

UTAH OIL AND GAS CONSERVATION COMMISSION



REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED GAS SUB. REPORT/abd _____

** Location Abandoned - Well never drilled - 9-21-82*

DATE FILED 1-12-82

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U--0337 INDIAN _____

DRILLING APPROVED: 1-19-82

SUDDEN IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: 4892' G-L

DATE ABANDONED: LA 9-21-82

FIELD: NATURAL BUTTES 3/86

UNIT: _____

COUNTY: UINTAH

WELL NO. CHAPITA WELL UNIT #60-18 API NO. 43-047-31159

LOCATION 708 FT. FROM (N) XX LINE, 701 FT. FROM (E) X LINE NE. ENE 1/4 - 1/4 SEC. 18

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>9S</u>	<u>23E</u>	<u>18</u>	<u>BELCO DEVELOPMENT CORP.</u>				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
 BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
 P.O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 708' FNL & 701' FEL NE/NE
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 19.1 MILES FROM OURAY, UTAH

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4892' NATURAL UNGRADED GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
17 1/2"	13 3/8"	54.5#	200'
7 7/8"	4 1/2"	11.6#	7566'

SEE ATTACHMENTS FOR:
 10 POINT PROGRAM
 13 POINT SURFACE USE PLAN
 LOCATION PLAN
 TOPO MAPS "A" & "B"
 DIAGRAMS "A" & "B"
 LOCATION LAYOUT

5. LEASE DESIGNATION AND SERIAL NO.
 U-0337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 CHAPITA WELLS UNIT

8. FARM OR LEASE NAME
 NATURAL BUTTES
 CHAPITA WELLS

9. WELL NO.
 60-18

10. FIELD AND POOL, OR WILDCAT
 NATURAL BUTTES
 CHAPITA WELLS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC 18, T9S, R23E

12. COUNTY OR PARISH
 UTAH

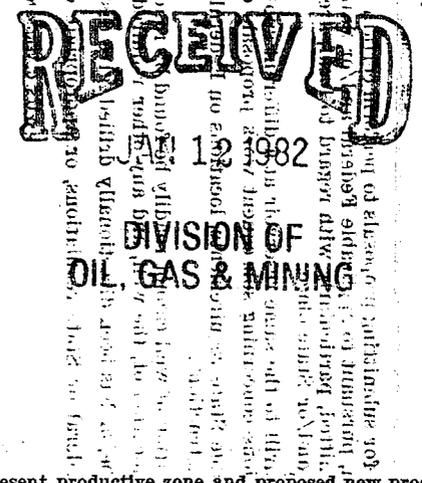
13. STATE
 UTAH

16. NO. OF ACRES IN LEASE
 2280

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
 ROTARY

22. APPROX. DATE WORK WILL START*
 MARCH 1, 1982



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 J. Buell TITLE DISTRICT ENGINEER DATE JAN 4, 1982

PERMIT NO. _____ APPROVAL APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____ DATE: 1/18/82 BY: W. J. Light

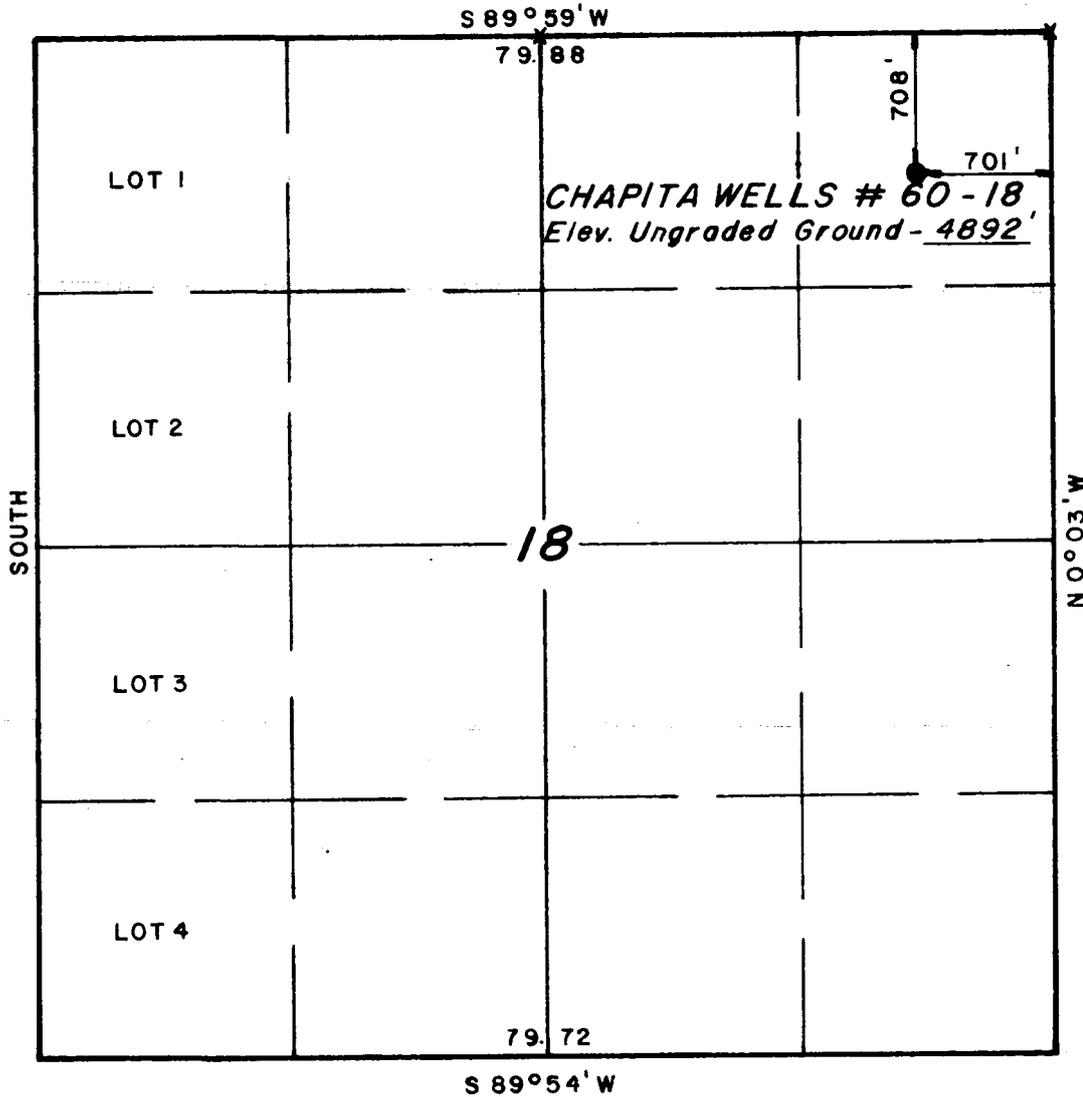
CONDITIONS OF APPROVAL, IF ANY:

T 9 S, R 23 E, S.L.B.&M.

PROJECT

BELCO DEVELOPMENT CORP.

Well location, *CHAPITA WELLS # 60-18*, located as shown in the NE 1/4 NE 1/4 Section 18, T 9 S, R 23 E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence E. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	12-16-81
PARTY	DA JK LZ	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BELCO

10 POINT PROGRAM

1. GEOLOGIC SURFACE FORMATION

Uinta formation of the Upper Eocene Age

2. ESTIMATED TOPS OF GEOLOGIC MARKERS

Uinta	Surface
Green River	1442'
Wasatch	4742'

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

Green River	1442'-4742'	Oil shale zone
Wasatch	4742'-TD	Possible Gas

4. PROPOSED CASING PROGRAM

13 3/8" 54.5# K-55 set @ 200', cmt to surface w/200 sx class "G" cmt
4 1/2" 11.6# N-80 set @7566', cmt 2 stages, 1st w/400 sx 50-50
poz-mix, 2nd w/min 500 sx 50-50 poz-mix to
adequately protect all production intervals.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

The operators minimum specifications for pressure control equipment are as follows: 10", 2000 PSI hydraulic doublegate BOP. Pressure tests of BOP to 1000 PSI will be made prior to drilling surface plug and on each trip for bit.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS

From base of surface casing to TD, it is planned to drill the well with mud. The mud system will be a water based gel-chemical mud, weighted up to 10.5 ppg as required for gas control.

7. AUXILIARY EQUIPMENT TO BE USED

Auxiliary equipment to be used will be a 2", 2000 PSI choke manifold and kill line, stabbing valve, kelly cock and visual mud monitoring.

8. TESTING, LOGGING AND CORING PROGRAMS

No coring or drill stem testing has been scheduled for this well. The logging will consist of DLL, CNL, FDL w/caliper & Cyberlook.

9. ANTICIPATE ABNORMAL PRESSURE OR TEMPERATURE

It is not anticipated that abnormal pressures or temperatures will be encountered, nor that any other abnormal hazards such as H₂S gas will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

The anticipated starting date is March 1, 1982. Drilling operations should be complete about 4 weeks after they commence.

13 POINT SURFACE USE PLAN

1. EXISTING ROADS

- A. The wellsite is located 708' FNL & 701' FEL, NE/NE, Section 18, T9S, R23E, Uintah County, Utah. (Refer to attached plat and Topo Maps "A" and "B".) The proposed wellsite is approximately 19 miles east of Ouray, Utah.
- B. To reach the proposed location, refer to attached Topo Map "A".
- C. The proposed access route is outlined on attached Topo Map "B".
- D. See Topo Map "B".
- E. Not applicable
- F. Access to the wellsite will be over existing county roads and Belco's planned access road.

2. PLANNED ACCESS ROAD

See attached Topo Map "B".

The planned access road is approximately .6 mi in length and will comply with the general specifications as outlined.

- A. The proposed access road will be a minimum of 16' crown road with ditches along either side of the road where it is determined necessary in order to handle any runoff from normal weather conditions in the area.
- B. Maximum grade of the proposed access road will not exceed 4%.
- C. No turnouts are planned for the length of the proposed access road. Line of sight vision is such that turnouts are unnecessary.
- D. Drainage design of the proposed access road will avoid unnecessary disturbance of natural runoff patterns. Drainage will be implemented so as not to cause siltation or accumulation of debris.
- E. Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.
- F. No fences will be crossed in order to access the proposed location. No cattle guards will be needed.
- G. The proposed road has been centerline flagged for the full distance of the proposed route.

3. LOCATION OF EXISTING WELLS

- A. Water wells - None
- B. Abandoned wells - None
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - CWU 41-18 is located in the same section
- G. Shut in wells - None
- H. Injection wells - None
- I. Monitoring wells - None

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Existing production facilities located within one mile of the proposed well are:
1. Tank batteries - CWU 41-18
 2. Production facilities - CWU 41-18
 3. Oil gathering lines - None
 4. Gas gathering lines - None
 5. Injection lines - None
 6. Disposal lines - None
- B. The attached diagram "B" shows the proposed production facilities that will be utilized in the event that this well produces gas. All production facilities owned and controlled by Belco will be kept on this pad.

Construction materials will be of native borrow or cut exposed on the site and will be consistent with accepted oilfield standards and good engineering practices.

A three strand barbed wire fence will be constructed and maintained in good order around any disposal pits during the drilling and completion phase of this well. When these pits are no longer needed or within 90 days, they will be covered over with native borrow material and rehabilitated to conform with the area.

Guard rails will be constructed around the wellhead to prevent access to livestock or wildlife.

Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil saved on the site. The area will be rehabilitated as per BLM specifics.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water to be used to drill this well will be hauled by truck from the White River.
- B. Water will be hauled by truck, preferred carrier Dalbo, PSC #536, on the proposed access route. See Topo Map "B" for access route. No new roads or pipelines will be needed for this purpose.
- C. No water well will be drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction of this location. No additional road gravel or additional materials are anticipated at this time.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit on the location pad.
- B. fluids will be disposed of in the reserve pit on the location pad.
- C. pad.
- D. A portable toilet will be provided for human waste during the drilling phase.
- E. Garbage and other waste materials will be contained in wire mesh cages and disposed of in an approved waste disposal facility.''

POINT 7 CONT.....

F. Immediately after the drilling rig moves off the location the remaining trash and garbage will be collected and hauled away by truck. The reserve pit will be fenced on the open side to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time.

9. WELL SITE LAYOUT

See attached Location Layout sheet which shows the following items:

- A. Cross section of the pad showing details of the cuts and fills.
- B. Location of the reserve pits, pipe racks, topsoil stockpile and excess cut stockpile.
- C. Rig orientation, parking area and access road.
- D. Pits will be lined to conserve water and will be fenced on the fourth side at the completion of operations.

10. PLANS FOR RESTORATION OF SURFACE

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be backfilled. The location will be restored to as near the original contour as feasible and then reseeded.

- A. Upon completion of the testing phase of the well, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography and stockpiled soil redistributed over the entire area. After final plugging and abandonment of the well, the entire disturbed area will be restored as recommended by the BLM.
- B. The revegetation of the drill site area and access no needed to carry on production operations will be reseeded as recommended by the BLM.
- C. All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until item "A" above is started.
- D. Any oil or condensate on any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
- E. Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun they shall be completed within 30 days.

11. OTHER INFORMATION

Topography of the general area is relatively flat rolling terrain consisting of clay and stabilized sand dunes.

Vegetation in the area consists mainly of sagebrush and native grasses.

Wildlife consists of reptiles, small rodents and birds.

Livestock grazing and mineral exploration are the only surface use activities in the area.

POINT 11 CONT....

All lands involved with this location are controlled by the BLM.

There is no water in the immediate vicinity of this location. No occupied dwellings or known archeological or cultural sites are in the area of this location.

12. LESSEE REPRESENTATIVE

Belco Development Corporation's representative for this operation will be Mr. J. C. Ball, District Engineer, P.O. Box X, Vernal, Utah 84078. Telephone contact number is 1-801-789-0790.

13. CERTIFICATION

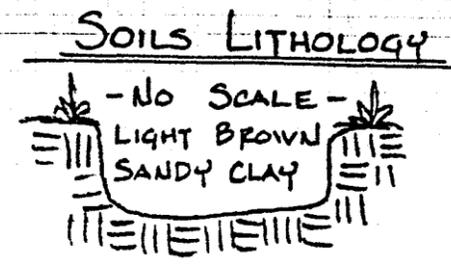
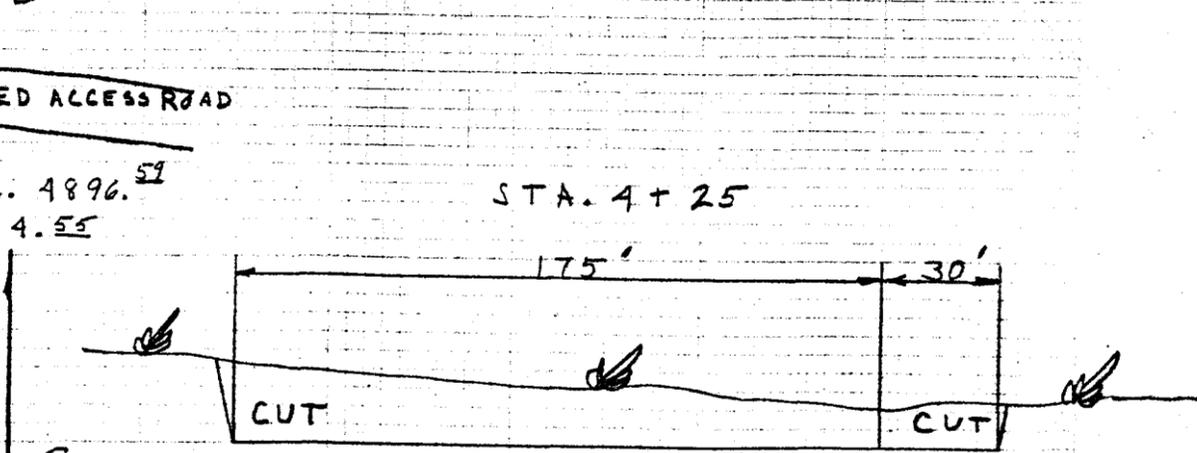
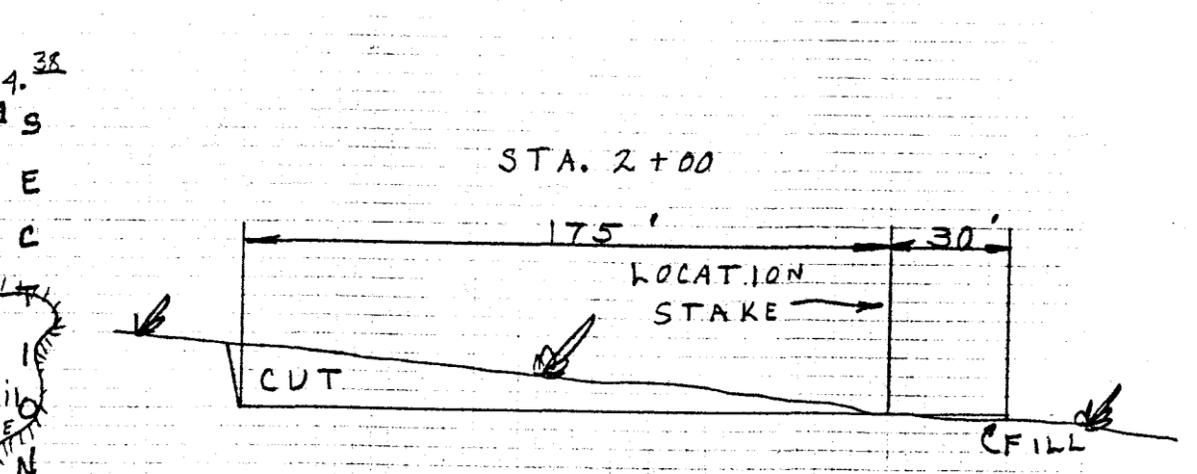
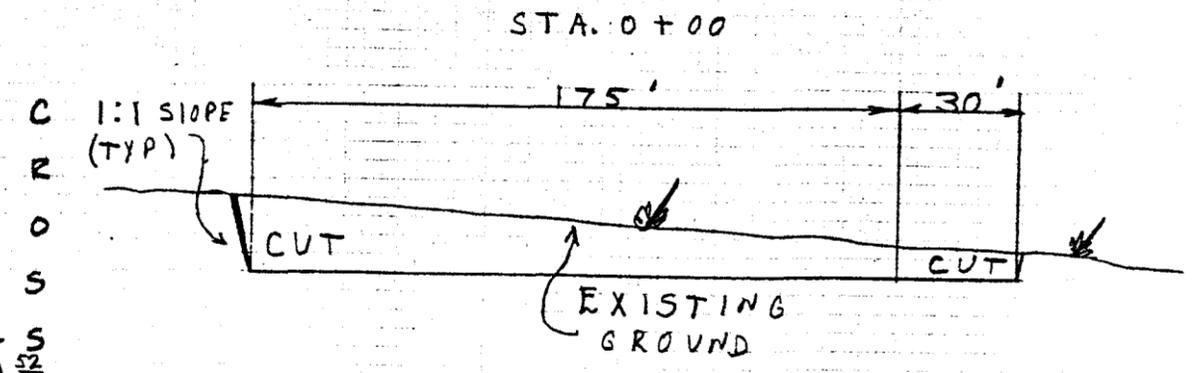
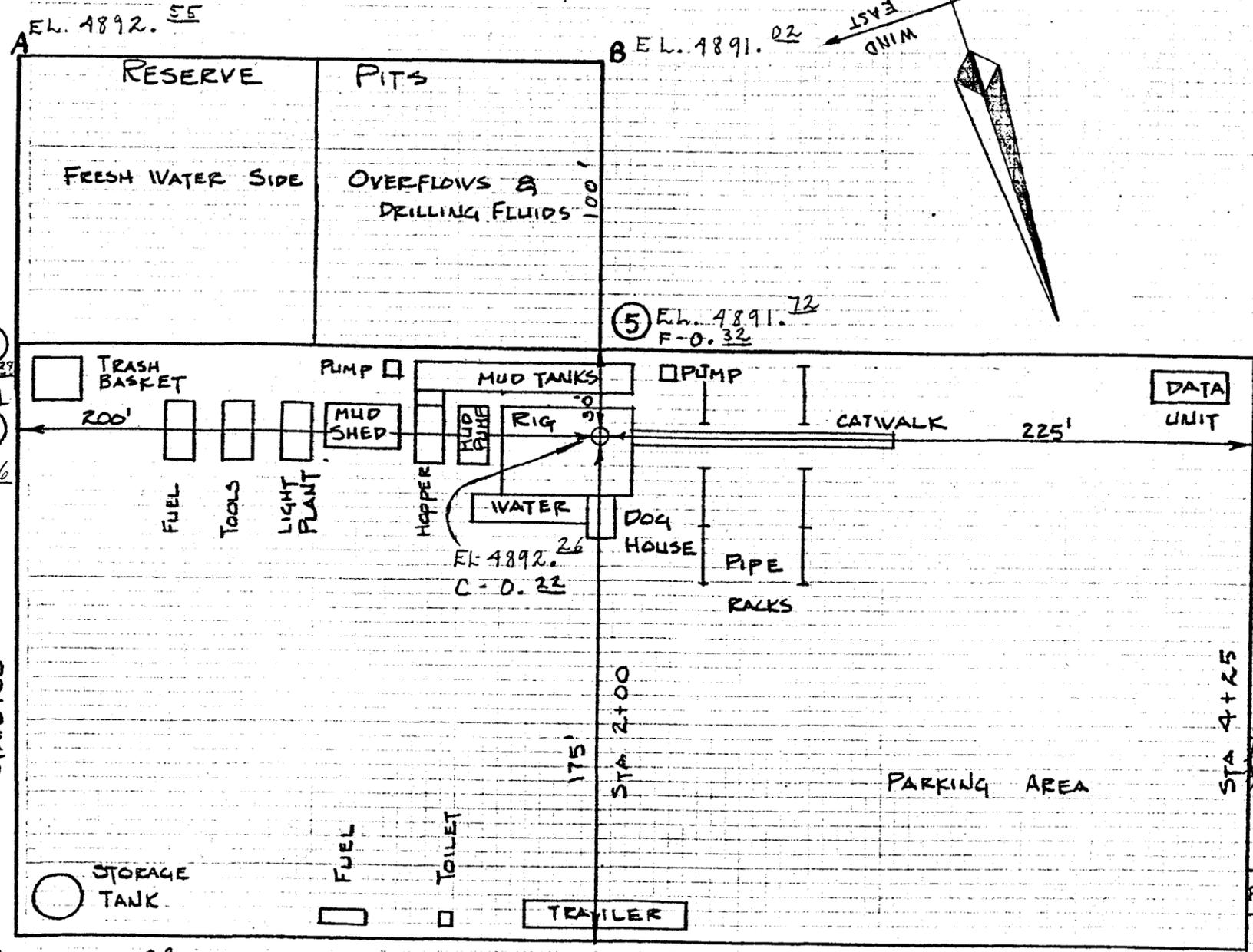
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist, that the statements made in this Plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Belco Development Corporation, it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE 1/4/82

J. C. Ball
J. C. Ball
DISTRICT ENGINEER
BELCO DEVELOPMENT CORPORATION

SCALE 1" = 50'

BEL DEVELOPMENT CORP. 12-16-81
CHAPITA WELLS # 60-18



SCALES
1" = 50'

APPROXIMATE YARDAGES

CU. YDS. CUT - 7831
CU. YDS. FILL - 23

4 4893.37
C-1.34
3 4893.96
C-1.92

2 EL. 4896.21
C-4.25

1 EL. 4895.71
C-3.67

8 EL. 4896.59
C-4.55

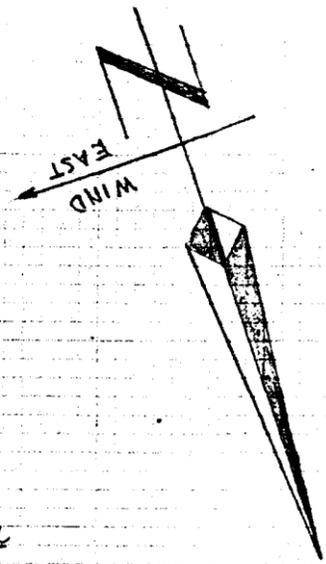
6 EL. 4891.52
C-2.48

7 EL. 4894.38
C-2.34

5 EL. 4891.72
F-0.32

A EL. 4892.55

B EL. 4891.22



BELCO DEVELOPEMENT CORP.
PROPOSED LOCATION
CHAPITA WELLS # 60-18

TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty Unimproved dirt

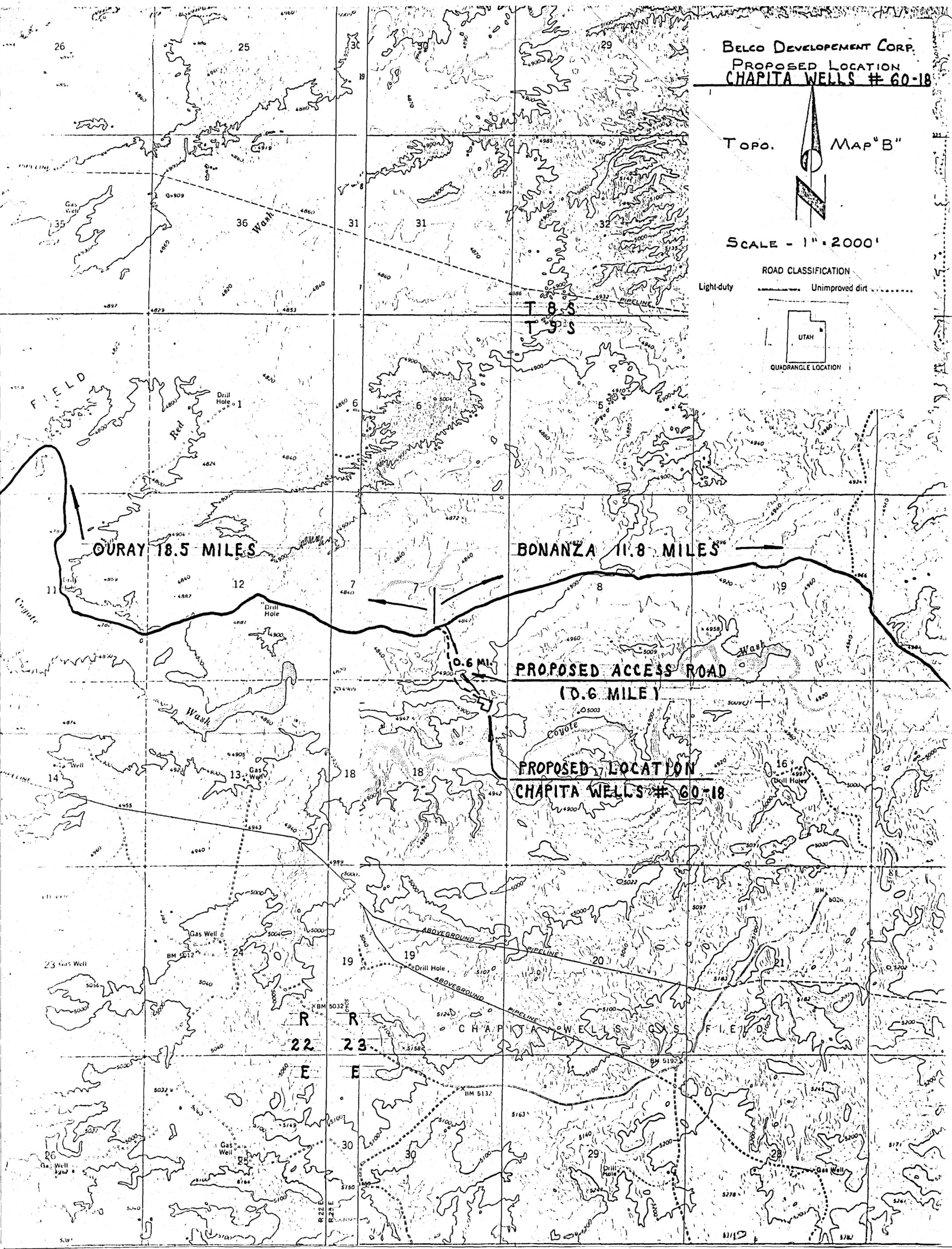
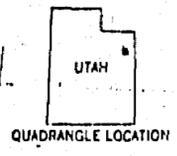


DIAGRAM "A"
BELCO DEVELOPMENT CORPORATION
PRODUCTION FACILITIES SCHEMATIC FOR GAS HOOK-UP

WELL NAME CHAPITA WELLS UNIT 60-18

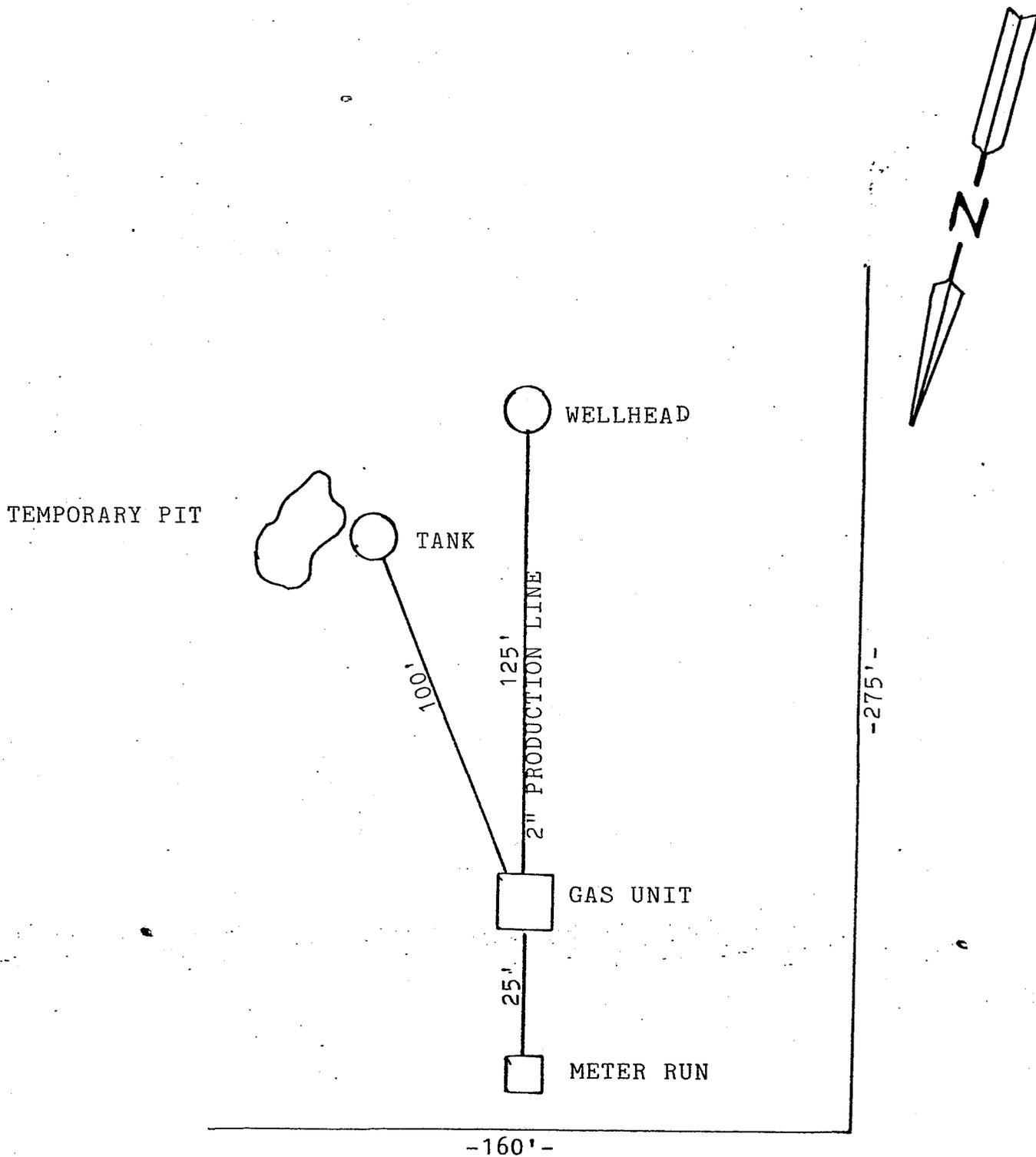
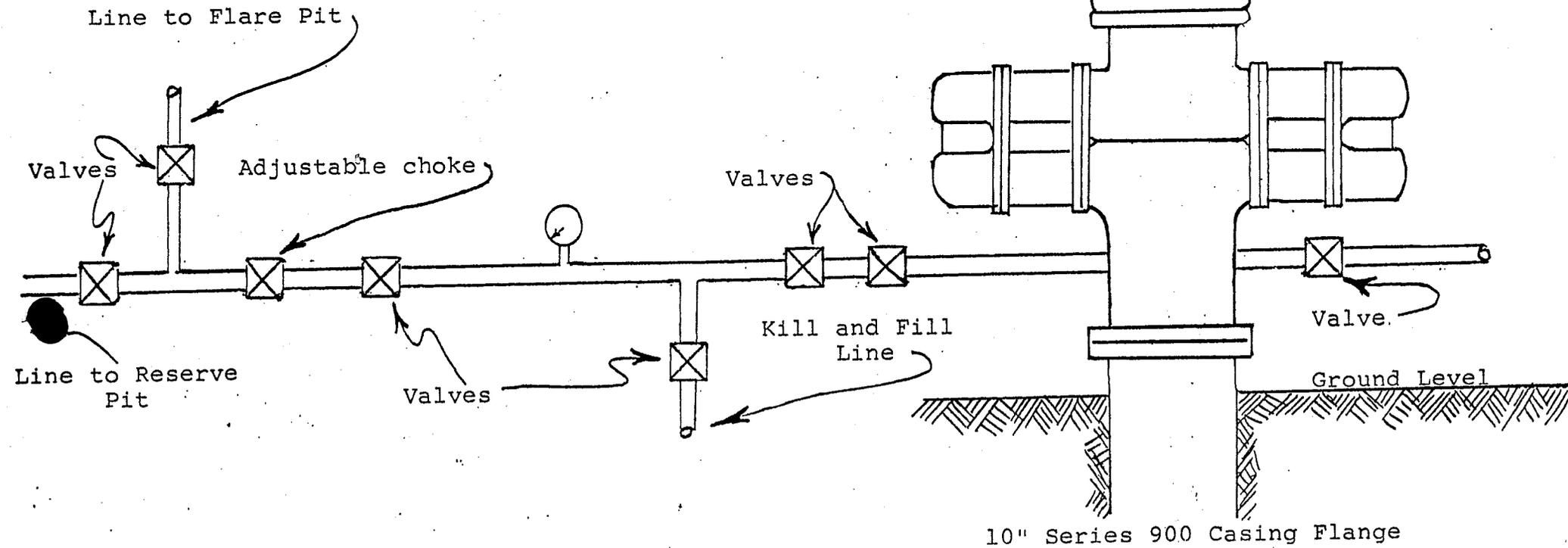


DIAGRAM "B"
BELCO PETROLEUM CORPORATION
BOP DESIGN

CHAPITA WELLS 60-18
SEC 18, T9S, R23E
UINTAH COUNTY, UTAH

DOUBLE RAM PREVENTER WITH
PIPE RAMS ON TOP, BLIND
RAMS ON BOTTOM, OR EQUIVA-
LENT



** FILE NOTATIONS **

DATE: 1-14-82

OPERATOR: Belus Development Corp

WELL NO: Cohpita Wells W-18

Location: Sec. 18 T. 9S R. 23E County: Unitah

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43 047-31159

CHECKED BY:

Petroleum Engineer: ~~Unit Well~~

Director: OK UW

Administrative Aide: Unit Well

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

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 Leas.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

January 19, 1982

Belco Development Corporation
P. O. Box X
Vernal, Utah 84078

RE: WELL NO. Chpita Wells Unit 60-18
Sec. 18, T. 9S, R. 23E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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 43-047-31159.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: USGS



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

September 15, 1982

Belco Development Corporation
P. O. Box X
Vernal, Utah 84078

Re: See attached sheet

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 to drill these locations 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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

CF/cf

Well No. Breenan Bottoms #3-14
Sec. 14, T. 7S, R. 20E.
Uintah County, Utah

Well No. Duck Creek 22-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #27-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #28-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #29-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #30-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #52-16
Sec. 16, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #34-17 GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Natural Buttes #7-19 GR
Sec. 19, T. 9S, R. 21E.
Uintah County, Utah

Well No. Natural Buttes Unit #201-20
Sec. 20, T. 9S, R. 21E.
Uintah County, Utah

Well No. Chapita Wells #220-10
Sec. 10, T. 9S, R. 22E.
Uintah County, Utah

Well No. Chapita Wells #203-16MV
Sec. 16, T. 9S, R. 22E.
Uintah County, Utah

Well No. Natural Buttes Unit #211-20
Sec. 20, T. 9S, R. 22E.
Uintah County, Utah

Well No. Chapita Wells #217-23
Sec. 23, T. 9S, R. 22E.
Uintah County, Utah

Well No. Chapita Wells #60-18
Sec. 18, T. 9S, R. 23E.
Uintah County, Utah

P.O. Box X
Vernal, Utah 84078
Telephone (801) 789-0790

Belco Development Corporation

Belco

DIVISION OF
OIL, GAS & MINING

September 21, 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

SUBJECT: See attached sheet

Attn: Ms Cari Furse - Clerk Typist

Attached is the list of wells you submitted to us with your letters of September 15, 1982 requesting current status. Some of these wells are relatively new ones which it is our intent to drill or we have already spudded and notified your office of such. I hope the notes made on the attached sheet will help you clear up these pending applications. Any further questions should be addressed to this office.

Sincerely,



Kathy Knutson
Engineering Clerk

/kk
attachments

cc: File

- ** Well No. Breenan Bottoms #3-14
Sec. 14, T. 7S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek 22-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek #27-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek #28-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek #29-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek #30-9 GR
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah
- * Well No. Duck Creek #52-16
Sec. 16, T. 9S, R. 20E.
Uintah County, Utah
- ** Well No. Duck Creek #34-17 GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah
- ** Well No. Natural Buttes #7-19 GR
Sec. 19, T. 9S, R. 21E.
Uintah County, Utah
- ** Well No. Natural Buttes Unit #201-20
Sec. 20, T. 9S, R. 21E.
Uintah County, Utah
- ** Well No. Chapita Wells #220-10
Sec. 10, T. 9S, R. 22E.
Uintah County, Utah
- ** Well No. Chapita Wells #203-16MV
Sec. 16, T. 9S, R. 22E.
Uintah County, Utah
- ** Well No. Natural Buttes Unit #211-20
Sec. 20, T. 9S, R. 22E.
Uintah County, Utah

++ Well No. Chapita Wells #217-23
Sec. 23, T. 9S, R. 22E.
Uintah County, Utah

* Well No. Chapita Wells #60-18
Sec. 18, T. 9S, R. 23E.
Uintah County, Utah

KEY

- * Permits have expired, do not intend to drill these wells.
- ** Federal Permits on these wells do not expire until after the first of 1983. Possible drilling at a later date.
- ++ This well is scheduled for drilling later this year. Your office will be notified upon spudding of this well.

Done

Oil and Gas Operations
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

September 21, 1982

Belco Development Corporation
P.O. Box X
Vernal, Utah 84078

Re: Application for Permit to Drill
Well No. 60-18
Section 18-T9S-R23E
Uintah County, Utah
Lease No. U-0337
Chapita Wells Unit

Gentlemen:

The referenced Application for Permit to Drill was received in this office on January 7, 1982.

We are returning your application unapproved, per your letter dated August 27, 1982. If you again desire to drill at this location, a new complete package must be submitted.

If you have any questions, please feel free to call.

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

bcc: SMA
State O&G ✓
State BLM
MMS-Vernal
Well File
APD Control

DH/dh