', PUDP, Finish NU, change pipe rams, change out Kelly pressure test w/ yellow jacket upper & lower Kelly cock floor valve, pipe rams, choke manifold valves to 5000 PSI, high drill csg blend rams to 2000 PSI, PU Bit #20 w/BHA, 70 jts of 3½" drill pipe. DC: \$172,973; CUM: \$609,417.
9-13-79	Day 46	Drilling at 10,453', made 38' in 6½ hrs, MW 9.3, VIS 36, finish PU 3½" DP, drill float 1 jt cmt and shoe, drill 5' form. pressure test formation 2000 PSI in 10 mins, no bleed off, trip for Bit #20 at 10,420', drilling ahead. DC: \$25,270; CUM: \$634,687.
9-14-79	Day 47	Drilling, made 126' in 22½ hrs, MW 9.1, VIS 36, depth 10,579', DC: \$7,985; CUM: \$642,672.
9-15-79	Day 48	Depth 10,668', tripping, made 89' in 21 hrs, MW 9.1, VIS 40, drill to 10,668', trip for bit. DC: \$8,552; CUM: \$651,224.
9-16-79	Day 49	Depth 10,741', drilling, made 73' in 16½ hrs, MW 9.2, VIS 38, finish tripping for Bit at 10,668', trip gas 10 units. DC: \$23,452; CUM: \$674,676.
9-17-79	Day 50	Depth 10,838', drilling, made 97' in 23½ hrs MW 9.2, VIS 38. DC: \$26,992; CUM: \$701,668.
9-18-79	Day 51	Drilling at 10,967', made 129' in 24 hrs, MW 9.2, VIS 38, No darks yet. DC\$8,196; CUM: \$709,864.
9-19-79	Day 52	Drilling at 11,082', made 115' in 24 hrs, MW 9.2, VIS 38. BGG 10 units. DC: \$7,960; CUM: \$717,824.
9-20-79	Day 53	Tripping. Depth 11,151', made 69' in 12½ hrs, MW 9.3, VIS 71, Survey: 11,131' 3¼", trip for bit at 11,151'. DC: \$8,996; CUM: \$726,820.
9-21-79	Day 54	Drilling at 11,281', made 130' in 17½ hrs, MW 9.7, VIS 41, finish trip, could not break circulation, pull 9 stds, work pipe & broke circ, circ hole to cond. mud, bring wt up to 9.7#/gal, run 9 stds back to btm., drlg ahead. DC: \$12,193; CUM: \$739,013.
9-22-79	Day 55	Drilling at 11,436', made 155' in 24 hrs, MW 9.7, VIS 43, BGG 10 units. DC: \$23,310; CUM: \$762,323.
9-23-79	Day 56	Fishing at 11,438', made 2' in ½ hr, MW 9.6, VIS 38, drld to 11,438', twisted off, POOH, twisted off at base of Daley Jars, left bit, BHA, 30 DC's & 3½' Daley Jars in hole, PU overshot, jars, bumper sub, & 3 DC's RIH, failed to get over fish, POOH, RIH w/overshot, 1 bit jt of 3½" DP, bumper sub & jars. DC: \$7,927; CUM: \$770,250.

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8-28-79	Day 31 9,162'	Drilling, made 50' in 11-3/4 hrs, MW 9.3, VIS 33, Trip for bit at 9146', string up to 10 lines. BGG 25-35, Trip gas 650 units, DC: \$2,517; CUM: \$339,884.
8-29-79	Day 32	Drilling at 9,264', made 102' in 15 hrs, MW 9.4, VIS 35, BGG 70 units, TG 900 units, DC: \$8,025; CUM: \$347,909.
8-30-79	Day 32	Drilling at 9,408', made 144' in 24 hrs, MW 9.4, VIS 34, BGG 70-80 units, Conn gas 90 units, DC: \$5,144; CUM: \$353,233.
8-31-79	Day 33	Tripping, made 97' in 21½ hrs, depth 9,505', MW 9.5, VIS 34, BGG 70 units, Conn gas 90 units, DC: \$3,958; CUM: \$357,191.
9-1-79	Day 34	Drilling at 9,587', made 82' in 17½ hrs, MW 9.5, VIS 36, BGG 100 units, Conn gas 140 units, Trip gas 1,200 units. DC: \$3,497; CUM: \$360,687.
9-2-79	Day 35	Drilling at 9,692', made 105' in 24 hrs, MW 9.6, VIS 38, DC: \$4,197; CUM: \$364,885.
9-3-79	Day 36	Tripping, made 106' in 23 hrs, depth 9,798', MW 9.5, VIS 36. DC: \$3,936; CUM: \$368,821.
9-4-79	Day 37	Drilling at 9,902', made 104' in 15½ hrs, MW 9.5, VIS 35, BGG 90-100 unit, Conn gas 1,500 units, trip gas 700 units. DC: \$4,100; CUM: \$372,921.
9-5-79	Day 38	Drilling at 10,038', made 236' in 24 hrs, MW 9.5, VIS 36, BGG 90-100 units, CG 100 units. DC: \$17,998; CUM: \$390,919.
9-6-79	Day 39	Tripping, depth 10,123', made 85' in 16 hrs, MW 9.5, VIS 36. DC: \$3,418; CUM: \$394,337.
9-7-79	Day 40	Drilling at 10,229', made 106' in 21 hrs, MW 9.5, VIS 34, BGG 85 units, CG 90 units, Trip gas 750+ units. DC: \$3,904; CUM: \$398,242.
9-8-79	Day 41	Drilling at 10,336', made 107' in 24 hrs. MW 9.5, VIS 36; DC: \$4,255; CUM: \$402,497.
9-9-79	Day 42	Drilling at 10,400', made 64' in 13 hrs, MW 9.5, VIS 43, strap still on measurement was 10,415', geolgraph reading 10,400, logging unit 10,411. DC: \$3,936; CUM: \$406,433.
9-10-79	Day 43	LDDP, depth 10,411', MW 9.5, VIS 41. DC: \$5,980; CUM: \$412,413.
9-11-79	Day 44	Depth 10,415', NU, MW 9.5, VIS 42, finish LD 4½" DP, RU & run 7" csg, 242 jts 7" 8RD LT&C at C95, cmt same, land csg. and cut off same, NU. Csg. detail: shoe 1' long, 29 jts 32# 1260.04, 160 jts 29# 6873.20, 52 jts 26# 2245.25, total 10,422.10 set at 10,415'. Start cmt w/pmp, 20 bbls lead slurry, 415 sxs alcolite, 10% salt, 10# gilsonite/sx, tail slurry 200 sxs Class "H", 10 salt, 7500 of 1% CFR2, plug dwn at 10:13 P.M., bump w/2000 PSI, displace w/373 bbls mud & 20 bbls wtr. DC: \$24,031; CUM: \$436,444.

HARRISON L-18A2E  
 DAILY DRILLING REPORT  
 UINTAH COUNTY, UTAH  
 EST TD 12,100'

8-15-79		Day 17	Drilling at 7,327', made 203' in 24 hrs, MW 9.2, VIS 33, DC: \$6,856; CUM: \$271,051.
8-17-79		Day 19	Drilling at 7,644', made 129' in 17 hrs MW 9.2, VIS 33, DC: \$4,631; CUM: \$282,251.
8-16-79		Day 18	Drilling at 7,515', made 188' in 24 hrs. MW 9.1, VIS 33. DC: \$6,569; CUM: \$277,620.
8-18-79		Day 20	Drilling at 7,844', made 200' in 24 hrs. MW 9.2, VIS 37, DC: \$6,988; CUM: \$289,239.
8-19-79		Day 21	Drilling at 7,944', made 100' in 14½ hrs MW 9.3, VIS 37, DC: \$3,973; CUM: \$293,212.
8-20-79		Day 22	Drilling at 8,078', made 134' in 6-¾ hrs. MW 9.3, VIS 37, change out mud hands. DC: \$4,964; CUM: \$298,176.
8-21-79		Day 23	Drilling at 8,182', made 104' in 16 hrs. MW 9.3, VIS 35. DC: \$6,459; CUM: \$304,635.
8-22-79		Day 24	Drilling, made 191' in 20-¼ hrs. 8,373' MW 9.2, VIS 33. Repair to drawworks.
SHOW 11	8186-92'		GAS DRILLING BREAK
			<u>BEFORE DURING AFTER BEFORE DURING AFTER</u>
			10 90 15 15 10 5
			Comments: SS, lt brn stn, dull gold flour, w/weak milky cut.
Show #12	8196-8232'		40 235 25 6 2 6
			Comments: SS, lt frstd, clr, VF-FG, hard&tite, lt brn oil stn, yellow flour, weak cut.
8-23-79		Day 25	Drilling at 8,561', made 188' in 24 hrs, MW 9.3, VIS 34. BGG 10-20, Conn gas 40-100 units, No shows. DC: \$6,092; CUM: \$316,760.
8-24-79		Day 26	Drilling at 8,728', made 167' in 24 hrs. MW 9.3, VIS 35, BGG 40-50 units, conn gas 65 units. DC: \$6,073; CUM: \$322,833.
8-25-79		Day 27	Drilling at 8,815', made 87' in 14½ hrs, MW 9.2, VIS 32, Trip for bit at 8,800', CG 65-70, BGG 40-50, trip gas 500. DC: \$4,089; CUM: \$326,922.
8-26-79		Day 28	Drilling at 8970', made 155' in 24 hrs, MW 9.3, VIS 33, BGG 25-30, CG 50. DC: \$5,486; CUM: \$332,408.
Show #13	8956-8966'		GAS DRILLING BREAK
			<u>BEFORE DURING AFTER BEFORE DURING AFTER</u>
			30 136 40 8½ 5 8
			Comments: SS, clr, frstd, VF-FG, hard & tite w/some lt brn oil stain, bright gold flour, weak cut.
8-27-79		Day 29	Drilling at 9,112', made 142' in 24 hrs, MW 9.3, VIS 33, BGG 30, CG 40. DC: \$4,959; CUM: \$337,367.
Show #14	9080-9090'		GAS DRILLING BREAK
			<u>BEFORE DURING AFTER BEFORE DURING AFTER</u>
			30 100 30 10 7 10
			Comments: SS, clr frstd, F-Med grain, hard & tite, friable in part, lt brn oil stain, yellow to gold flour, milky cut.

HARRISON 1-18  
 DAILY DRILLING REPORT  
 UINTAH COUNTY, UTAH  
 EST TD 13,100'

**RECEIVED**

MAR 26 1980  
 Page 1

DIVISION OF

7-29-79	Day 1	Drilling at 745', made 701' GAS & MINING 5 3/4 hrs, MW 9.2, VIS 34. DC: \$20,112; CUM: \$50,112/
7-30-79	Day 2	Drilling, made 654' in 20 hrs, MW 9.0, VIS 36. DC: \$18,290; CUM: \$68,402.
7-31-79	Day 3	Drilling at 1920', made 566' in 18 1/4 hrs, MW 9.4, VIS 38. DC: \$15,985; CUM: \$84,387.
8-1-79	Day 4	NU BOP's, made 48' in 3 hrs, MW 9.4, VIS 40, Depth 1968', ran 46 jts K-55 9-5/8" csg. shoe at 1968', flowed at 1940', cmt'd 760 sxs Howcolite 2% cacl, 200 sxs reg, 2% cacl, 1/4# sxs flo-seal. Plug dwn at 8 P.M. DC: \$10,667; CUM: \$95,054.
8-2-79	Day 5	Drilling at 1983', made 15' in 3/4 hrs. DC: \$412; CUM: \$95,466.
8-3-79	Day 6	Drilling at 2,973', made 990' in 23 1/4 hrs, DC: \$27,945; CUM: \$123,411.
8-4-79	Day 7	Drilling at 3735', Made 762' in 23-3/4 hrs. DC: \$23,950; CUM: \$153,361.
8-5-79	Day 8	Drilling at 4,479', made 744' in 23 1/2 hrs. DC: \$22,938; CUM: \$176,299.
8-6-79	Day 9	Tripping, made 409' in 12 hrs, lost one cone, ran Globe Basket and recovered. DC: \$12,329; CUM: \$188,628.
8-7-79	Day 10	Drilling at 5,298', made 410' in 21 1/4 hrs. DC: \$12,290; CUM: \$200,918.
8-8-79	Day 11	Drilling at 5,765', made 467' in 23 1/2 hrs Show #1 5742-56', GAS before: 0 during 60 after 60; DRILLING TIME 3; 1 1/2; 3. Show #2 5770-78', GAS before 60, during 60, after 0, DRILLING TIME 3; 1 1/2; 3. DC: \$13,969; CUM: \$214,887.
8-9-79	Day 12	Drilling at 6,133', made 368' in 24 hrs. MW 8.8, VIS 37, No shows. DC: \$14,145; CUM: \$229,032
8-10-79	Day 13	Tripping. Made 180' in 18 1/4 hrs, depth 6,313'. MW 8.8, VIS 36, Trip for bit replace both bottom hole stablizer and short drill collar. DC: \$6,017; CUM: \$235,049.
8-11-79	Day 14	Drilling at 6,558', made 245' in 24 hrs, MW 9.1, VIS 34, DC: \$10,304; CUM: \$245,353.
8-12-79	Day 15	Drilling at 6,792', made 234' in 24 hrs, MW 9.2, VIS 34, DC: \$7,473; CUM: \$252,826.
8-13-79	Day 16	Drilling at 6,993', made 201' in 24 hrs, MW 9.2, VIS 33. DC: \$6,642; CUM: \$259,468.
8-14-79	Day 17	Drilling at 7,124, made 131' in 15 1/2 hrs, MW 9.2, VIS 32. DC: \$4,727; CUM: \$264,195.

SHOW #2	DEPTH	GAS			DRILLING BREAK		
		Before	During	After	Before	During	After
	6966-78'	20	120	20	7	3	7
#3	7018-28'	10	45	10	8	2	7
#4	7082-88'	15	225	20	8	2	6

COMMENTS: SS, VFG, Lt brn stain, dull gold fluor.

March 3, 1980

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

Re: Well No. Harrison 1-18A2E  
Sec. 18, T. 1S, R. 2E.  
Uintah County, Utah  
August 1979-February 1980

Gentlemen:

Our records indicate taht you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Janice Tabish*  
JANICE TABISH  
CLERK TYPIST

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

5. LEASE DESIGNATION AND SERIAL NO.

API #43-047-30593

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Harrison

9. WELL NO.

1-18 A2E

10. FIELD AND POOL, OR WILDCAT

East Bluebell

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

Sec 18, T1S, R2E, USM

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Bow Valley Petroleum Inc.

3. ADDRESS OF OPERATOR

1700 Broadway, Suite 900, Denver, CO 80290

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface (NE,SW) 2381' FWL, 2219' FSL

At top prod. interval reported below

Same

At total depth

14. PERMIT NO. 43-047-30593 | DATE ISSUED 6-27-79

15. DATE SPUNDED 7-29-79 | 16. DATE T.D. REACHED 10-15-79 | 17. DATE COMPL. (Ready to prod.) 12-15-79 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5350 GL 5363 KB | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 14,154 | 21. PLUG, BACK T.D., MD & TVD 14154 | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY Rotary Tools: All | Cable Tools: None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 12380-14046 Wasatch Fm. | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN ~~DIL-GR, CNL-FDC-GR, CBL-GR, Mud Log~~ | 27. WAS WELL CORDED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	40	1,968	12 1/4"	760 sx lite, 200 sx reg.	
7"	26,29,32	10,415	8-3/4"	415 sx Lite, 200 sx H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5	10,190	14,154	680	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	11890	11890

31. PERFORATION RECORD (Interval, size and number)

13997-14007, 0.50" 10 (Drilled)  
12380-14046, 0.34", 204

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13997-14007	5000 gal 15% HCl
12380-14046	40,000 gal 15% HCl

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
12-6-79	2 1/2" Casing free hydraulic pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-13-80	24		→	80	68	30	850

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→	80	68	30	42°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel | TEST WITNESSED BY Chuck Gardner

35. LIST OF ATTACHMENTS  
Liner detail, casing detail

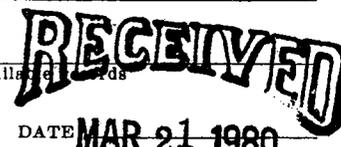
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED E. B. Whicker TITLE Division Engineer DATE MAR 21 1980

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

cc: JWC, JAH, BJL, RLG, JFR, JPA, WI Partners

DIVISION OF OIL, GAS & MINING





Harrison 1-18 A2E

January 8, 1980

Supplement to OGC-3

Perforation Detail

Interval	Hole Size	No Perfs	
10-17-79			
13.997-14,007	0.50"	10	
12-5-79	Run #1 (all holes .34" diameter, 2 JSPF)		
14044-46		4	
Run #2			
14024-28		8	
Run #4			
13936-42		12	
13914-22		16	
13826-30		8	
13770-74		8	
13751-56		10	
12-6-79	Run #6 (all holes .34" diameter, 2 JSPF)		
13423-27		8	
13353-56		6	
Run #8			
13273-76		6	
13230-34		8	
13200-203		6	
12883-85		4	
12537-41		8	
12380-90		20	
Run #9			
13733-36		6	
13720-25		10	
13696-704		16	
13684-86		4	
13664-70		12	
13630-36		12	
13524-30		12	

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MAR 21 1980

DIVISION OF  
OIL, GAS & MINING

Ran Nos. 3,5,& 7 were  
mis fires.

SUB Total-102', 204 holes

CUM Total-112', 214 holes

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 & Number: Harrison 1-18 A2E

Operator: Bow Valley Petroleum Inc. Address: 1700 Broadway, Suite 900, Denver

Contractor: Chase Drilling Co. Address: 1515 Arapahoe, Denver, CO 80202

Location NE 1/4 SW 1/4; Sec. 18 T. 1S N, R. 2 E; Uintah County.  
S W

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1.	<u>None identified</u>		
2.			
3.			
4.			
5.			

(Continue on Reverse Side if Necessary)

Formation Tops:

Green River 6,253

Wasatch 9,510

Remarks:

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MAR 21 1980

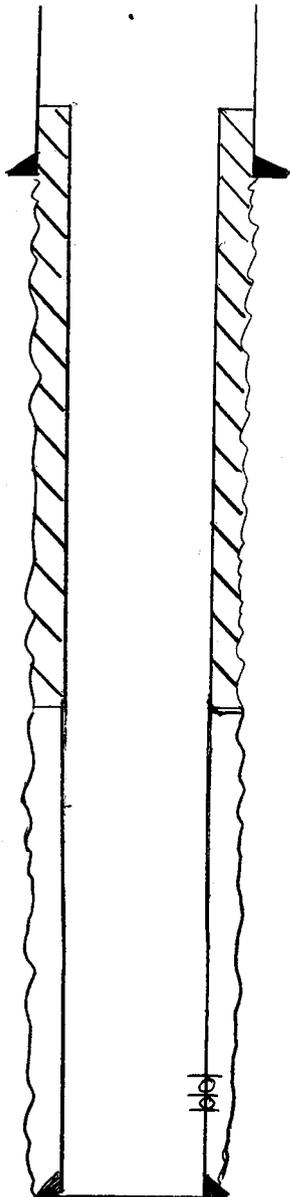
DIVISION OF  
OIL, GAS & MINING

- 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 analysis has been made of the above reported zone, please forward a copy along with this form.

Harrison 1-18 A2E

January 8, 1980

Supplement to Form OGC-3



10,190 Top of liner hanger

5", 18#, P110, ABFL45 csg.

Cemented from 11,995 (DV tool) to 10,190'

(Liner top) with 680 sx Class H cmt.

11,995 to TD is not cemented. Bottom of

liner is fish-tailed and liner is set on

bottom to prevent unscrewing.

11,995 DV tool

13,997-14007 10- $\frac{1}{2}$ " holes (drilled)

14,154' TD

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MAR 21 1980

DIVISION OF  
OIL, GAS & MINING

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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
<b>2. NAME OF OPERATOR</b> Bow Valley Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
<b>3. ADDRESS OF OPERATOR</b> 1700 Broadway, Suite 900, Denver, CO 80290		7. UNIT AGREEMENT NAME	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface (NE, SW) 2381' FWL, 2219' FSL		8. FARM OR LEASE NAME Harrison	
<b>14. PERMIT NO.</b> API #43-047-30593		9. WELL NO. 1-18 A2E	
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 5,455' Ungraded ground		10. FIELD AND POOL, OR WILDCAT East Bluebell	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec 18, T1S, R2E, USM	
		12. COUNTY OR PARISH Uintah	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 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.)\*

DATE	DAY	OPERATION	DEPTH	MUD. WT	DEVIATION
7-29-79	1	Spud	745	9.2	10
7-30-79	2	Drilling	1354	9.0	10
7-31-79	3	Drilling	1920	9.4	10

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

SIGNED E. B. Whicker TITLE Division Engineer RECEIVED 31-80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ MAR 26 1980

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DIVISION OF  
OIL, GAS & MINING

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Bow Valley Petroleum, Inc.		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME
1700 Broadway, Suite 900, Denver, CO 80290		Harrison
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)		9. WELL NO.
At surface (NE, SW) 2381' FWL, 2219' FSL		1-18 A2E
		10. FIELD AND POOL, OR WILDCAT
		East Bluebell
		11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA
		Sec 18, T1S, R2E, USM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH
API #43-047-30593	5,455' Ungraded ground	Uintah
		18. 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>Monthly 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.) \*

DATE	DAY	OPERATION	DEPTH	MED. WT	DEVIATION
8-1-79	4	Drilling	1968	9.4	1 <sup>0</sup>
Ran 9-5/8" , 40#, K55 csg & set @ 1968'-cmt to surface					
8-2-79	5	Drilling	1983	water	
8-3-79	6	Drilling	2973	water	3/4
8-4-79	7	Drilling	3735	water	3/4
8-5-79	8	Drilling	4479	water	3/4
8-6-79	9	Trip	4888	water	1 1/4
8-7-79	10	Drilling	5298	water	
8-8-79	11	Drilling	5765		1 1/2
8-9-79	12	Drilling	6133	8.8	
8-10-79	13	Drilling	6313	8.8	2 1/4
8-11-79	14	Drilling	6558	9.1	
8-12-79	15	Drilling	6792	9.2	
8-13-79	16	Drilling	6993	9.2	
8-14-79	17	Drilling	7124	9.2	2 1/2
8-15-79	18	Drilling	7327	9.2	
8-16-79	19	Drilling	7515	9.1	
8-17-79	20	Drilling	7644	9.2	2-3/4 (over)

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E. B. Whicker

(This space for Federal or State office use)

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



\*See Instructions on Reverse Side

8-18-79	21	Drilling	7844	9.2	
8-19-79	22	Drilling	7944	9.3	2½
8-20-79	23	Drilling	8078	9.3	2½
8-21-79	24	Drilling	8182	9.3	2½
8-22-79	25	Drilling	8373	9.2	
8-23-79	26	Drilling	8561	9.3	
8-24-79	27	Drilling	8728	9.3	
8-25-79	28	Drilling	8815	9.2	
8-26-79	29	Drilling	8970	9.3	
8-27-79	30	Drilling	9112	9.3	
8-28-79	31	Drilling	9167	9.3	
8-29-79	32	Drilling	9264	9.4	
8-30-79	33	Drilling	9408	9.4	
8-31-79	34	Trip	9505	9.7	

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.)

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Harrison

9. WELL NO.  
1-18 A2E

10. FIELD AND POOL, OR WILDCAT  
East Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 18, T1S, R2E, USM

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

OIL WELL  GAS WELL  OTHER

1. NAME OF OPERATOR  
Bow Valley Petroleum, Inc.

2. ADDRESS OF OPERATOR  
1700 Broadway, Suite 900, Denver, CO 80290

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface (NE, SW) 2381' FWL, 2219' FSL

14. PERMIT NO.  
API #43-047-30593

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5,455' Ungraded ground

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 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.)

DATE	DAY	OPERATION	DEPTH	MUD.WT.	DEVIATION
9-1-79	35	Drilling	9587	9.5	2 1/4
9-2-79	36	Drilling	9692	9.6	
9-3-79	37	Trip	9787	9.5	
9-4-79	38	Drilling	9902	9.5	2 1/4
9-5-79	39	Drilling	10,038	9.5	
9-6-79	40	Trip	10,123	9.5	
9-7-79	41	Drilling	10,229	9.5	
9-8-79	42	Drilling	10,336	9.5	
9-9-79	43	Loading	10,400	9.5	2 1/2
9-10-79	44	LD Drill Pipe	10,411	9.5	
9-11-79	45	NU	10,415	9.5	
Run 7" csg, 242 Jts 7" 8 Rd, LT & C, C95. Cmt same, Land csg and cut off same.					
9-12-79	46	PU Drill Pipe	10,415		
9-13-79	47	Drilling	10,453	9.3	
9-14-79	48	Drilling	10,579	9.1	
9-15-79	49	Trip	10,668	9.1	
9-16-79	50	Drilling	10,741	9.2	(over)

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E.B. Whicker



(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: MAR 26 1980

CHIEF OF POLICE  
REPORT

9-17-79	51	Drilling	10,838	9.2
9-18-79	52	Drilling	10,967	9.2
9-19-79	53	Drilling	11,082	9.2
9-20-79	54	Trip	11,151	9.3
9-21-79	55	Drilling	11,281	9.7
9-22-79	56	Drilling	11,436	9.7
9-23-79	57	Fishing	11,438	9.6
9-24-79	58	Trip	11,445	9.6
9-25-79	59	Drilling	11,616	9.7
9-26-79	60	Drilling	11,806	10.1
9-27-79	61	Drilling	11,957	11.4
9-28-79	62	Drilling	12,101	12
9-29-79	63	Drilling	12,234	11.9
9-30-79	64	Trip	12,254	12

3 1/4

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.)

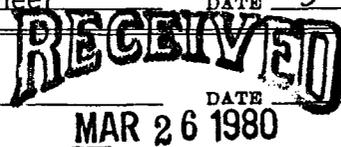
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
NAME OF OPERATOR <b>Bow Valley Petroleum, Inc.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
ADDRESS OF OPERATOR <b>1700 Broadway, Suite 900, Denver, CO 80290</b>		7. UNIT AGREEMENT NAME
LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: <b>(NE, SW) 2381' FWL, 2219' FSL</b>		8. FARM OR LEASE NAME <b>Harrison</b>
14. PERMIT NO. <b>API #43-047-30593</b>		9. WELL NO. <b>1-18 A2E</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5,455' Ungraded ground</b>		10. FIELD AND POOL, OR WILDCAT <b>East Bluebell</b>
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <b>Sec 18, T1S, R2E, USM</b>
NOTICE OF INTENTION TO:		12. COUNTY OR PARISH <b>Uintah</b>
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) <input checked="" type="checkbox"/> <b>Monthly Report</b>		18. STATE <b>Utah</b>
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		

DATE	DAY	OPERATION	DEPTH	MUD. WT.	DEVIATION
10-1-79	64	Drilling	12,440	11.9	
10-2-79	65	Drilling	12,634	12	
10-3-79	66	Drilling	12,804	11.9	
10-4-79	67	Drilling	12,950	12.1	
10-5-79	68	Drilling	13,096	12	
10-6-79	69	Trip	13,092	11.8	
10-7-79	70	Drilling	13,249	12	
10-8-79	71	Drilling	13,414	12.1	
10-9-79	72	Drilling	13,588	12.1	
10-10-79	73	Drilling	13,740	12	
10-11-79	74	Drilling	13,858	12.2	
10-12-79	75	Drilling	13,960	12.2	
10-13-79	76	Drilling	14,048	12.2	
10-14-79	77	Drilling	14,142	12.3	
10-15-79	78	Logging	14,154	12.3+	2 1/2
10-16-79	79	cmt'g liner	14,154	12.5	
10-17-79	80	Drilling cmt	14,154	(over)	

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

SIGNED E.B. Whicker TITLE Division Engineer DATE 3-21-80  
 (This space for Federal or State office use)

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



\*See Instructions on Reverse Side

DIVISION OF  
OIL, GAS & MINING

10-18-79	81	LDDP	14,154	12.3
10-19-79	82	NU Tree	14,154	
10-20-79	83	RD	14,154	
10-21-79-To				
10-25-79	RDMOSU			
10-26-79	Completing detail attached			

10-16-79 (Liner Detail) Ran 100 jts of 18#, P110 Liner, btm of liner at 14,154, top of liner at 10,190; DV tool at 11,995'.

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.)

<b>1. OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b>	
<b>2. NAME OF OPERATOR</b> Bow Valley Petroleum, Inc.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b>	
<b>3. ADDRESS OF OPERATOR</b> 1700 Broadway, Suite 900, Denver, CO 80290		<b>7. UNIT AGREEMENT NAME</b>	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface  (NE, SW) 2381' FWL, 2219' FSL		<b>8. FARM OR LEASE NAME</b> Harrison	
<b>14. PERMIT NO.</b> API #43-047-30593		<b>9. WELL NO.</b> 1-18 A2E	
<b>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</b> 5,455' Ungraded ground		<b>10. FIELD AND POOL, OR WILDCAT</b> East Bluebell	
		<b>11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA</b> Sec 18, T1S, R2E, USM	
		<b>12. COUNTY OR PARISH</b> Uintah	<b>18. STATE</b> 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>Monthly 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.)\***

November Report Of Operations  
11-1-79 to 11-30-79  
Completion in progress  
Detailed Report Attached:

RECEIVED

MAR 26 1980

DIVISION OF  
OIL, GAS & MINING

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E. B. Whicker

(This space for Federal or State office use)

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Bow Valley Petroleum, Inc.</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Suite 900, Denver, CO 80290</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  (NE, SW) 2381' FWL, 2219' FSL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Harrison</p> <p>9. WELL NO. 1-18 A2E</p> <p>10. FIELD AND POOL, OR WILDCAT East Bluebell</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T1S, R2E, USM</p> <p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. API #43-047-30593</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,455' Ungraded ground</p>	

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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>Monthly 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.)	

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December Report Of Operations  
12-1-79 to 12-31-79  
Completion in progress  
Detailed Report Attached:

RECEIVED

MAR 26 1980

DIVISION OF  
OIL, GAS & MINING

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E.B. Whicker

(This space for Federal or State office use)

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Bow Valley Petroleum, Inc.</p> <p>3. ADDRESS OF OPERATOR 1700 Broadway, Suite 900, Denver, CO 80290</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface (NE, SW) 2381' FWL, 2219' FSL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Harrison</p> <p>9. WELL NO. 1-18 A2E</p> <p>10. FIELD AND POOL, OR WILDCAT East Bluebell</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T1S, R2E, USM</p>
<p>14. PERMIT NO. API #43-047-30593</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,455' Ungraded ground</p>	<p>12. COUNTY OR PARISH Uintah</p> <p>13. STATE Utah</p>

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>Monthly 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.)\*

January Report Of Operations  
1-1-80 to 1-31-80  
Costructing Facilities

**RECEIVED**

MAR 26 1980

DIVISION OF  
OIL, GAS & MINING

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E. B. Whicker

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Bow Valley Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1700 Broadway, Suite 900, Denver, CO 80290		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface (NE, SW) 2381' FWL, 2219' FSL		8. FARM OR LEASE NAME Harrison	
14. PERMIT NO. API #43-047-30593		9. WELL NO. 1-18 A2E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,455' Ungraded ground		10. FIELD AND POOL, OR WILDCAT East Bluebell	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 18, T1S, R2E, USM	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

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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>Monthly Report</u>	<input checked="" type="checkbox"/>

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

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February Report Of Operations  
2-1-80 to 2-12-80  
Completing well & Facilities  
Well on Production 2-13-80.

RECEIVED

MAR 26 1980

DIVISION OF OIL, GAS & MINING

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

SIGNED E. B. Whicker TITLE Division Engineer DATE 3-21-80  
E.B. Whicker

(This space for Federal or State office use)

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



# Bow Valley Petroleum Inc.

1700 Broadway, Suite 900, Denver, Colorado 80290

Telephone: (303) 861-4366

Telecopier: (303) 832-3825

March 24, 1980

State Of Utah  
Dept., Natural Resources  
Division Of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Attention: Janice Tabish

Re: Well No. Harrison 1-18A2E  
Sec. 18 T. 1S, R. 2E.  
Uintah County, Utah  
August 1979-February 1980

Dear Ms. Tabish:

I have attached our delinquent reports per your request. Please accept my apology for the oversight.

Very truly yours,

E.B. Whicker  
Division Engineer

EBW/bb

**RECEIVED**

MAR 26 1980

DIVISION OF  
OIL, GAS & MINING

March 28, 1980

Bow Valley Petroleum  
1700 Broadway  
Suite 900  
Denver, Colorado 80290

Re: Well No. Harrison 1-18A2E  
Sec. 18, T. 1S, R. 2E.  
Uintah County, Utah

Gentlemen:

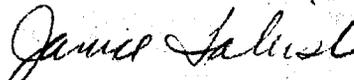
According to our records, a "Well Completion Report" filed with this office 3-21-80, from above referred to well indicates the following electric logs were run: DIL-GR, CNL-FDC, CBL-GR, MUD LOG. As of today's date this office has received all but the MUD LOG.

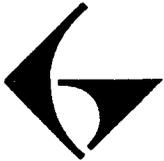
To complete our files, please forward the LITHOLOGY LOG to this office as soon as possible.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
JANICE TABISH  
CLERK-TYPIST



# Bow Valley Petroleum Inc.

1700 Broadway, Suite 900, Denver, Colorado 80290

Telephone: (303) 861-4366  
Telecopier: (303) 832-3825

**RECEIVED**  
APR 03 1980

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

**DIVISION OF  
OIL, GAS & MINING**

Attn: Janice Tabish

RE: Well No. Harrison 1-18A2E  
Sec. 18, T. 1S, R. 2E  
Uintah County, Utah

Gentlemen:

Please find enclosed a copy of the Mud Log which you requested in your letter dated March 28, 1980.

Please advise if additional information is required.

Very truly yours,

BOW VALLEY PETROLEUM INC.

*J. W. Clark (s)*

John W. Clark  
Manager, Drilling & Production

JWC:lr

Enclosures: 1

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

5. LEASE DESIGNATION AND SERIAL NO.

API #43-047-30593

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT AGREEMENT NAME

1. OIL WELL  GAS WELL  OTHER

8. FARM OR LEASE NAME

Harrison

2. NAME OF OPERATOR

Bow Valley Petroleum Inc.

9. WELL NO.

1-18 A2E

3. ADDRESS OF OPERATOR

1700 Broadway, Suite 900, Denver, CO 80290

10. FIELD AND POOL, OR WILDCAT

East Bluebell

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

(NE, SW) 2381' FWL, 2219' FSL

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

Sec.18, T1S, R2E, USM

14. PERMIT NO.

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

5350 GL 5363 KB

12. COUNTY OR PARISH

Uintah

18. 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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) \_\_\_\_\_

(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.)\*

Bow Valley plans to perforate intervals in the Green River Formation and comingle production with the Wasatch. Please see attached procedure.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 11-7-80

BY: *M. J. Menden*

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

SIGNED *E. B. Wheeler*  
S.R. Sillerud

TITLE District Engineer

DATE 10-13-80

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

WORKOVER PROCEDURE  
AFE #M227  
HARRISON 1-18

1. Circulate out hydraulic pump. Pull standing valve.
2. MIRUSU. Pull & LD heat string. Pull 2-7/8" tbg. and pump cavity.
3. Install one-way valve in Baker Model F pkr set at 11,890'. Pressure test pkr. & plug.
4. RU perforators. Perforate the following DIL depths with a casing gun with 2 JSPF:

9783-87 (4')	8956-59 (3')
9742-50 (8')	8890-92 (2')
9628-31 (3')	8807-10 (3')
9502-04 (2')	8775-80 (5')
9488-92 (4')	8744-46 (2')
9471-74 (3')	8735-37 (2')
9376-78 (2')	8726-29 (3')
9362-64 (2')	8650-53 (3')
9356-59 (3')	8598-8601 (3')
9269-71 (2')	8578-82 (4')
9245-48 (3')	8567-70 (3')
9219-21 (2')	
9184-88 (4')	
9155-57 (2')	31 Intervals
9135-38 (3')	
9094-98 (4')	95 Feet
9073-75 (2')	
9047-49 (2')	190 Holes
9038-41 (3')	
8970-74 (4')	

5. TIH w/7" Model R Baker Pkr., pump cavity w/blanking sleeve, and 2-7/8" tbg. Broach tbg. Set pkr. at  $\pm$  8,500'.
6. RDMOSU. Install wellhead and place well on production.
7. Test production for two days. Acidize w/15,000 gals 15% NE-HCL<sup>\*</sup> as follows:

\*Acid to contain friction reducer, non-emulsifier, and inhibitor.

WORKOVER PROCEDURE

AFE #M227  
HARRISON 1-18

Page 2

- A). Pump 1,500 gal. acid.
- B). Pump 1000 gal. Green River formation water w/25 balls and 500# BA flakes.
- C). Pump 500 gals formation water.
- D). Repeat steps A through C for a total of 10 stages. (Omit diverting agents on final stage).
- E). Displace to perfs with formation water.
- F). Flow test well ASAP.

FORWARDED:

  
\_\_\_\_\_  
D.R. Sillerud, Dist. Engineer

APPROVED:

  
\_\_\_\_\_  
J.W. Clark, Mgr. Drilling & Production

APPROVED:

  
\_\_\_\_\_  
E.B. Whicker, Division Engineer

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

FEE

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

HARRISON

9. WELL NO.

1-18 A2E

10. FIELD AND POOL, OR WILDCAT

BLUEBELL *NUCAT*  
R., M., OR BLOCK AND SURVEY

Sec. 18, T1S R2E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  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)\*  
At surface NE, SW 2381' FWL 2219' FSL

At top prod. interval reported below

At total depth Same

**RECEIVED**  
JUL 22 1982  
6-27-79  
5, DIVISION OF OIL, GAS & MINING

14. PERMIT NO.  
43-047-30593

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

15. DATE SPUNDED 7/29/79 16. DATE T.D. REACHED 10/15/79 17. DATE COMPL. (Ready to prod.) 2/5/80 18. ELEVATIONS (DE, BKK, R, ETC.)\* 5, DIVISION OF OIL, GAS & MINING 19. ELEV. CASINGHEAD 5,456

20. TOTAL DEPTH, MD & TVD 14,154 21. PLUG, BACK T.D., MD & TVD 14,108 22. IF MULTIPLE COMPL., HOW MANY\* 2 23. HOW MANY BY ROTARY TOOLS All 24. CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Wasatch -12,380'-14,046'  
Green River - 8567'-9787'

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DiL-GR; FDC-CNL - GR; CBL - CCL - GR

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
7"	26#-32#	10,415'	8 3/4"	415 Sx 'Lite' 200 Sx 'H'	
9 5/8"	40#	1,968	12 1/4"	750 Sx (cmt to surface)	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	10,190	14,154'	680		2 7/8"	8,507'	8,507'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
See Attached		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
		12,380-14,046	40,000 gal. 15% HCl
		8,567- 9,787	15,000 gal 15% HCl

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
2/5/80		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/5/80	24	Pumping	→	113	78	10	690
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pumping		→					

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Perforation Detail

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

SIGNED D. J. Howard TITLE District Engineer DATE 7/16/82

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
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  
2381' FWL, 2219' FSL, NE SW

5. PERMIT NO. 43-047-30593

6. ELEVATIONS (Show whether DT, ST, OR, etc.)  
5455' GR

7. LEASE DESIGNATION AND SERIAL NO.  
Fee

8. OF INDIAN, ALLOTTEE OR TRUST LAND  
N/A

9. UNIT AGREEMENT NAME  
N/A

10. FARM OR LEASE NAME  
Harrison

11. WELL NO.  
1-18A2E

12. FIELD AND POOL, OR WILDCAT  
Bluebell

13. SEC., T., R., OR BLE. AND SURVEY OR ABBA  
Sec 18, T1S, R2E

14. COUNTY OR PARISH  
Uintah

15. 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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <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 name pertinent to this work.)

Bow Valley requests approval to plug and abandon this well as follows:

1. MIRUSU. NDWH. NUBOP. Release Model 'R' packer at 8505'. POOH with tubing. LD BHA.
2. RIH with CIBP for 5" casing. Set at 11,000'.
3. Displace hole with 10 ppg mud.
4. RIH with open ended tubing and spot 20 sacks Class H cement 8200'-8300'. POOH 50 stands. WOC. RIH, tag cement, pressure test to 2000#. Displace hole with 10 ppg mud. POOH.
5. Perf 4 shots at 60'. Cement between 9-5/8" & 7" casings to surface (about 9 sacks).
6. Spot 10 sacks to surface in 7" with surface marker. (Surface marker at least 10' long with 4' above the surface.)
7. Remove production equipment, reclaim and clean location.

A downhole diagram is attached.  
There are no recompletion possibilities.  
No additional surface disturbance is required.

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

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

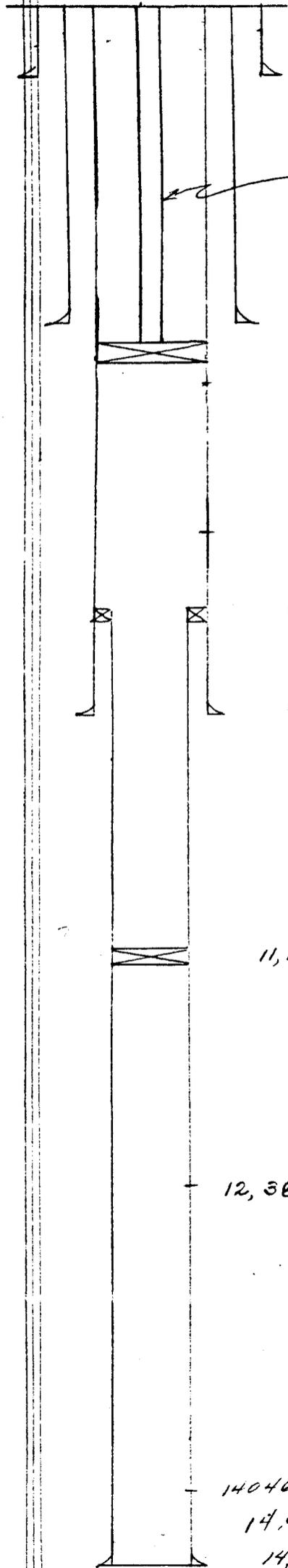
SIGNED: Michelle Weimer DATE: 8/22/84  
BY: Eng. Technician Day DATE: 8-22-84

(This space for Federal or State office use)

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

# 9 5/8" mated to surface during drilling

HARRISON 1-BA2E



80.5' 13 3/8", 54.5#, K-55, STC

2 7/8", 6.5, N-80, EUE

1968' # 9 5/8", 40#, K-55, STC w/ 750 SK  
8505' BAKER R-3 w/ 12000#  
8567' TOP GR PERF

TOTAL GR PERFS 190 shots

9787' BOTTOM GR PERF

10,190' TOP OF LINER

10,415' 7", 32#, C-95, LTC 9118'-10,415'  
7", 29#, C-95, LTC 2245'-9118'  
7", 26#, C-95, LTC SURF-2245'

11,890' BAKER 5" MODEL 'F' (set 11/17/79)

12,380' TOP WASATCH PERF

TOTAL WASATCH PERFS 236 shots

14046' BOTTOM WASATCH PERF

14,092' FEET

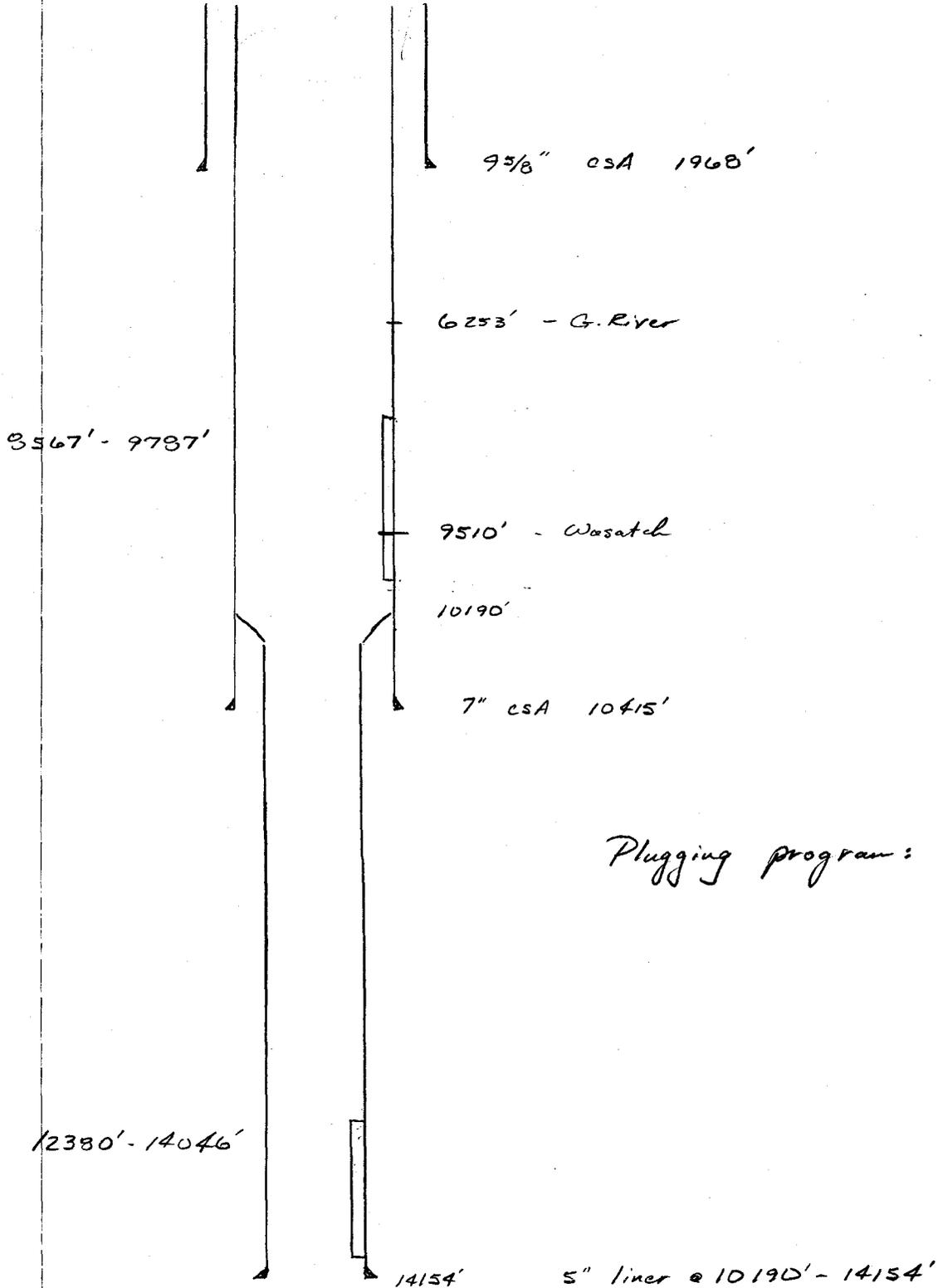
14,154' 5", 18#, P-110, FL95

8/20/84  
CJB

Bow Valley

Harrison 1-18 A 2 E

Sec. 18, T1S, R2E, Uintah Co.





PERFORATION DETAIL

HARRISON #1-18 A2E  
(ATTACHMENT TO FORM OGC-3)

WASATCH PERFORATIONS

14,044 - 46  
14,024 - 28  
13,936 - 42  
13,914 - 22  
13,826 - 30  
13,770 - 74  
13,751 - 56  
13,733 - 36  
13,720 - 25  
13,696 - 704  
13,684 - 86  
13,664 - 70  
13,630 - 36  
13,524 - 30  
13,423 - 27  
13,353 - 56  
13,273 - 76  
13,230 - 34  
13,200 - 203  
12,883 - 85  
12,537 - 41  
12,380 - 90

102 perfs

GREEN RIVER PERFORATIONS

9783 - 87  
9742 - 50  
9628 - 31  
9502 - 04  
9488 - 92  
9471 - 74  
9376 - 78  
9362 - 64  
9356 - 59  
9269 - 71  
9245 - 48  
9219 - 21  
9184 - 88  
9155 - 57  
9135 - 38  
9094 - 98  
9073 - 75  
9047 - 49  
9038 - 41  
8970 - 74  
8956 - 59  
8890 - 92  
8807 - 10  
8775 - 80  
8744 - 46  
8735 - 37  
8726 - 29  
8650 - 53  
8598 - 601  
8578 - 82  
8567 - 70

95 perfs

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 [X] 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.) 2381' FWL, 2219' FSL, NE SW
5. LEASE DESIGNATION AND SERIAL NO. Fee
6. IF INDIAN, ALLOTED OR TRIBE NAME N/A
7. UNIT AGREEMENT NAME N/A
8. FARM OR LEASE NAME Harrison
9. WELL NO. 1-18A
10. FIELD AND POOL, OR WILDCAT Bluebell
11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA R2E Sec. 18, T1S, R1E
12. COUNTY OR PARISH Uintah 13. STATE Utah
14. PERMIT NO. API#43-047-30593
15. ELEVATIONS (Show whether BY, RT, GR, etc.) 5455' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [ ], FRACTURE TREAT [ ], SHOOT OR ACIDIZE [ ], REPAIR WELL [ ], (Other) [ ]
FULL OR ALTER CASING [ ], MULTIPLE COMPLETE [ ], ABANDON\* [ ], CHANGE PLANS [ ]
SUBSEQUENT REPORT OF: WATER SHUT-OFF [ ], FRACTURE TREATMENT [ ], SHOOTING OR ACIDIZING [ ], (Other) [ ]
REPAIRING WELL [ ], ALTERING CASING [ ], ABANDONMENT\* [XX]

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.)
BOW VALLEY plugged and abandoned well as follows on 10-25-84:
1. MIRUSU. ND WH. NU BOP. Release Model 'R' pkr @ 8508'. POOH w/tbg. LD BHA.
2. RIH w CIBP on tbg for 5" 18# csg. Set @ 11,000'.
3. Circulate hole clean.
4. Spot 1 1/2 bbls 16.4# class 'H' cement w/.2% HR-4 on top of CIBP.
5. POOH w/4 jts tbg to 10,887'. Reverse circ tbg clean. Spot 11.2# mu@V. OIL, GAS, MINING from 10,887' to 8300'.
6. POOH w/Baker setting tool. PU Baker #3 BB mechanical set cement retainer f/7" 29# csg.
7. TIH. Set retainer @ 8200'. Test csg & retainer to 3000# for 5 min. Held OK.
8. Spot 50 sx 16.4# class 'H' cement (9 1/2 bbls). Disp 8 bbls cement below retainer. Pulled 1 jt tbg. Reversed out 1/2 bbl cement leaving 1 bbl cement on top of retainer. Test retainer & csg to 3000# for 5 min. Held OK.
9. Perf w/4 shots @ 60' from ground level. Unable to circ. Perf 4 shots w/second gun. Broke circ. Cement inside 7" and between 9-5/8" & 7" casings w/35 sx class 'H' 16.4# cement w/2% CaCl2. Disp 7" csg w/1/2 bbl fresh H2O. Had 1 1/2 bbls 16.4# cement slurry returns on 9-5/8" csg. Test cement plug @ surface to 3000#. Held OK.
10. Cut off 9-5/8" and 7" csgs 4' below ground level. Install 4" OD dry hole marker inside 7" csg. Fill 7" csg w/10 sx cement.
11. Remove production equipment, reclaim and clean location.

18. I hereby certify that the foregoing is true and correct
SIGNED Michelle Emerson TITLE Eng. Tech. DATE 11-13-84
MICHELLE EINERSON

APPROVED BY \_\_\_\_\_ TITLE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE 11/20/84
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_
\*See Instructions on Reverse Side Page

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 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  
 2381' FWL, 2219' FSL, NE SW

14. PERMIT NO.  
 43-047-30593

15. ELEVATIONS (Show whether SV, ST, OR, etc.)  
 5455' GR

5. LEASE DESIGNATION AND SERIAL NO.  
 Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Harrison

9. WELL NO.  
 1-18A2E

10. FIELD AND POOL, OR WILDCAT  
 Bluebell

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
 Sec. 18, T1S, R2E

12. COUNTY OR PARISH  
 Uintah

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 checked="" 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.)\*

Please refer to our previous sundry notice dated 11-13-85 per abandonment of the well.

Reclaiming and cleaning operations were not completed due to onset of winter. When snow melts and the ground thaws, Bow Valley will proceed with cleaning and reseeding the location.

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

SIGNED Michelle M. Mecham TITLE Eng. Tech. DATE 3-7-85  
 MICHELLE M. MECHAM

(This space for Federal or State office use)

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