

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Walter D. Broadhead

3. ADDRESS OF OPERATOR
1645 No. 7th. St., Grand Jct., Colo...81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 990 ft. west of east line
At proposed prod. zone 990 ft. so. of north line *NENE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Two miles north of Cisco Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any) 990'

16. NO. OF ACRES IN LEASE 160'

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH 1200

20. ROTARY OR CABLE TOOLS rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4448 D.

22. APPROX. DATE WORK WILL START*
April 25, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/8	7"	17 lb.	92	Circulated 20 SX
6 1/2	4 1/2"	9 1/2 lb.		30 SX

Surface formation; Mancos
Propose to test Dakota and Cedar Mountain formations
Surface Mancos shale
715' Dakota Sandstone
1140' Salt Wash
1550' Entrada

Pressure control; Schematic attached showing BOP, kill lines. check valves and pressure ratings.

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

DATE: 7/1/81
BY: [Signature]

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.

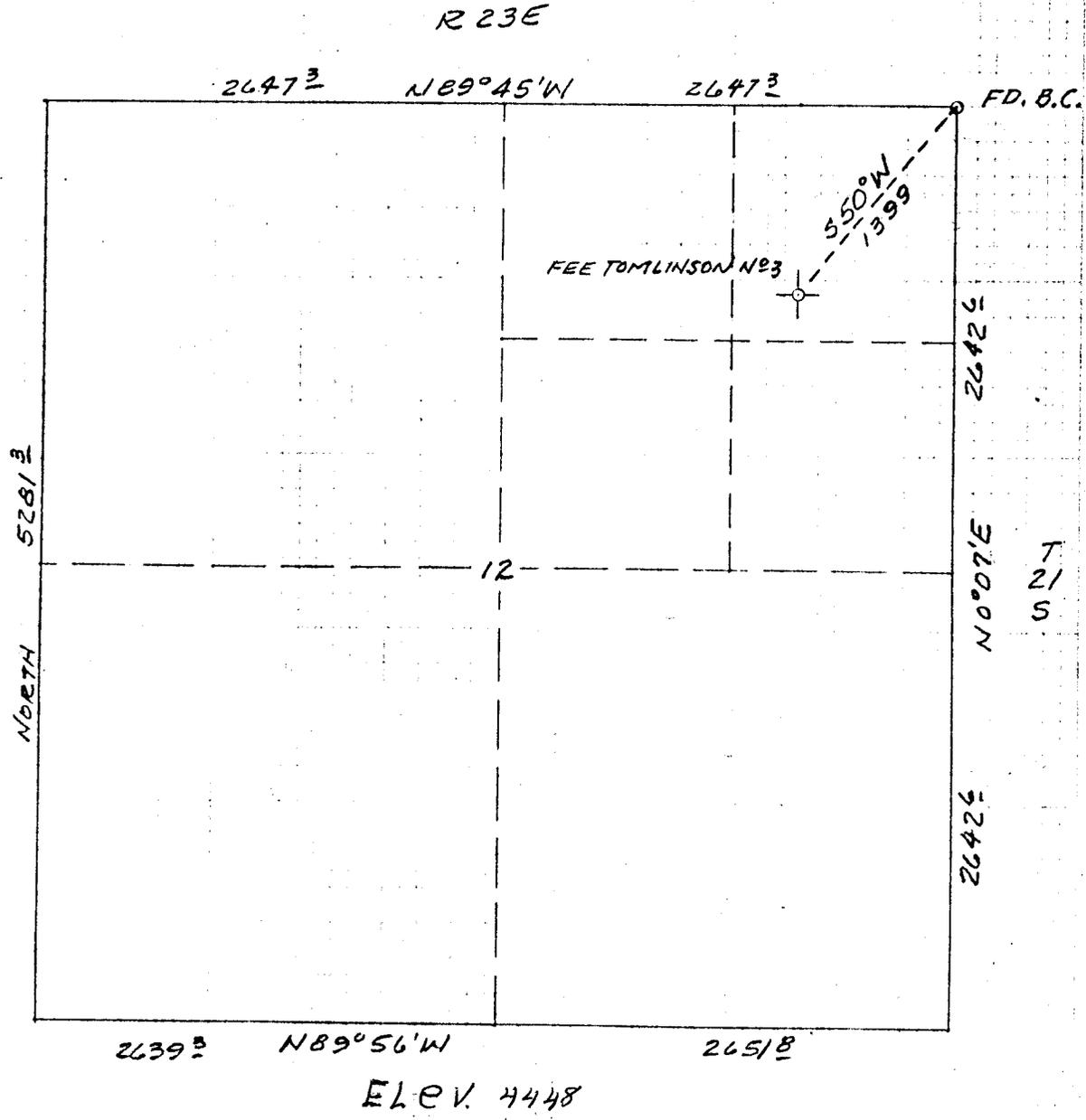
24. SIGNED Walter D Broadhead TITLE Operator DATE 6/26/1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

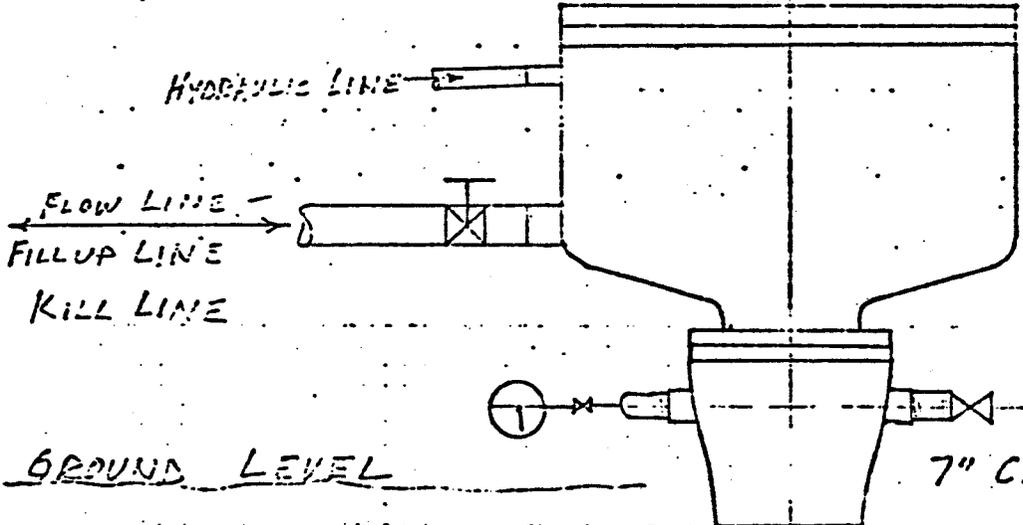
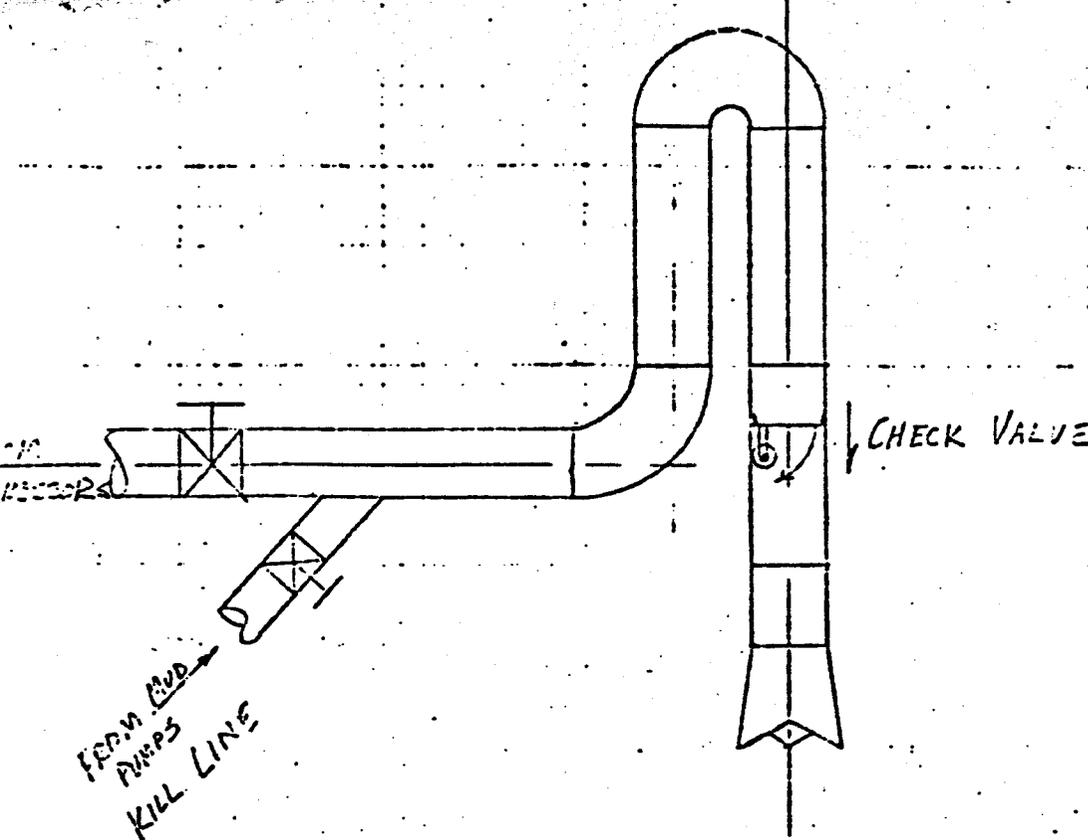
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

BEARING FROM MAGNETIC (19°30' DEC. CORRECTED)



WELL LOCATION PLAT
 FEE TOMLINSON N°3
 IN NE 1/4 NE 1/4, SEC. 12, T 21 S, R 23 E, S. L. B. & M.
 GRAND COUNTY, UTAH
 SCALE: 1" = 1000' MAY 19, 1981
 TRANSIT (COMPASS BEAR.) & EDM. SURVEY
 FOR LAYTON OIL EXPLORATION





REGAN
TORUS BLOWOUT
PREVENTER
3000 PSI WORKING PRESSURE

TO CHOKES & PIT
7" CASING HEAD
JUN 25
7" SURFACE PIPE
DIVISION OF
OIL, GAS & MINING

J.N. BURKHALTER, PE-LS
SCHMATIC OF CONTROL SYSTEM FOR DRILLING BROADHEAD WELLS NEAR CISCO, UTAH.

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tomlinson

9. WELL NO.

Tomlinson #3

10. FIELD AND POOL, OR WILDCAT

wildcat

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

S12, T21S., R23E.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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
Walter D, Broadhead

3. ADDRESS OF OPERATOR
1645 North 7th. St. Grand Jct., Colo....81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 990 South of north line

At top prod. interval reported below

At total depth 990 west of east line

14. PERMIT NO. DATE ISSUED

43-019-30818

15. DATE SPUNDED

4--23-81

16. DATE T.D. REACHED

4-28-81

17. DATE COMPL. (Ready to prod.)

NA

18. ELEVATIONS (DF, R&B, RT, GR, ETC.)*

4448

19. ELEV. CASINGHEAD

NA

20. TOTAL DEPTH, MD & TVD

1155

21. PLUG, BACK T.D., MD & TVD

NA

22. IF MULTIPLE COMPL., HOW MANY*

NA

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

XX

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

NA

25. WAS DIRECTIONAL SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

no logs run

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"	171b	92	8 5/8	circulated 25SX	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Walter D. Broadhead TITLE Operator DATE 6/26/81

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

Formation	Top	Bottom		
Mancus	0	620	shale	
Dakota	620'	720'	sand	
Saltwash	1130'	1150'	sand	salt water

No shows of oil or gas

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 X Dry hole

2. NAME OF OPERATOR
Walter D. Broadhead

3. ADDRESS OF OPERATOR
1645 North 7th. St. Grand Junction, Colo....81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
990 West of East line
990 South of North line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
4448

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tomlinson

9. WELL NO.
Tomlinson #3

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S12, T21S. R23E.

12. COUNTY OR PARISH
Grand

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) <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.)*

Hole full of Jel mud 9.3

#1. 15 SX in bottom 1055 to 1155

#2. 15 SX across Dakota 620 to 720

#3 30 SX in surface 120' with regulation marker

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/21/81
BY: [Signature]

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

SIGNED Walter D. Broadhead TITLE Operator DATE 6-26-1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Walter Broadhead

WELL NAME: Tomlinson #3 (Fee)

SECTION 12 TOWNSHIP 21S RANGE 23E COUNTY Grand

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 1155'

CASING PROGRAM:

7", 17# @ 92' circ. to surface

FORMATION TOPS:

Mancos-	surface
Dakota (ss)-	715'
Salt Wash-	1140'

PLUGS SET AS FOLLOWS:

1. 1155-1055'
2. 720-620'
3. 120'-surface

The interval between plugs shall be filled with a 9.3#, 50 vis. fresh water gel based mud; erect regulation dryhole marker; clean up, grade and restore the location; and notify this Division when the location is prepared for inspection.

DATE _____ SIGNED _____ MTM

cc: W. D. Broadhead

** FILE NOTATIONS **

DATE: July 1, 1981

OPERATOR: Walter D. Broadhead

WELL NO: Lomlinson #3

Location: Sec. 12 T. 21S R. 23E County: Grand

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-~~30~~3081918

CHECKED BY:

Petroleum Engineer: _____

Director: OK CB Feig

Administrative Aide: as per order below, ab on boundaries, ab on any other oil or gas wells.

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 102-16B

O.K. Rule C-3

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

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

July 6, 1981

Walter D. Broadhead
1645 N. 7th St.
Grand Junction, Colo. 81501

RE: Well No. Tomlinson #3,
Sec. 12, T. 21S, R. 23E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B.

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 - Petroleum Engineer
Office: 533-5771
Home: 876-3001

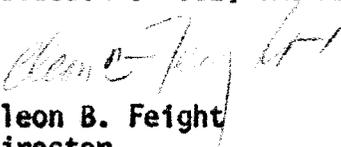
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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 43-019-30818.

Sincerely,

DIVISION OF OIL, GAS AND MINING


Cleon B. Feight
Director

CBF/db
CC: OGM