

UTAH

NPTS

MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FIL \_\_\_\_\_

TION INSPECTED \_\_\_\_\_ SUB. REPORT NO. \_\_\_\_\_

\* Location Abandoned - well never drilled - Feb 4, 1982

DATE FILED 9-17-79

LAND: FEE & PATENTED  STATE LEASE NO. \_\_\_\_\_

PUBLIC LEASE NO. \_\_\_\_\_

INDIAN \_\_\_\_\_

DRILLING APPROVED: 9-13-79

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: LA February 4, 1982

FIELD: Altamont 3/86

UNIT: \_\_\_\_\_

COUNTY: Duchesne

WELL NO. Broadhead 1-20B6

API NO: 43-013-30503

LOCATION 585' FT. FROM (N) ~~XX~~ LINE.808' FT. FROM (E) ~~XX~~ LINE.

NE NE ¼-¼ SEC. 20

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

2S

6W

20

SHELL OIL COMPANY

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT. ABD. \_\_\_\_\_

\* Location Abandoned - well never drilled - Feb 4, 1982

DATE FILED 9-17-79

LAND: FEE & PATENTED X STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 9-13-79

SPUDDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: LA February 4, 1982

FIELD: Altamont 3/86

UNIT: \_\_\_\_\_

COUNTY: Duchesne

WELL NO. Broadhead 1-20B6

API NO: 43-013-30503

LOCATION 585' FT. FROM (N) ~~XX~~ LINE. 808' FT. FROM (E) ~~XX~~ LINE. NE NE  $\frac{1}{4}$ - $\frac{1}{4}$  SEC. 20

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				2S	6W	20	SHELL OIL COMPANY

FILE NOTATIONS

Entered in NID File .....  
 Location Map Pinned .....  
 Card Indexed .....  
 Checked by Chief .....  
 Approval Letter .....  
 Disapproval Letter .....

COMPLETION DATA:

..... Completed ..... Location Inspected .....  
 ..... WW..... TA..... Bond released  
 ..... OS..... PA..... 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.....  
 CBLog..... CCLog..... Others.....

*Handwritten signature and date: 2-9-82*

Please return approved copy  
the following address:

Shell Oil Company  
Rocky Mountain Division Production  
P. O. Box 831  
Houston, Texas 77001  
Attn Linda Molaison  
Room 19105 Entex Building

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

IRCES

(713) 241-6161

Fee

EEPEN, OR PLUG BACK

PLUG BACK

b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>	5. Lease Designation and Serial No. Fee
2. Name of Operator Shell Oil Company		6. If Indian, Allottee or Tribe Name	
3. Address of Operator P. O. Box 831, Houston, Texas 77001		7. Unit Agreement Name	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 585' FNL & 808' FEL SEC. 20 At proposed prod. zone		8. Farm or Lease Name BROADHEAD	
14. Distance in miles and direction from nearest town or post office* 20 + Miles from Duchesne, Utah		9. Well No. 1-20B6	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 585'		10. Field and Pool, or Wildcat ALTAMONT-WASATCH	
16. No. of acres in lease 640		11. Sec., T., R., M., or Blk. and Survey or Area NE/4 NE/4 Sec. 20, T2S R6W	
17. No. of acres assigned to this well 640		12. County or Parrish 13. State Duchesne County, Utah	
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. No other wells on this lease		19. Proposed depth 15,200 ±	
20. Rotary or cable tools Rotary		21. Elevations (Show whether DF, RT, GR, etc.) 6158 (UNGRADED GROUND)	
22. Approx. date work will start* October 1, 1979		23. PROPOSED CASING AND CEMENTING PROGRAM (Location Preparation)	
Size of Hole	Size of Casing	Weight per Foot	Setting Depth
SEE DRILLING PROGNOSIS			

ATTACHMENTS:

1. Survey Plat
2. Drilling Prognosis
3. Topo Map (For Information)



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 B. M. Jobe Title Supvr. Regulatory Permits Date 8-28-79  
(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

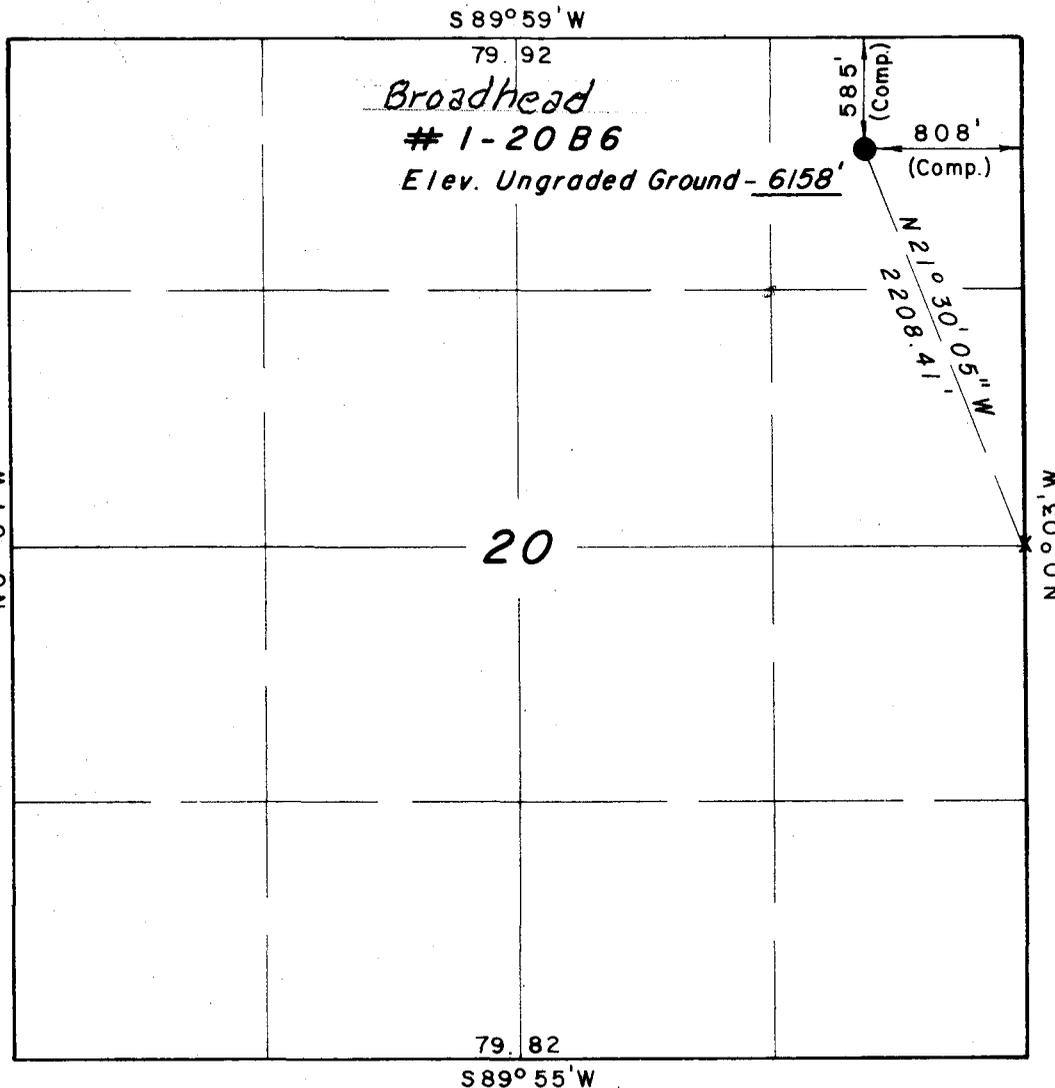
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

T 2 S , R 6 W , U.S.B.&M.

PROJECT

SHELL OIL COMPANY

Well location, # 1-2086,  
located as shown in the NE  
1/4 NE 1/4 Section 20, T2S,  
R6W, U.S.B. & M. Duchesne  
County, Utah.



NOTE: Basis of Bearings is a Solar Observation.



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	8 / 1 / 79
PARTY	MS KH MH RP	REFERENCES	GLO Plat
WEATHER	Partly Cloudy, Hot	FILE	SHELL OIL CO.

X = Section Corners Located

DRILLING WELL PROGNOSIS

WELL NAME BROADHEAD 1-20B6  
 TYPE WELL Development  
 FIELD/AREA Altamont

APPROX. LOCATION (SUBJECT TO SURVEY) NE Cor. Sec 20, T2S, R6W Duchesne Co., Utah

EST. G. L. ELEVATION 6158 PROJECTED TD 15,200 OBJECTIVE North Horn, Flagstaff, Wasatch

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17 1/2"	13 3/8"	DIL-SP-GR		13 3/8"@300+' Tgr1 4120' (+2200)	SAMPLES: 30' - surface to 6000' 10' - 6000' to T.D.  CORES: None
12 1/2"	9 5/8"			9 5/8"@ 6000'+ Tgr2 6420' (-100)	
3 3/4"	7"	Mud loggers DIL-SP-GR FDC-CNL-GR-CAL BHCS-GR		Tgr3 7770' (-1450)	DST'S: None  DEVIATION CONTROL
				MI 9120' (-2800)	
				Transition 9320 (-3000)	
				Red Beds 9720 (-3400)	
1/8"	5" liner			7"@10,000'+ B/Red Beds 10,120' (-3800)	CEMENT 13 3/8": Cement to surface 9 5/8": Cement to 4500'+ 7": bullhead top job 5": Cement to 8500'+ Cement to lap  MUD 0 - 300': Fresh water mud 300'-6000': Aerated lime water with x-100 6000'-9000': Clear lime water with x-100 9000'-TD Lime treated mud  See "Expected Pressure Distribution" curve for anticipated mud weight requirements.
				B/Transition 10820 (-4500)	
				T.D. 15,200 ±	

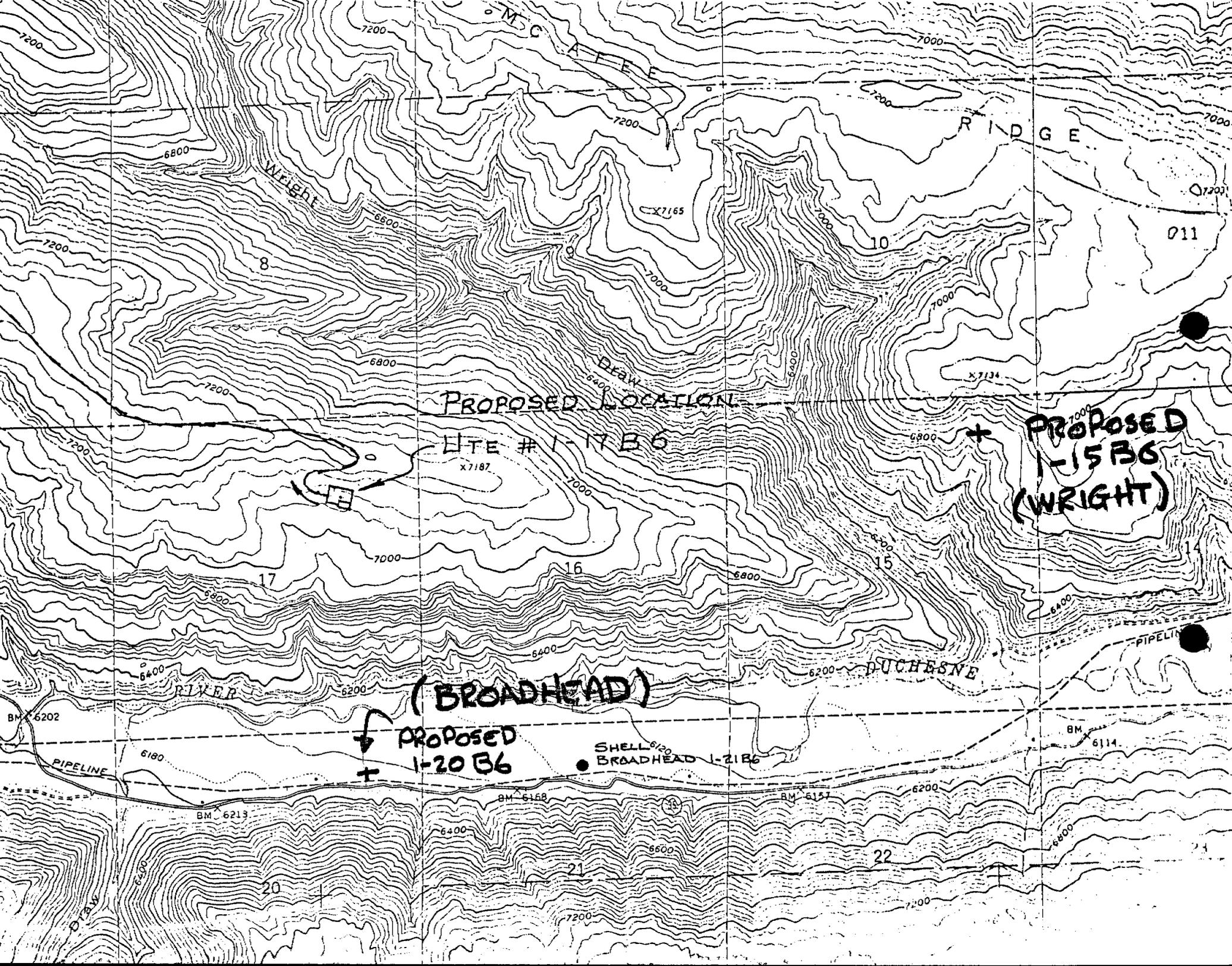
ORIGINATOR: K. J. Hellmer *KJH* DATE 6/21/79

ENGINEERING APPROVAL: *JHB*

PETROLEUM:

OPERATIONS

OPERATIONS APPROVAL: *J. Smith*



PROPOSED LOCATION

UTE # 1-17 B6

(BROADHEAD)

PROPOSED 1-20 B6

PROPOSED 1-15 B6 (WRIGHT)

SHELL BROADHEAD 1-21 B6

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: August 31, 1979

Operator: Shell Oil Company

Well No: Broadhead 1-20B6

Location: Sec. 20 T. 25 R. 6W County: Duchesne

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-013-30503

CHECKED BY:

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

Remarks:

Petroleum Engineer: CSG. OK, BOP Design &

Spec's. are in file unit #1-3686 file Jmt OR

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

#3r

Order No. 139-8 9/20/79  
w/ topo etc

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

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

O.K. Rule C-3

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

Other:

See  
plotted  
in  
map

Letter Written/Approved  
Utm

September 13, 1979

Shell Oil Company  
PO Box 831  
Houston, Texas 77001

Re: Well No. Broadhead 1-20B6  
Sec. 20, R. 2S, R. 6W.,  
Duchesne County, Utah

Dear Sir:

Insofar as this office is concerned, approval to drill the above referred to oil well with a topographical exception is hereby granted in accordance with the Order issued in Cause No. 139-8 dated September 20, 1972. However, if there is some deviation in drilling, we would appreciate it if you would attempt to deviate towards the center of the NE quarter of the section.

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

FRANK M. HAMNER  
Chief Petroleum Engineer      or  
Office: 533-5771  
Home: 531-7827

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

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 43-013-30503.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Frank M. Hamner  
Chief Petroleum Engineer

/b:tm  
cc



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

October 13, 1981

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

Shell Oil Company  
P.O. Box 831  
Houston, TX 77001

Re: Well No. Broadhead 1-20B6  
Sec. 20, T2S, R6W  
Duchesne County, Utah

Well No. Wright 1-15B6  
Sec. 15, T2S, R6W  
Duchesne County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Ferri Reid*  
FERRI REID  
CLERK TYPIST

Shell Oil Company



P.O. Box 831  
Houston, Texas 77001

October 30, 1981

State of Utah  
Dept. of Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

NOV 02 1981

Gentlemen:

Broadhead 1-20B6  
Section 20, T2S-6W  
Duchesne County, Utah

Wright 1-15B6  
Section 15, T2S-6W  
Duchesne County, Utah

In response to your letter of October 13, 1981 (copy attached), we do not plan to drill the subject geological tests.

Please allow the permits to expire.

Yours very truly,

A handwritten signature in cursive script that reads "G. M. Jobe".

G. M. Jobe  
Administrator, Regulatory Permits  
Rocky Mountain Division

LAM/br

Attachment

cc: Gene Stewart  
Uintah Engineering, Land Surveying  
Box Q  
Vernal, Utah 84079



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 4, 1982

Shell Oil Company  
P. O. Box 831  
Houston, Texas 77001

Re: Well No. Broadhead 1-20B6  
Sec. 20, T. 2S, R. 6W  
Duchesne County, Utah

Well No. Wright 1-15B6  
Sec. 15, T. 2S, R. 6W  
Duchesne County, Utah

Gentlemen:

Approval to drill the above mentioned wells, which was granted in our letter of September 13, 1979 & September 13, 1979, is hereby terminated for failure to spud them within a reasonable period of time.

If and when you should decide to drill these wells, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight /cf*

Cleon B. Feight  
Director