

FILE NOTATIONS

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

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 1/31/79.....

Location Inspected

Bond released
State or Fee Land

OW..... WW..... TA.....
SI GW..... OS..... PA.....

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CCLog..... CCLog..... Others.....

7-22-92
JEP

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-21329

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES

9. WELL NO.

CIGE 39-28-10-21

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

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

SECTION 28-T10S-R21E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, CO 80201

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

At surface

1813' FSL & 1909' FEL, SECTION 28-T10S-R21E

At proposed prod. zone

SAME AS ABOVE

NW SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 15 MILES SE OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)

1813' FSL

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

ROTARY

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

5380' UNGRADED GROUND

22. APPROX. DATE WORK WILL START*

SEPTEMBER 15, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	200'	125 sx
7-7/8"	4-1/2"	11.6#	6000'	AS REQUIRED TO CIRCULATE CEMENT BACK TO SURFACE

FRESH WATER AQUAFERS WILL BE PROTECTED WHEN THE LONG STRING IS RUN AND CEMENT IS CIRCULATED TO SURFACE.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) BOP PROGRAM
- (2) BOP SCHEMATIC
- (3) PLAT

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 8-9-78

BY: *Charles J. Knight*

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 *E. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE JULY 31, 1978
E. R. MIDKIEF

(This space for Federal or State office use)

PERMIT NO. 43-047-30482 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

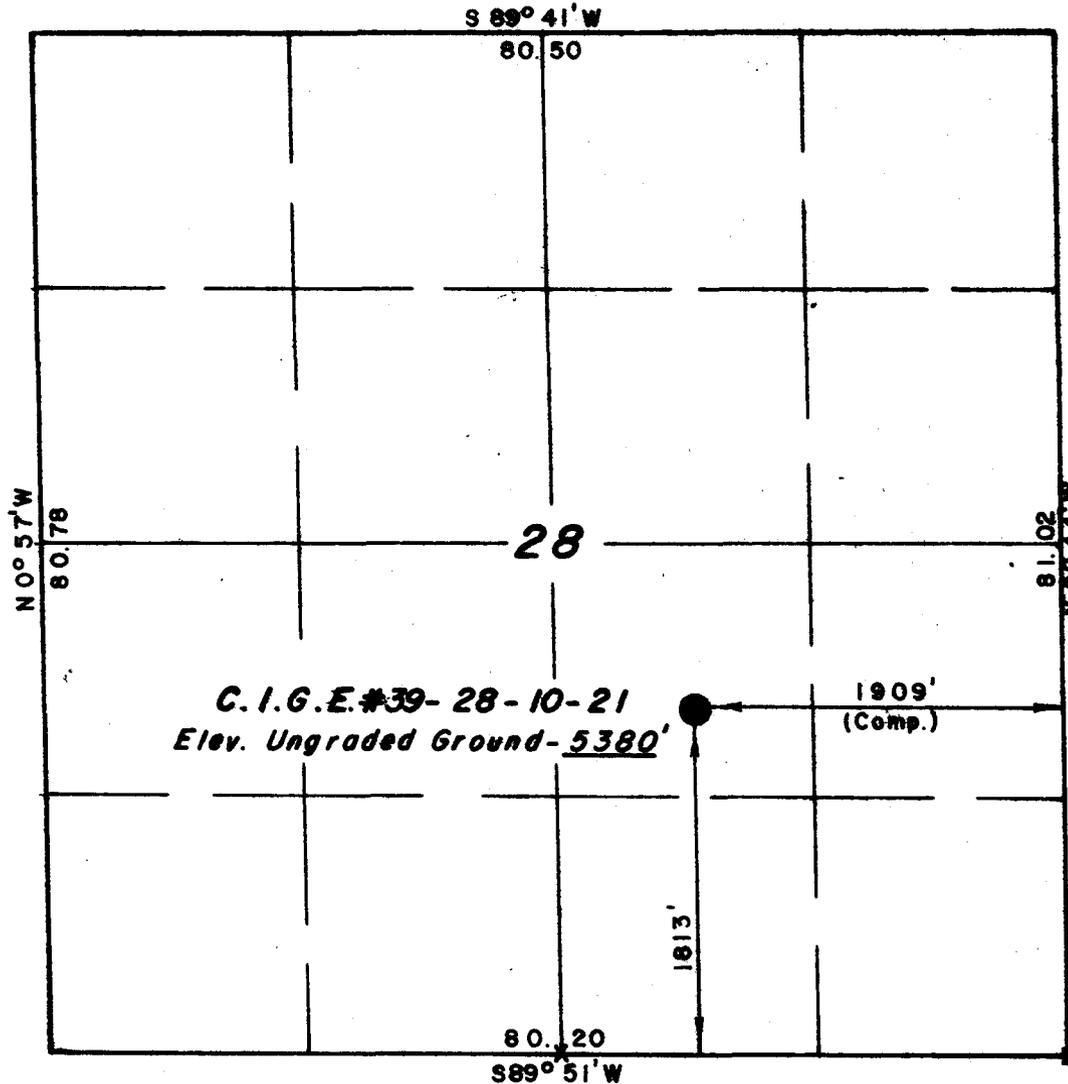
CONDITIONS OF APPROVAL, IF ANY:

T10S, R21E, S.L.B. & M.

PROJECT

C.I.G. EXPLORATION, INC.

Well location, C.I.G.E.#39-28-10-21,
located as shown in the NW1/4SE1/4
Section 28, T10S, R21E, S.L.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.

Nelson Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 7 / 26 / 78
PARTY DA JB RP	REFERENCES GLO Plat
WEATHER Fair	FILE C.I.G. EXPLORATION INC.

X = Section Corners Located

GENERAL INFORMATION:

The proposed well locations and associated access roads were intensively examined for prehistoric and historic cultural remains between September 12 and September 22, 1978, by D. G. Weder of AERC. All of the wells examined are located on land administered by the State of Utah. The legal description of each well location and access road is shown below. In addition, maps showing each location are attached.

	<u>WELL #</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>ACCESS ROAD</u>
	✓20	20	10 South	21 East	Same
STATE	24	29	9 South	22 East	Same
	36	12	10 South	22 East	Township 10 South, Range 23 East, Section 7 also
	37	13	10 South	22 East	Same
STATE	39	28	10 South	21 East	Same
STATE	42	25	9 South	21 East	Same
	43	14	10 South	22 East	Same

The well locations were examined by performing parallel transects spaced at 15 meter intervals. In addition, each transect extended approximately 15 meters beyond the marked boundaries of the location. The access roads were examined by performing two parallel transects spaced 15 meters apart and equidistant from the road centerline. In this manner, a 30 meter-wide corridor was examined for each access road.

RESULTS:

No prehistoric or historic culture resource sites were encountered during the surface examination of the well locations and access roads listed above. Three of the well locations and access roads were disturbed by construction prior to their examination by the archeologist. In the case of well locations 24-29-9-22 and 39-28-10-21, the access road and pad had been graded and the well was being drilled. In the case of well location 42-25-9-21, the access road and pad were already partially graded when the archeological examination was conducted. No cultural resources were noted in any of these disturbed areas.

CONCLUSIONS AND RECOMMENDATIONS:

A cultural resources clearance can be recommended for the proposed well locations and access roads if, during development, compliance to the following stipulations is observed:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations;
2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and
3. a qualified archeologist be consulted should cultural remains from subsurface deposits be

GPE-78-5C
Summary Report
10/10/78
p. 4

exposed during construction work or if the
need arises to relocate or otherwise alter
the construction area.

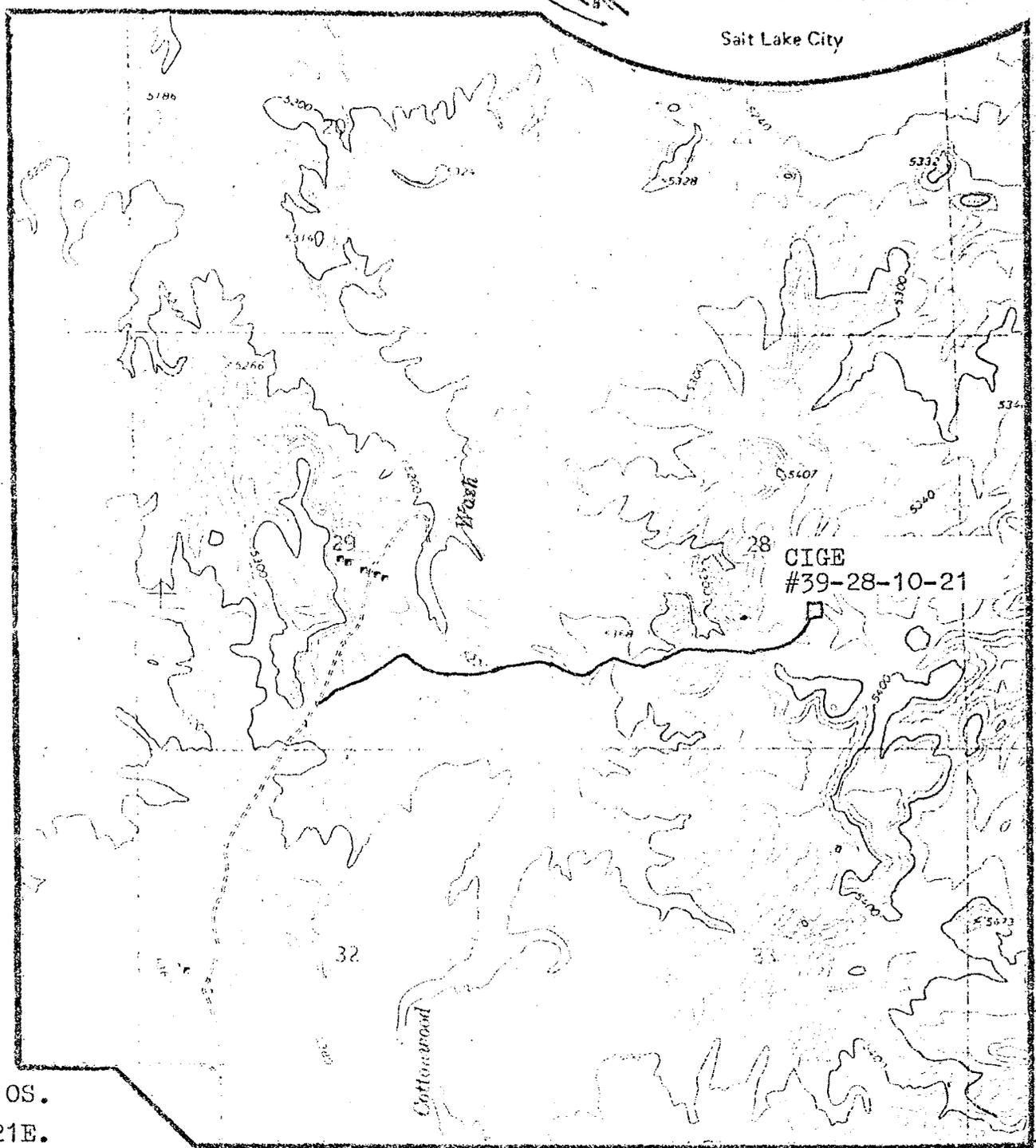
Dennis G. Weder

D. G. Weder
Archeologist

F. R. Hauck

F. R. Hauck, Ph.D.
President

Salt Lake City



CIGE
#39-28-10-21

T. 10S.
R. 21E.

Meridian: Salt Lake B & M

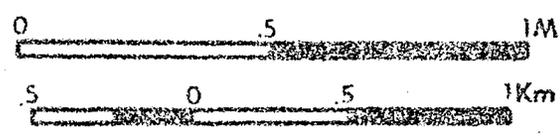
Quad:

Project: GPE-78-50
Series: Eastern Utah
Date: 10/10/78

PROPOSED WELL LOCATION AND
ACCESS ROAD
CIGE 39-28-10-21
NATURAL BUTTES LOCALITY
UINTAH COUNTY, UTAH

Big Pack Mtn. NE,
Utah
7.5' Series

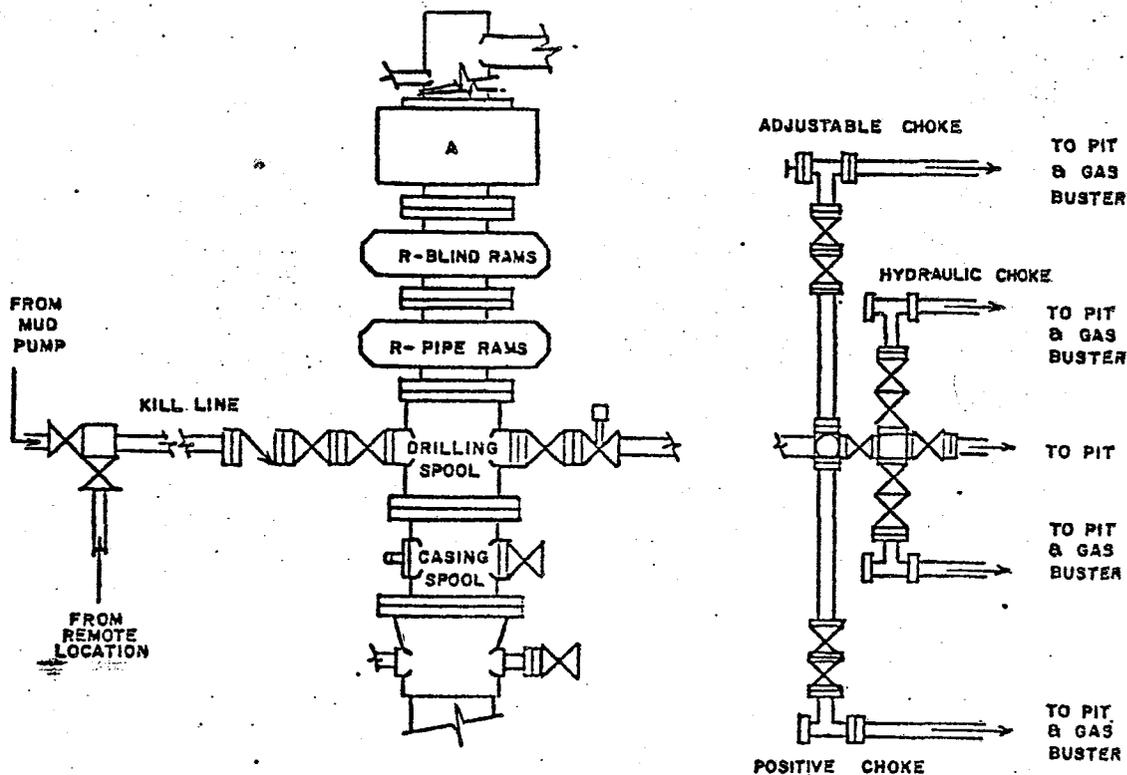
Legend:
Proposed Well Location
Existing Road _____



Scale

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Aug. 8-
Operator: Cig Exploration
Well No: Natural Butte 3-28-10-21
Location: Sec. 28 T. 108 R. 21E County: Uintah
File Prepared: Entered on N.I.D.:
Card Indexed: Completion Sheet:
API Number: B-049-30482

CHECKED BY:

Administrative Assistant: [Signature]
Remarks: P
Petroleum Engineer: [Signature]
Remarks: [Signature]
Director: [Signature]
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 Natural Butte Unit

Other:

Letter written Approved

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
GAS PRODUCING ENTERPRISES, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements. See also space 17 below.)
At surface
1813' FSL & 1909' FEL SECTION 28-T10S-R21E

14. PERMIT NO.
43-047-30482

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
5380' UNGR. GR.

5. LEASE DESIGNATION AND SERIAL NO.
ML-21329

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

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 39-28-10-21

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
SECTION 28-T10S-R21E

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) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) <input type="checkbox"/>	PIPELINE HOOKUP <input checked="" type="checkbox"/>		

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.)

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
 - (A) TYPICAL WELL HEAD INSTALLATION
 - (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED ROAD FOR FLOW LINE AND PIPELINE RIGHT OF WAY

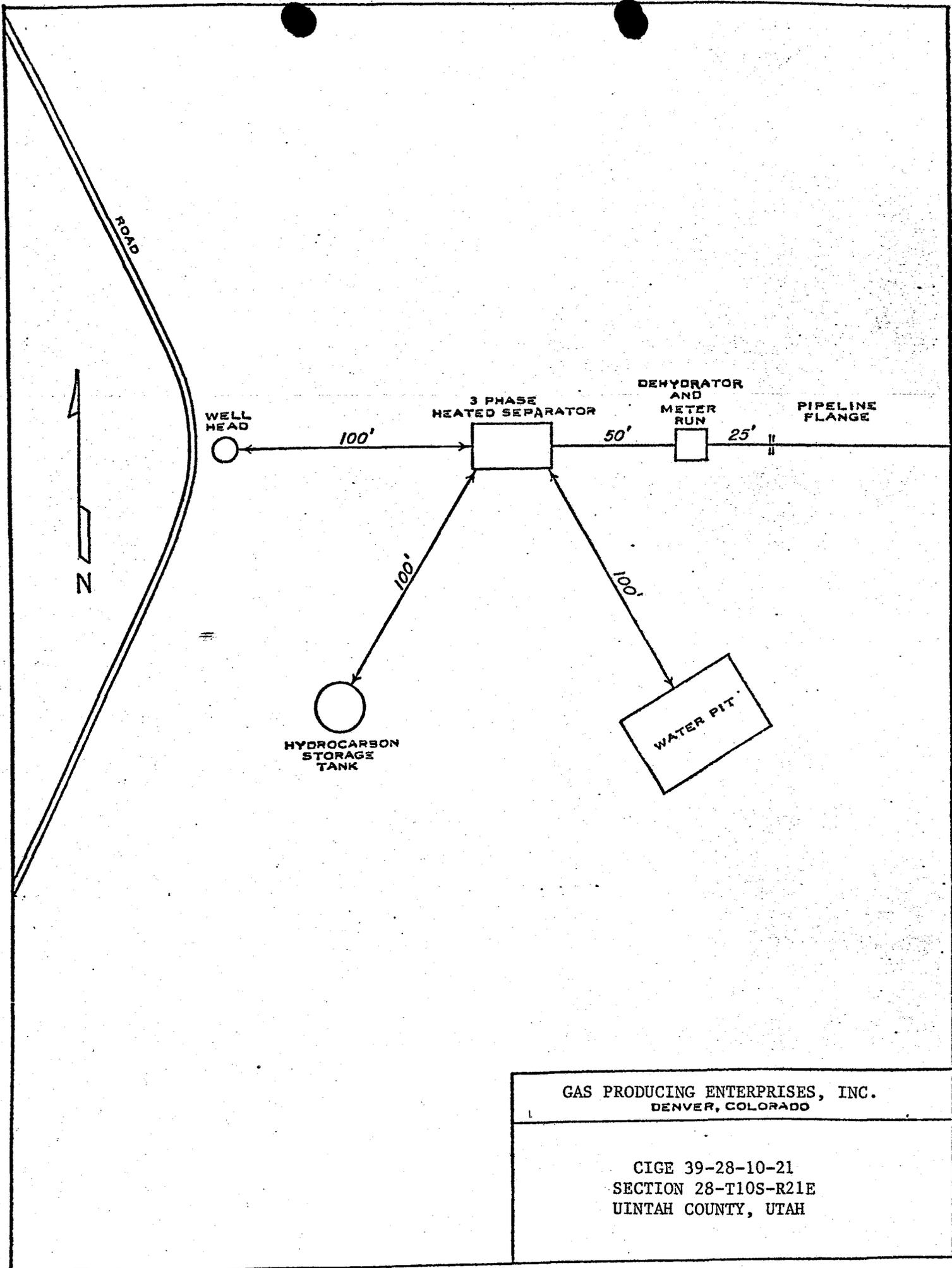
APPROVED BY THE DIVISION OF
OIL, GAS AND MINING
DATE: August 24, 1978
BY: *Ph Small*

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

SIGNED *F. R. Midkiff* TITLE DISTRICT SUPERINTENDENT DATE August 22, 1978
F. R. MIDKIFF

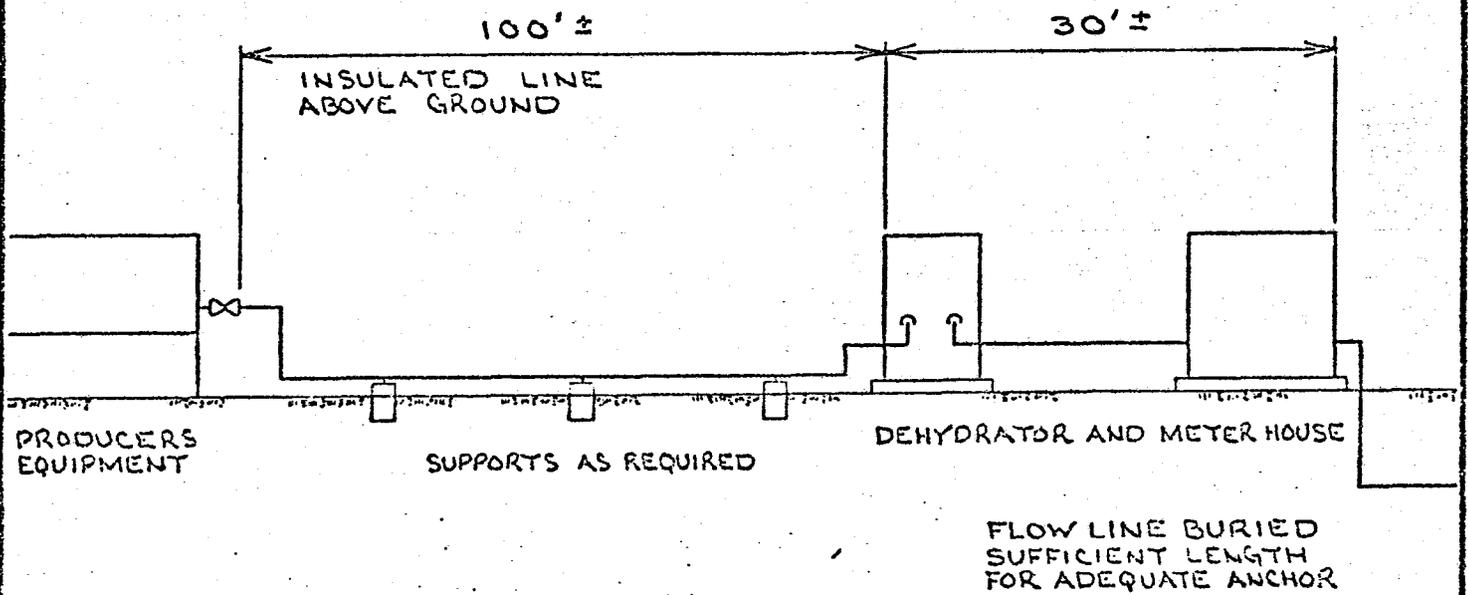
(This space for Federal or State office use)

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



GAS PRODUCING ENTERPRISES, INC.
DENVER, COLORADO

CIGE 39-28-10-21
SECTION 28-T10S-R21E
UINTAH COUNTY, UTAH



Colorado Interstate Gas Co.
 COLORADO SPRINGS COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD
 CIG #39-20-10-21
 Uintah County, UTAH

NO	CO PO	DESCRIPTION	DATE	BY	CHK	SCALE NONE	DRAWN RWP	DATE	115FP-2 1/2
		REVISIONS				TEAM 7-13-77	CHECK	10 23258	

ESTIMATE SKETCH

DATE: 8/10/78

STARTING DATE: _____

EST. COMP. DATE: _____

COMPANY CONTRACT

COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: _____

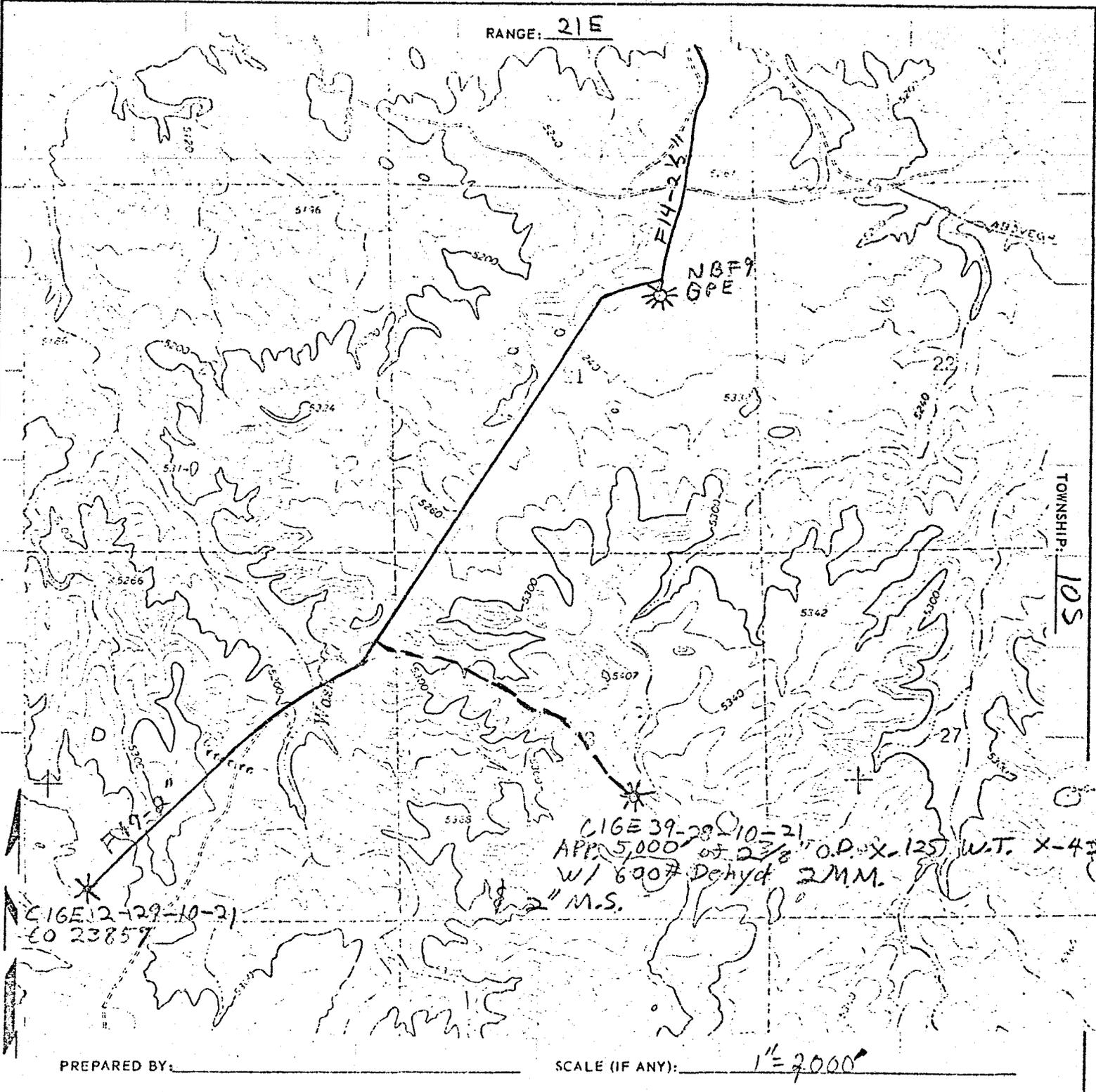
REVISION NO.: _____

BUDGET NO.: _____

RELATED DWG.: _____

LOCATION: 1813' FSL, 1909' FEL Sec. 28-10S-21E COUNTY: Uintah STATE: Utah
DESCRIPTION OF WORK: Connect CIG#39-28-10-21 Natural Gas

REQUESTED BY: _____ APPROXIMATE MILEAGE: 1.0 PROJECT ENGINEER: JFK



Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.

8-14-78

Statement for permit to lay flow line, to be included with application for drilling permit -- CIGE #39-28-10-21.

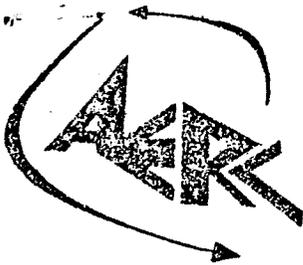
Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #39-28-10-21 in a northwesterly direction through the center of section 28, connecting to an existing line from CIGE #2-29-10-21 (F-19-2"), all in T10S, R21E. The line will be approximately 5,000 ft. long as shown on the accompanying sketches.

Pipe will be 2-3/8" O.D. x .125" W.T., Grade X-42 EW. It will be butt-welded in place using portable electric welding machines, and will be laid above ground except where burial is necessary for road crossing, ditches, or other obstructions.

CIG will connect to Producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

J. F. Kantor



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 17544 - Salt Lake City, Utah 84117

Tel.: (801) 582-0313

October 10, 1978

Well files

39

20-20-10-21

Subject: Archeological Reconnaissance for Proposed Well Locations and Associated Access Roads in the Natural Buttes Locality of Uintah County, Utah

Project: Gas Producing Enterprise - 1978 Gas-Oilwell Development in Uintah County, Utah

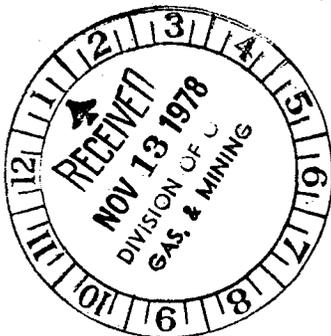
Project No.: GPE-78-5C

Permit No.: 78-Ut-014

To: Mr. Karl Oden, Gas Producing Enterprise, P. O. Box 1138, Vernal, Utah 84078

Ms. Maggie Dominy, CIG Exploration, 2100 Prudential Plaza, P. O. Box 749, Denver, Colorado 80201

Dr. David B. Madsen, State Archeologist, Crane Building Suite 1001, Antiquities Section, 307 West Second South, Salt Lake City, Utah 84101



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

SUBMIT IN DUPLICATE*

(Stamp: See instructions on reverse side)

Form approved. *M*
Budget Bureau No. 42-R355.5

10

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
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR
P. O. BOX 749 - DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface 1813 FSL 1909 FEL
 At top prod. interval reported below SAME AS ABOVE
 At total depth SAME AS ABOVE
 NWSL



5. LEASE DESIGNATION AND SERIAL NO.
ML-21329

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

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
CIGE 39-28-10-21

10. FIELD AND POOL, OR WILDCAT
BITTER CREEK FIELD

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA
SECTION 28, T10S, R21E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. PERMIT NO. 43-047-30482

15. DATE SPUDDED 09-08-78

16. DATE T.D. REACHED 09-22-78

17. DATE COMPL. (Ready to prod.) 01-03-79

18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5380' UNGR. GR.

19. ELEV. CASINGHEAD UNKNOWN

20. TOTAL DEPTH, MD & TVD 5800'

21. PLUG. BACK T.D., MD & TVD 5570'

22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS DRILLED BY ROTARY TOOLS 201' - TD

23. INTERVALS DRILLED BY CABLE TOOLS 0' - 200'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4743' - 5472' WASATCH

25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, FDC, CNL, CBL

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
9-5/8"	36#	200'	12-1/4"	150 sx	-0-
4-1/2"	11.6#	5799'	8-1/2"-7-7/8"	1728 sx	-0-

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5167"	-----

31. PERFORATION RECORD (Interval, size and number)

5472' 5470' 5467' 5466' 5465' 5464' 5463'
 5429' 4861' 4748' 4747' 4746' 4745' 4744'
 4743' w/ISPF

TOTAL 15 SHOTS

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE	ATTACHED

33.* PRODUCTION

DATE FIRST PRODUCTION NOT ON SALES

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING

WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01-03-79	24	12/64	→	-----	TSTM	-----	-----

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
50	700	→	-----	TSTM	-----	-----

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

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 E R Milkoff TITLE _____ DATE 1/25/79

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 27: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
				GREEN RIVER	1140
				WASATCH	4284

NO CORES OR DSTS

CIGE #39-28-10-21

32. DEPTH INTERVAL 4743' - 5472'

Acid w/3000 gal 7-1/2% MSR

Frac w/ 12,000 gal 10# gel, 60,000 gal 40# gel, 120,000 #10/20 snd
and 12,000 # 100 MESH snd.

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.

ML-21329

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

Natural Buttes Unit

9. WELL NO.

CIGE 39-28-10-21

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Unit

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

Section 28-T10S-R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

CIG Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201

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

At surface 1813' FSL & 1909' FEL

RECEIVED

JAN 15 1981

DIVISION OF OIL, GAS & MINING

14. PERMIT NO.

43-047-30482

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

5380' 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*

(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.)*

Well has been shut in since January 3, 1979 because it will not produce. It is believed the well is loaded up with water and that the water producing zone(s) can be isolated by the following procedure:

- (1) Clean out hole to ± 5500'.
- (2) TIH w/retrievable BP and PKR and individually test each open interval in the well.
- (3) Set CIBP or cement squeeze as necessary.
- (4) TIH w/2-3/8" tubing & put well on production.

It is estimated that CIGE #39 will produce 700 MCFD after subject workover.

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

SIGNED Terry L. Jackson
T. L. Jackson

TITLE Production Engineer

DATE January 12, 1981

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML - 21329	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
2. NAME OF OPERATOR CIG EXPLORATION, INC.		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
3. ADDRESS OF OPERATOR P. O. BOX 749, DENVER, CO 80201		9. WELL NO. CIGE 39-28-10-21	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1813' FSL & 1909' FEL		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	
14. PERMIT NO. 43-047-30482		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 28-T10S-R21E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5380' ungr		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"/>	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 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 zones pertinent to this work.)*

THIS WELL IS NON-PRODUCTIVE IN THE WASATCH FORMATION. INTENT TO PLUG AND ABANODN THIS WELL IS AS PER ATTACHED PROCEDURE.

RECEIVED
JAN 18 1982

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1-20-82
BY: Original Signed by C. B. Feight

DIVISION OF
OIL, GAS & MINING

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

SIGNED W. J. Gooden TITLE PRODUCTION ENGINEER DATE JANUARY 7, 1982
W. J. GOODEN
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

PLUG AND ABANDONMENT PROCEDURE

CIGE 39-28-10-21
NW SE SECTION 28-T10S-R21E
UINTAH COUNTY, UTAH

JANUARY 7, 1982

WELL DATA

Location: 1813' FSL & 1909' FEL, Section 28-T10S-R21E

Elevation: 5375' GL, 5389' KB

Total Depth: 5880', PBSD 4810' (BP)

Production Casing: 4½" x 11.6# N-80 set @ 5799' w/1728 sx cement.
Top of cement 1310' @ logs.

Casing ID/Capacity: 4.00"/.0155 bbl ft

Casing Drift Diameter: 3.875

Tubing: 2-3/8" x 4.7# J-55 hung @ 4642' w/NC on bottom and SN one joint up.

Perforations: 3-1/8" casing gun 1 JPSF as follows:

4743'	5429'	5463'
4744'		5464'
4745'		5465'
4746'		5466'
4747'		5467'
4748'		
		5470'
4861'		5472'

Foramtion Tops: Uintah - Surface
Green River - 1140'
Wasatch - 4284'

Present Status: SI unproductive.

PROCEDURE

1. Notify USGS office in Salt Lake City at least 24 hours prior to start of operations.
2. MIRUSU
3. Kill well w/9.2 ppg drilling mud.

PLUG AND ABANDONMENT PROCEDURE
CIGE 39-28-10-21
UINTAH COUNTY, UTAH
JANUARY 7, 1982
continued:

4. ND tree, NU BOP's.
5. RIH to 4800' and set 600' plug from 4800' to 4200' across perms 4743' - 48' and top of Wasatch inside 4½" casing w/45 sx Class "G" cement.
6. POOH to 1550' and set 250' plug from 1550' to 1300' across the top of the Green River oil shale inside 4½" casing w/20 sx Class "G" cement.
7. POOH to 300' and set 300' surface plug from 300' to surface inside 4½" casing w/25 sx Class "G" cement.
8. TOOH w/2-3/8" tubing.
9. Set 300' surface plug 100' below shoe of surface casing to 3' below surface in 9-5/8" x 4½" casing casing-annulus by bullheading w/85 sx Class "G" cement.
10. ND BOP's and RD service unit.
11. Cut off casing 3' below ground level and set dry hole marker in plug inside 4½" casing.
12. Cleanup and restore location to original grade.
13. Notify USGS to make final inspection.

Note: Total cement required to P&A this well is 175 sx.

PREPARED BY: W. J. Gooden
W. J. GOODEN, PRODUCTION ENGINEER

DATE: 1/7/82

APPROVED BY: Frank Midkiff
FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

DATE: 1-11-82

PRODUCING STATUS:

WELLHEAD WORKING PRESSURE:

KB ELEVATION: 5389' (5375' Un Gr.)

FORM. TOPS

DOWNHOLE SCHEMATIC

LEASE: C16E
 WELL #: 31-28-10-21
 FIELD: Natural Buttes
 LOCATION: sect 28-10S-21E
 COUNTY/STATE: Kintan / Utah
 TD: _____
 PSTD: _____
 PERFS: _____
 PROD. FORM(S): _____
 DATE 11/7/81 BY: WFG

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc. O.D. I.D.

HOLE SIZE: 12 1/4 "

SURFACE CASING:

O.D. 9 5/8 ", WEIGHT(S) 36 #
 GRADE(S) N-80, CPLG _____
 SET AT 200 ' w/ 1728 SX

HOLE SIZE: 8 1/2 "

7 7/8 " 465' - TB

PRODUCTION CASING

4 1/2 " 11.6 # N-80 set at
5799' w/ 1728 sx. Top of
 cement @ 1310' @ CBL.

TUBING - 2 3/8 " J-55
 tubing hung at @ 4642'

PERFORATIONS-

4743	5429	5470
4744		5472
4745	5463	
4746	5464	
4747	5465	
4748	5466	
	5467	
4861		

TOTAL: 15 HOLES

STIMULATION-

Acidized w/ 3000 gallons
7 1/2 % MGR. Fraced w/
120,000 lbs 10/20 sands
 (All parts)

Green River
Top - 1140'

Top Cement
1310'

TOP WASATCH
4284'

CIBP @
4810'

B.P. @ 5570'

5880'



MICRO-SEISMOGRAM[®] LOG-CASED HOLE

COMPANY CIG EXPLORATION
INC.

WELL CIGE 39-28-10-21

FIELD NATRUAL BUTTES
County UINTAH State UT

COMPANY CIG EXPLORTION, INC.

WELL CIGE 39-28-10S-21E

FIELD NATRUAL BUTTES

COUNTY UINTAH STATE UTAH

Location _____ Other Services: _____

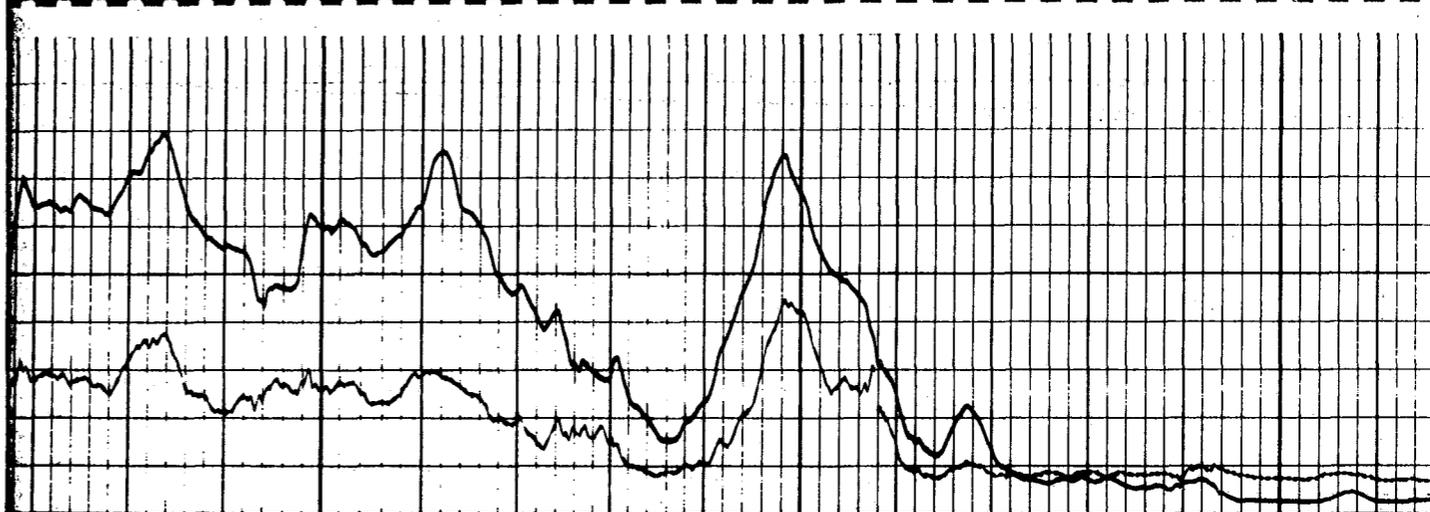
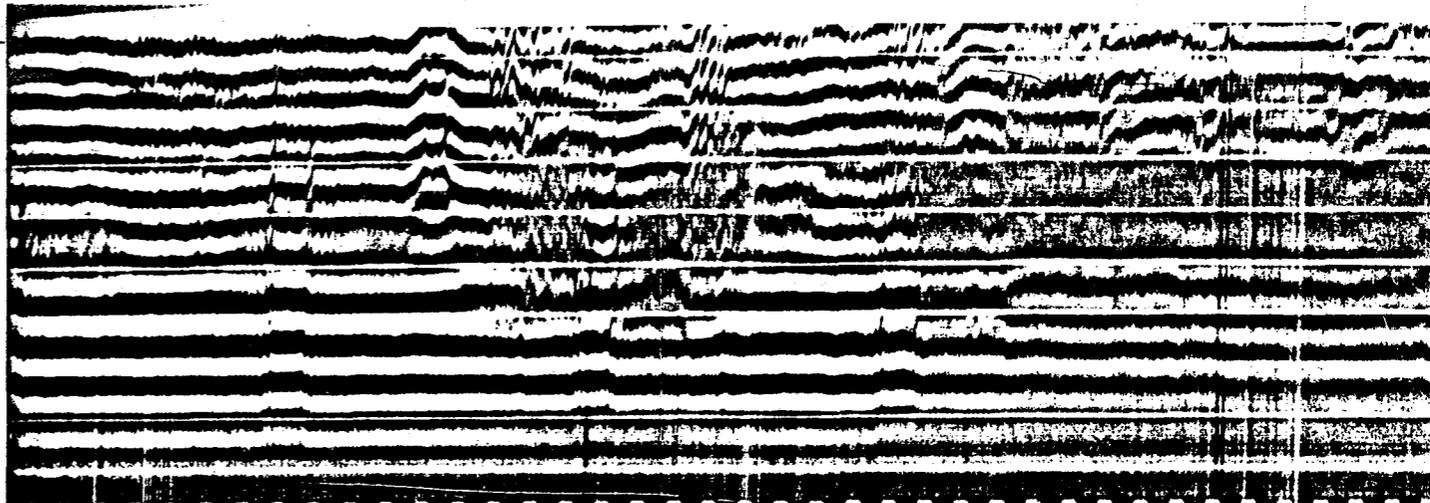
Sec. 28 Twp. 10S Rge. 21E

Permanent Datum GROUND LEVEL Elev. 5375 Elev.: K.B. 5389

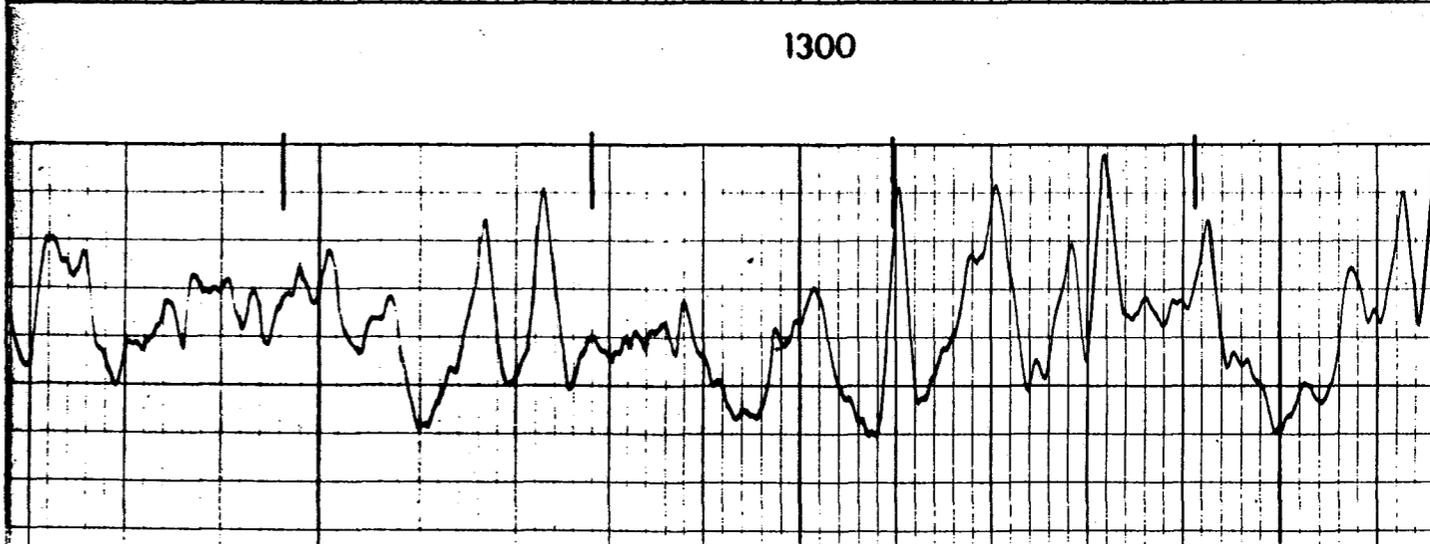
Log Measured From KELLY BUSHING 14 Ft. Above Perm. Datum D.F. --

Drilling Measured From KELLY BUSHING G.L. 5375

Run No.	ONE		
Date & Time Survey	10-11-78		
Date & Time Cementing	--		
Type Cementing Operation	--		
Depth Driller	5801		
Depth Welex	5769		
Logged Interval	5766	to	900
Casing Driller	9 5/8 "	@	212
Float Collar—D.V. Tool	-		
Squeeze Depth	-		
Amount & Type Cement	-		
Amount & Type Admix	-		
Type Fluid in Hole	WATER		
Fluid Level	FULL		
Salinity PPM Cl	NA		
Weight lb/gal—Vis.	NA		
Approx. Logged Cem. Top	1300'		
Calculated Cement Top	NA		
Max. Hole Temperature	NA	°F.	°F.
Tool No.	304/501		
Spacing Recorded	4'		
Equipment—Location	0716		VERNAL



1300



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.

ML-21329

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

Natural Buttes Unit

8. FARM OR LEASE NAME

Natural Buttes Unit

9. WELL NO.

CIGE 39-28-10-21

10. FIELD AND POOL, OR WILDCAT

Natural Buttes Unit

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

Section 28-T10S-R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

RECEIVED
APR 13 1982

DIVISION OF
OIL, GAS & MINING

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

CIG Exploration, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749, Denver, Colorado 80201

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

At surface 1813' FSL & 1909' FEL

14. PERMIT NO.

43-047-30482

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

5380' Gr.

18. 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)

(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.)*

THE ABOVE REFERENCED WELL WAS PLUGGED & ABANDONED 4-1-82. SEE ATTACHED CHRONOLOGICAL.

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

SIGNED

W. J. Gooden
W. J. GOODEN

TITLE PRODUCTION ENGINEER

DATE APRIL 6, 1982

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

CIGE 39-28-10-21 (NBU)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 19469 WI; 100%
 ATD: 5800' SD: 9-10-78
 CIGE, Inc., Oper.
 9-5/8" @ 214'; 4½" @ 5799';
 Gross Perf Int: 5472'-4743'
 (15 shots)

10-5-81 SD for Sunday.

10-6-81 Start in hole w/pkr & RBP - POOH w/ pkr & RBP. RU GO W/L to set CBP - could not correlate w/Walex CCL. POOH & wait on GR tool, set CIBP @ 4810' or W/L by Gamma ray correlation, TIH w/2 7/8" tbg, ran 2500' w/NC on btm & SN one jt up. Csts: \$25,776.

10-7-81 Moving to CIGE 76D
 FIH w/2 3/8" 4.7# J-55 tubing; landed tbg @ 4642' w/NC on btm and SN one jt 4611' up - 10' blast jt at surface; ND BOP's, NU tree; RU & make 18 swab runs - rec 76 BW, swabbed to SN lighted gas blow, SI well, RD Western Oil Well Service. Final Report. Csts: \$28,426.

11-5-81 Ran BHP survey w/Sun Oilfield service - results as follows:

Depth	Press,psi	Grad psi/ft
0	900	.022
1000	922	.022
2000	944	.322
3000	1266	.424
3500	1478	.426
4000	1691	.440
4500	1911	
4750 (ext	2021	
perfs)		

Indicates water in tubing @ ±2250'

$\frac{2021 \text{ psi}}{4750'} = .425 \text{ psi/ft}$

indicates near virgin press

P&A WELL AFE: 19908

4-1-82 MIRU Gamache Well Service. SITP = 1000 SICP = 1500 Blow down well dead in ½ hr. ND tree. NU BOP. CWC: \$1200

4-2-82 Pull & LD 10' blast jt. PU & RIH w/2-3/8" tbg to 4800' (tbg was @ 4642')
 Circ hole w/9.2 ppg drill mud. Set Cement Plug #1 from 4800' - 4200' w/45 sx glass "G" cement. Pulled tbg and set Cement Plug #2 @ 1550' - 1300' w/20 sx class "G" cement. Pulled tbg and set Plug #3 @ 300' to surface w/25 sx class "G" cement. Pumped 85 sx class "G" down 4½" x 9-5/8" annulus (300' fillup) Cut off 9-5/8" & 4½" @ 3' below ground level - installed 7' 4½" DD dry hole marker. CWC: \$12,558

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-21329
2. NAME OF OPERATOR CIG Exploration, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1813' FSL & 1909' FEL		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30482		9. WELL NO. CIGE 39-28-10-21
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5380' Gr.		10. FIELD AND POOL, OR WILDCAT Natural Buttes Unit
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 28-T10S-R21E
		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"/>	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 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.)*

P&A WELL ON APRIL 1, 1982 AS PER ATTACHED CHRONOLOGICAL.

THE SURFACE WILL BE GRADED AND RESTORED AS PER STATE REQUIREMENTS.

RECEIVED
APR 23 1982

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED W. J. Gooden TITLE PRODUCTION ENGINEER DATE APRIL 13, 1982
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

CIGE 39-28-10-21 (NBU)
 Bitter Creek Field
 Uintah County, Utah
 AFE: 19469 WI: 100%
 ATD: 5800' SD: 9-10-78
 CIGE, Inc., Oper.

9-5/8" @ 214'; 4½" @ 5799'
 Gross Perf Int: 5472'-4743'
 (15 shots)

TD: 5800'

1-1-79

Flowing to pit on 12/64" ck.
 FTP 0 - 50 psi, SICP 400 psi.
 Gas TSTM - drv.

1-2-79

Flowing to pit on 12/64" ck.
 FTP 0 - 50 psi, SICP 400 psi.
 Gas TSTM - dry.

1-3-79

Flowing well to pit on 12/64" ck.
 FTP 50 psi, SICP 700 psi. Gas TSTM.
 Well SI @ 10 AM, 1-3-79. Drop from report.

9-29-81 T.D. 5880'; PBSD ±5450'
 Prep to kill will & TIH to clean out. Slickline
 MIRU Western Oil Well Service.

9-30-81 PBSD 5536'
 Prep to POOH then RIH w/packer & BP
 Kill well w/5% KCl wtr, ND tree, NU BOP's; RIH & tag sand at 5417'; circ sand
 and clean out to 5536' w/5% KCl wtr; TOOH w/tbg, PU packer & RBP - RBP would
 not stay in retrieving head due to prob w/retrieving head; ordered new retrieving
 head; RIH w/2000' tubing for kill string. SDFN. Csts: \$5350.

10-1-81 PBSD 5536'
 Swabbing Wasatch perf 5463'-72'
 POOH w/200' 2 3/8" tubing kill string, PU Baker RBP and retrievomatic packer,
 RIH on 2 3/8" tbg and set packer at 5451'; swab test Wasatch perf 5463-72',
 made total of 22 runs - recovered 126 B gal-cut wtr; fluid level @ 2000-3000 ft.
 SDFN. Csts: \$10,700.

10-2-81 Well SIDN. 200 psi off tbg and continued perfs 5463'-5472' (bottom
 zone). Made 8 swab runs, fluid level dropped from 1400' to 3200'
 Rec 29 BW w/some sand and slight gas cut PV wtr sample. Release packer & RBP,
 reset RBP @ 5451', RU & swab test perfs 4861' and 5429' (12 holes) 22 runs
 rec 82 BW. Csts: \$14,800.

10-3-81 Swabbed perfs 4861' and 5429'
 Swabbed perfs 4861' and 5429' made 13 runs & recovered 63 BW w/some sand
 & sli gas cut, FL from 200' to 3400'; RD swab equip. Rel pkr & RBP, reset BP @
 4826' and packer at 4701', RU and swab perfs 4748-43 (6 holes) made 3 runs and
 recovered 18 BW, unloading wtr, left open to tank on. Csts: \$17,200.

10-4-81 Waiting on orders
 Unloaded 15 BW - on and logged off; RU and swabbed 6 runs - fluid
 level at SN rec 18 BW; wait 30 min between runs, made 6 additional runs,
 rec 1 BW w/slight blow of gas; rel RBP & pkr & TOOH, SDFN, SD for Sunday.
 Csts: \$19,600.

P&A WELL 4-1-82

4-1-82 MIRU Gamache Well Service. SITP = 1000 SICP = 1500 Blowdown Well died in ½ hr.
 ND tree. NU BOP's. CWC: \$1200
4-2-82 Pull & RIH w/2-3/8" tbg to 4800' (tbg was @ 4642'). Circ hole w/9.2 ppg drill muc
 Set plug #1 from 4800' - 4200' w/45 sx "G" cmt. Pulled tbg & set plug #2 @ 1550' - 1300'
 w/20 sx "G" cmt. Pulled tbg & set plug #3 @ 300' to surface w/25 sx "G" cmt. Pumped 85'
 "G" cmt dwn 4½" x 9-5/8" annulus (300' fillup) Cut off 9-5/8" & 4½" @ 3' below ground level
 Install 7' - 4½" DD dry hole marker. CWC: \$12,558