UTAH DIVISION OF OIL, GAS AND MINING

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

DATE FILED 8-14-79

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. UTAH 9613 INDIAN

DRILLING APPROVED: 8-14-79

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: Location Abandoned-Well Never Drilled ~~10-9-80~~ 10-7-80

FIELD: ~~Stagecoach~~ 3/86 Natural Buttes

UNIT:

COUNTY: Uintah

WELL NO. Stagecoach 17-25 API NO: 43-047-30606

LOCATION 1230' FT. FROM (N) ~~XX~~ LINE. 613' FT. FROM ~~XXX~~ (W) LINE. NW NW ¼-¼ SEC. 25

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
8S	21E	25	BELCO PETROLEUM CORPORATION				

FILE NOTATIONS

tered in NID File .✓.....
cation Map Pinned .....
rd Indexed ✓.....

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

COMPLETION DATA:

te Well Completed .....
.. WW..... TA.....
..... OS..... PA.....

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

LOGS FILED

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

VLC 5-12-92

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

duplicate - lem

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: BELCO PETROLEUM 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: 613' FWL & 1230' FNL (NW NW)
At proposed prod. zone: SAME

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

5. LEASE DESIGNATION AND SERIAL NO.: UTAH 9613

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE (SURFACE)

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: STAGECOACH

9. WELL NO.: 17-25

10. FIELD AND POOL, OR WILDCAT: STAGECOACH-WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 25, T8S, R21E

12. COUNTY OR PARISH: UINTAH

13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 705'

16. NO. OF ACRES IN LEASE: 1880

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: 7580'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4743' Natural GL

22. APPROX. DATE WORK WILL START*: 8/79

RECEIVED SEP 28 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12¼"	9-5/8"	36.0# K-55	200'	200 sx
7-7/8"	4½"	11.6# N-80	7580'	1000 sx

1. SURFACE FORMATION - Uinta
2. ESTIMATED LOG TOPS: Green River 2438', Wasatch 5822'.
3. Anticipate water through the Uinta, possible oil & gas shows through the Green River and gas in the Wasatch from 6822' to TD.
4. CASING DESIGN: New casing as described above.
5. MINIMUM BOP: 10" Series 900 hyd double gate BOP. Test to 1000 psi prior to drilling surface plug & on each trip for bit.
6. MUD PROGRAM: A water base gel chemical mud weighted to 10.5 ppg will be used to control the well.
7. Aux Equip: 2", 3000 psi choke manifold &kill line, kelly cock, stabbing valve and visual mud montoring.
8. TEST, LOG & CORES: Will run DIL, FDC-CNL-GR logs. No cores or DST's are anticipated.
9. No abnormal pressures or problems are anticipated.
10. Opeations will commence approx 8/79 and end approx 8/79.

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 Megan E. Peach TITLE ENGINEERING TECHNICIAN DATE 7/16/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY W P Martens TITLE ACTING DISTRICT ENGINEER DATE SEP 26 1979

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

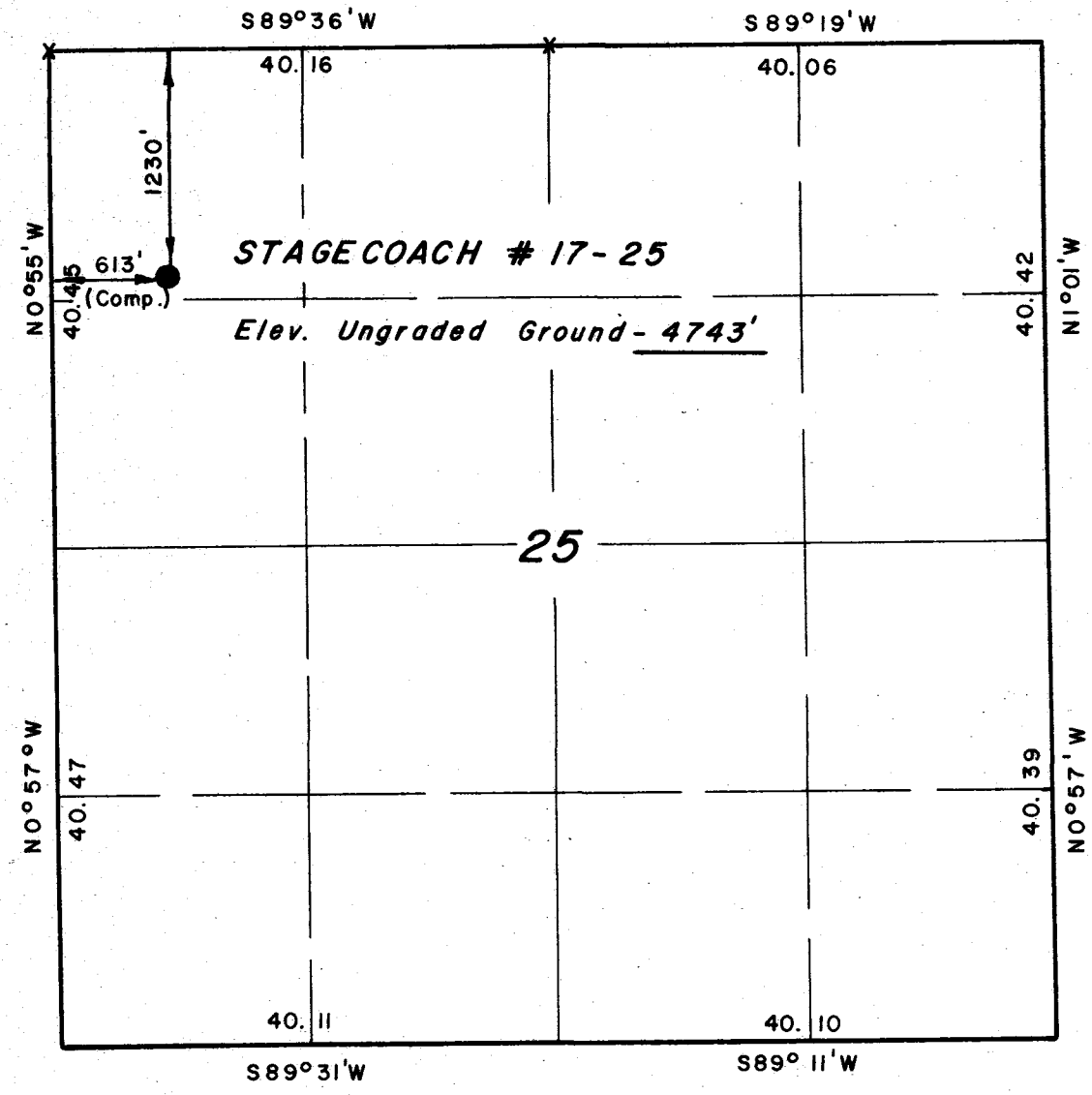
State O+G

PROJECT

BELCO PETROLEUM CORP.

Well location, *STAGECOACH # 17-25* located as shown in the NW 1/4 NW 1/4 Section 25, T8S, R21E, S.L.B.&M. Uintah County, Utah.

T 8 S, R 21 E, S.L.B.&M.



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.

Dave Stewart

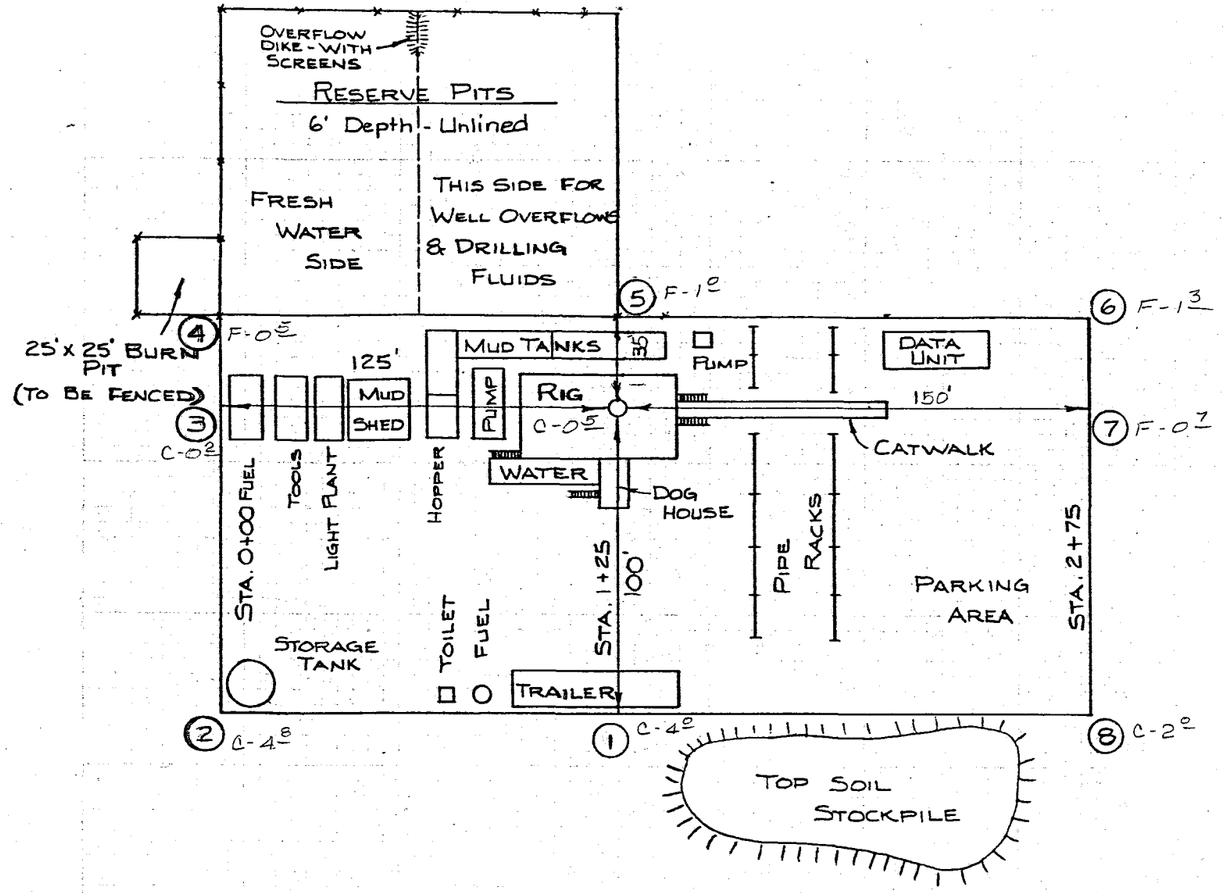
REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

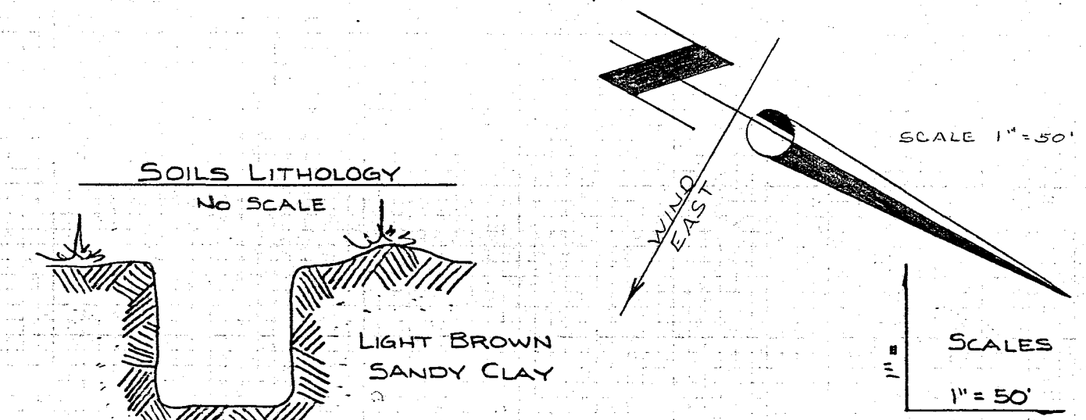
UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q ~ 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7 / 10 / 79
PARTY D.A. J.K. S.B.	REFERENCES GLO Plat
WEATHER Clear & Hot	FILE BELCO PETRO.

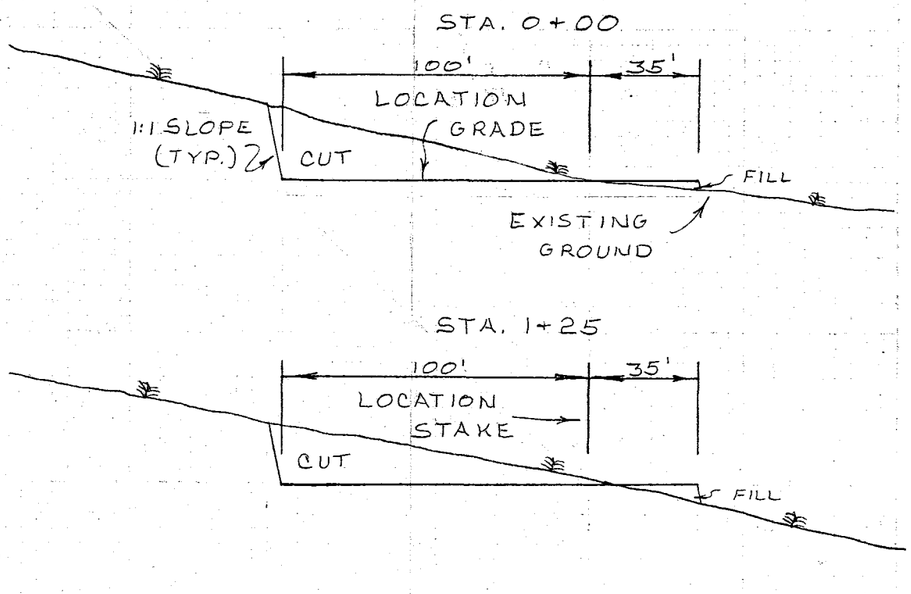
BELCO PETROLEUM CORP.

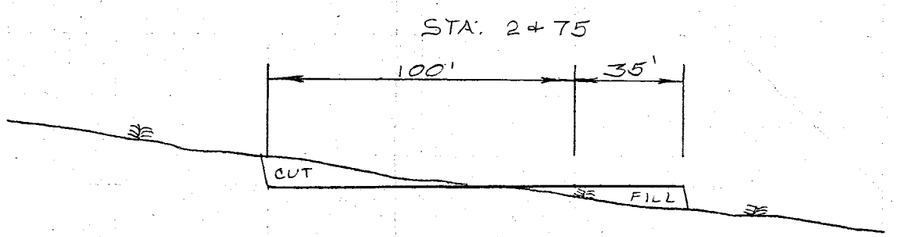
STAGECOACH # 17-25
LOCATION LAYOUT SHEET





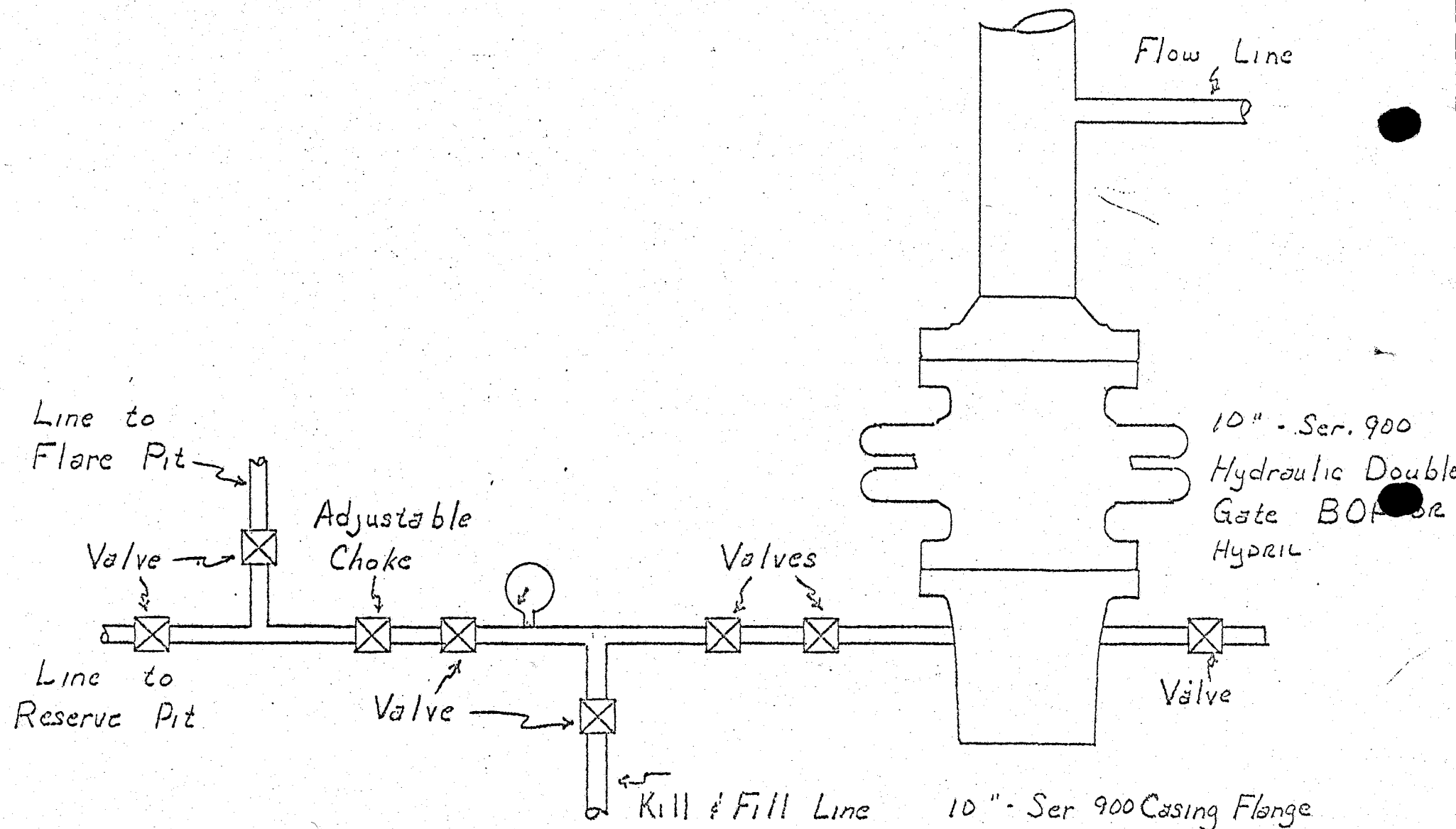
CROSS-SECTIONS

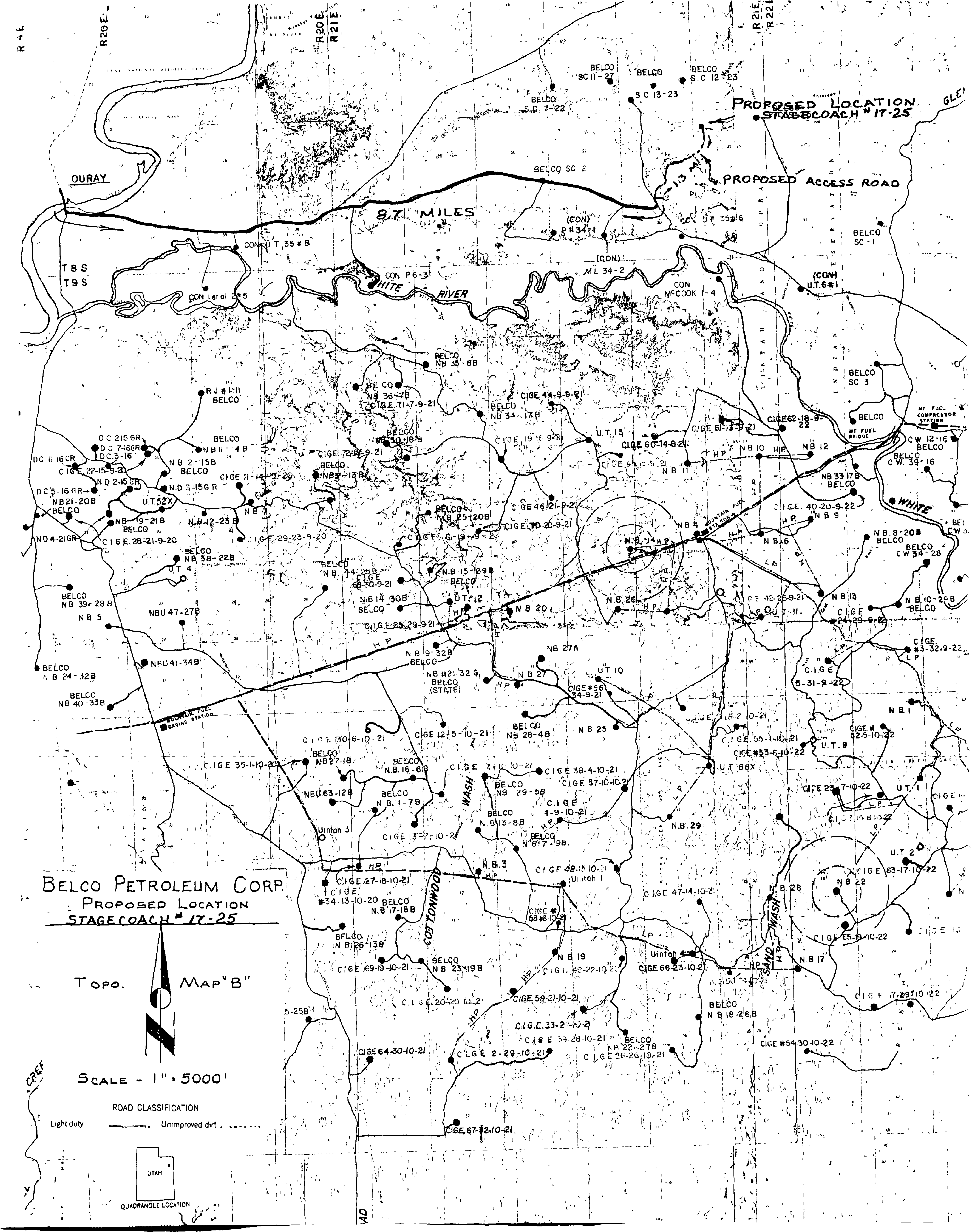




APPROX. YARDAGES

CUT	2,038	CU YDS.
FILL	196	CU. YDS.


Flow Line
Line to Flare Pit
Adjustable Choke
Valve
Valves
10" - Ser. 900 Hydraulic Double Gate BOP
Hydril
Line to Reserve Pit
Valve
Valve
Kill & Fill Line
10" - Ser 900 Casing Flange



BELCO PETROLEUM CORP.
PROPOSED LOCATION
STAGECOACH # 17-25
TOPO. MAP "B"
SCALE - 1" = 5000'
ROAD CLASSIFICATION
Light duty
Unimproved dirt
UTAH
QUADRANGLE LOCATION
PROPOSED LOCATION STAGECOACH # 17-25
PROPOSED ACCESS ROAD
1.3 MI
8.7 MILES
OURAY
WHITE RIVER
T8S
T9S
R20E
R21E
R22E
R4E
COTTONWOOD
WASH
SAND WASH
MT FUEL COMPRESSOR STATION
MT FUEL BRIDGE
MOUNTAIN FUEL GAGING STATION
MOUNTAIN FUEL STATION
BELCO SC 11-27
BELCO S.C 12-23
BELCO
SC 13-23
BELCO S.C. 7-22
BELCO SC 2
(CON) P #34-1
(CON) ML 34-2
CON U T 35 #8
CON P 6-3
CON 1 et al 2 #5
CON McCOOK 1-4
(CON) U.T.6 #1
BELCO SC-1
BELCO SC 3
BELCO NB 35-8B
BELCO NB 36-7B
CIGE 71-7-9-21
RJ # 1-11 BELCO
BELCO NB 34-17B
CIGE 44-9-9-21
BELCO NB 30-18B
CIGE 72-18-9-21
BELCO NB 3-13B
DC 215 GR
DC 7-16GR
DC 3-16
DC 6-16CR
CIGE 22-15-9-20
ND 2-15GR
DC 5-16 GR
NB 21-20B BELCO
ND 4-21 GR
NB 19-21B BELCO
CIGE 28-21-9-20
U.T.52X
BELCO NB 11-14B
NB 2-15B BELCO
N.D 3-15 GR
CIGE 11-14-9-20
NB 7
N.B 12-23B
CIGE 29-23-9-20
BELCO NB 38-22B
UT 4
BELCO NB 39-28B
NB 5
NBU 47-27B
NBU 41-34B
BELCO NB 24-32B
BELCO NB 40-33B
BELCO N.B. 44-25B
CIGE 68-30-9-21
NB 14 30B BELCO
CIGE 85-29-9-21
UT 12
BELCO N.B 25-120B
CIGE 6-19-9-2
N.B 15-29B BELCO
CIGE 19-16-9-21
CIGE 46-21-9-21
CIGE 70-20-9-21
U.T. 13
CIGE 60-14-9-21
CIGE 61-13-9-21
CIGE 62-18-9-22
NB 10
NB 11
NB 12
NB 4
N.B. 14
NB 6
NB 9
N.B. 26
NB 20
NB 13
CIGE 42-26-9-21
UT 11
NB 33 17B BELCO
CIGE. 40-20-9-22
N B. 8-20B BELCO
BELCO CW 34-28
CW 12-16 BELCO
BELCO C.W. 39-16
N B 10-29B BELCO
CIGE #24-29-9-22
CIGE. #3-32-9-22
CIGE 5-31-9-22
NB 1
CIGE # 52-5-10-22
U.T. 9
CIGE #53-6-10-22
CIGE 55-1-10-21
CIGE 18-2-10-21
NB 9-32B BELCO
NB #21-32 G BELCO (STATE)
NB 27A
N.B 27
UT 10
CIGE #56 34-9-21
BELCO NB 28-4B
NB 25
CIGE 12-5-10-21
CIGE 30-6-10-21
C.I.G.E 35-1-10-20
BELCO NB 27-18
BELCO N.B. 16-6B
NBU 63-12B
BELCO N.B. 1-7B
Uintah 3
CIGE 13-7-10-21
CIGE 7-8-10-21
CIGE 38-4-10-21
CIGE 57-10-10-21
BELCO NB 29-5B
C.I.G.E 4-9-10-21
BELCO N.B 13-8B
BELCO N.B 7-9B
U.T 88X
N.B. 29
N.B. 3
CIGE 48-15-10-21
Uintah 1
CIGE 27-18-10-21
CIGE #34-13-10-20
BELCO N.B 17-18B
CIGE # 58-16-10-21
CIGE 47-14-10-21
BELCO N B 26-13B
CIGE 69-19-10-21
BELCO NB 23-19B
C.I.G.E 20-20-10-21
NB 19
CIGE 49-22-10-21
Uintah 4
CIGE 66-23-10-21
CIGE 50-14-10-21
CIGE 59-21-10-21
CIGE 33-27-10-21
BELCO NB 18-26B
CIGE 59-28-10-21
BELCO NB 22-27B
CIGE 26-26-10-21
CIGE 2-29-10-21
CIGE 64-30-10-21
CIGE 67-32-10-21
5-25B
CIGE 23-7-10-22
U.T. 1
CIGE 15-8-10-22
U.T 2
CIGE 63-17-10-22
NB 22
N.B. 28
CIGE 65-19-10-22
N.B 17
CIGE 7-29-10-22
CIGE #54-30-10-22
HP
LP

M: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

JECT: APD MINERAL EVALUATION REPORT LEASE NO. U-9613

RATOR: Belco Petroleum Corporation WELL NO. 17-25

ATION: ¼ NW¼ NW¼ sec. 25, T. 8S, R. 21E, SLM

Uintah County, Utah

Stratigraphy:

		Datum
Surface - Uinta		
Green River	2438'	+2305
Wasatch	5822'	-1079

Fresh Water: Fresh water may occur in the Uinta. Any water encountered in the Green River or Wasatch will probably be saline.

Leasable Minerals: Land is withdrawn for oil shale (EO 5327). The Oil Shale zone is the Mahogany bed at a depth of 3000'±.

Additional Logs Needed: None

Potential Geologic Hazards: Possible lost circulation in the leached zone below the Mahogany bed. Depth ~ 3100'.

References and Remarks:

USGS files, SLC 2 miles E of Red Wash, KGS.

Signature: Paul M. Hm Date: 8-6-79

Oil and Gas Drilling EA No. 481-79

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-9613

Operator Belco Petroleum Well No. 17-25

Location 613' FWL & 1230' FNL Sec. 25 T. 9S R. 21E

County Uintah State Utah Field Stagecoach-Wasatch

Status: Surface Ownership Tribal Minerals Federal

Joint Field Inspection Date August 15, 1979

Participants and Organizations:

Craig M. Hansen	U.S.G.S. - Vernal
Dale Hanburg	BIA - Ft. Duchesne
Rich Schatz	Belco Petroleum
Bud Pease	Pease Construction

Related Environmental Analyses and References:

(1)

(2)

Pad 135 x 275
Pit 125 x 100
1 3/10 mi new access
Flow line not [illegible]
[illegible]
9c
Pg 6
[illegible]
3) A-13

Analysis Prepared by:
Craig Hansen
Environmental Scientist
Vernal, Utah

Reviewed by:
George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: August 15, 1979

On 7-18-79, Belco Petroleum filed an Application for Permit to Drill the No. 17-25 developmental well, a 7580-foot gas test of the Wasatch Formation; located at an elevation of 4743 feet in the NW/4 NW/4 Sec. 25, T8S, R21E on Federal mineral lands and tribal surface; Lease No. U-9613. There was no objection rasied to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BIA-Ft. Duchesne, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 135 ft. wide x 275 ft. long and a reserve pit 125 ft x 100 ft. A new access road would be constructed 18 ft. wide x 1.3 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agency for approval. The starting date is 8/79 and duration of drilling activties would be about 30 days.

Location and Natural Setting:

The proposed drill site is approximately 10 miles East of Ouray, Utah, the nearest town. A fair road runs to within 1.3 miles of the location. This well is in the Stagecoach - Wasatch field.

Topography:

The location is a flat area at the bottom of a weathered sandstone and shale bluff of the Uintah Formation.

Geology:

The surface geology is Uintah formation, tertiary in age. The soil is sandy to sandy clay with small amounts of mixed gravels. No geologic hazards are known near the drillsite. Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the BIA - Ft. Duchesne.

Approximately 4.0 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occuring predominately from West to East. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains southeast by non pernnial drainage to the White River which flows to the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Wild daisy, Greasewood, Tumbleweeds, Cactus and small amounts of Indian rice grass exist on location. Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 4.0 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominantly of mule deer, antelope, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

A. The road will have enough crown and fill to accommodate traffic during winter period.

B. A berm would be required aroung the north and west end of the pad to reduce erosion from drill pad.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 4.0 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and

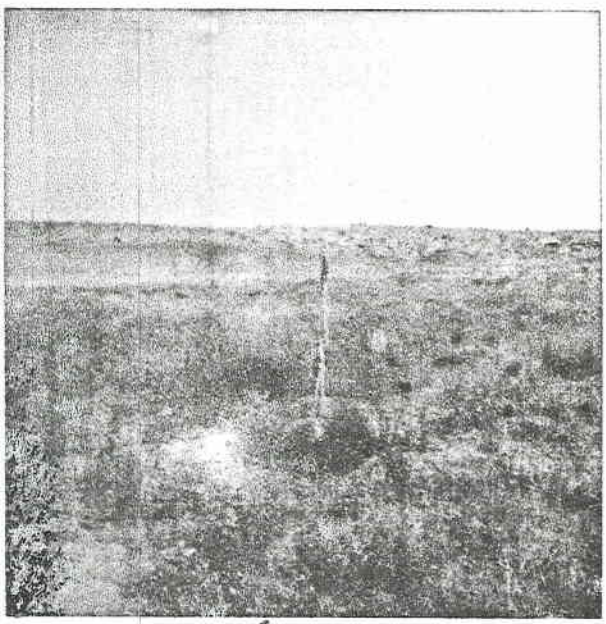
water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the White River would exist through leaks and spills.

Determination:

This requested action ~~does~~/does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

9/19/79
Date

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

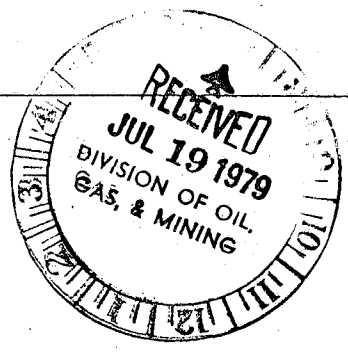


Belco
17-25
Looking north.

P.O. Box 250
Big Piney, Wyoming 83113
Telephone (307) 276-3331

Belco Petroleum Corporation

Belco



July 16, 1979

Mr. Edgar W. Guynn, District Engineer
United States Geological Survye
8440 Federal Building
Salt Lake City, Utah 84138

RE: Applications for Permit to Drill

Dear Mr. Guynn:

Attached are Applications for Permit to Drill, Survey Plats, BOP diagrams and Surface Use and Operating Plans for the following Stagecoach locations:

STAGECOACH 15-27
SE¼, Section 27, T8S, R21E
Uintah County, Utah

STAGECOACH 16-26
NW¼, Section 26, T8S, R21E
Uintah County, Utah

STAGECOACH 17-25
NW NW Section 25, T8S, R21E
Uintah County, Utah

Very truly yours,

BELCO DEVELOPMENT CORPORATION

ORIGINAL SIGNED BY
LEO R. SCHUELER

Leo R. Schueler
District Manager

MEP/rgt

Attachments
cc: Utah Division of Oil, Gas & Mining
Gulf Oil Company, Mr. J. D. Richards
Houston
Denver
Vernal
File

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: July 19, 1979

Operator: Belco Petroleum Corporation

Well No: Stagecoach ~~Unit~~ 17-25

Location: Sec. 25 T. 8S R. 21E County: Uintah

File Prepared: /√/ Entered on N.I.D.: /√/

Card Indexed: /√/ Completion Sheet: /√/

√API Number: 43-047-30606

CHECKED BY:

Administrative Assistant: Unorthodox Location
Remarks: Sent 7/23/79 Bonnie

Petroleum Engineer: _____

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: /___/ Survey Plat Required: /___/

#2 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:

/✓/ Letter Written/Approved

Utm

July 23, 1979

Celco Petroleum Corporation
PO Box "K"
Vernal, Utah 84078

Re: Well No. Stagecoach 15-27, Sec. 27, T. 8 S, R. 21 E, Uintah County, Utah
Well No. Stagecoach 16-26, Sec. 26, T. 8 S, R. 21 E, Uintah County, Utah
Well No. Stagecoach 17-25, Sec. 25, T. 8 S, R. 21 E, Uintah County, Utah

The State of Utah, General Rules and Regulations, and Rules of Practice and Procedure, amended March 22, 1978, Rule C-3, "General Well Spacing Requirements" reads as follows:

(a) The spacing of wells in pools for which drilling units have been established shall be governed by special rules for that particular pool.

(b) All wells drilled for oil and/or gas which are not within an area covered by a special area spacing rule or which are not within a pool for which drilling units have been established, shall be located not less then 500 feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots of comparable size and location and not less than 1000 feet from any oil well, or 4960 feet from any gas well, unless otherwise specifically permitted by order of the Commission after notice and hearing, unless an exception is granted by the Commission pursuant to Rule C-3(c).

(c) The Commission may grant an exception to the requirements of (b) above as to the situs of a particular well location, without notice and hearing, where an application has been filed in due form and;

(1) The necessity for an unorthodox location is based on topographical, and/or geological conditions, and;

(2) The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location, or all owners of oil and gas leases within such radius consent in writing to the proposed location.

(d) Whenever an exception is granted, the Commission may take such action as will offset any advantage which the person securing the exception may obtain over other producers by reason of the unorthodox location.

(e) The spacing requirements of this rule shall not apply in cases where, in the opinion of the Commission, engineering practices have proven otherwise.

Your locations appear to be unorthodox well locations and if they cannot be relocated to comply with Rule C-3(b) please submit an application for exception for each as outlined above in Rule C-3(c).

You are also requested to furnish substantial information and data to support your application for each excepted location. This may be in the form of a statement as to why these wells cannot be located on general spacing and must be placed at the proposed locations; they may include charts, maps, letters or other data which will provide this Division with sufficient information on which to base a decision.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

MTM:bbs

cc

August 14, 1979

Belco Petroleum Corporation
PO Box 250
Big Piney, Wyoming 83113

Re: Well No. Stagecoach 15-27, Sec. 27, T. 8 S, R. 21 E, Uintah County, Utah
Well No. Stagecoach 16-26, Sec. 26, T. 8 S, R. 21 E, Uintah County, Utah
Well No. Stagecoach 17-25, Sec. 25, T. 8 S, R. 21 E, Uintah County, Utah

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

Should you determine that it will be necessary to plug and abandon any of these wells, you are hereby requested to immediately notify the following:

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) 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 numbers assigned to these wells are:
15-27 #43-047-30604
16-26 #43-047-30605
17-25 #43-047-30606

Sincerely,

Frank M. Hamner
Petroleum Engineer

/btm
cc

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

March 3, 1980

Belco Petroleum Corp.
P.O. Box X
Vernal, Utah 84078

Re: See enclosed sheet for wells

Gentlemen:

In reference to 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 we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application. If you plan on drilling these wells 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

Janice Tabish

JANICE TABISH
CLERK TYPIST

(1) Well No.Stagecoach 17-25
Sec. 25, T. 8S, R. 21E.
Uintah County, Utah

(2) Well No.Stagecoach 16-26
Sec. 26, T. 8S, R. 21 E.
Uintah County, Utah

(3) Well No. Natural Buttes
Sec. 25, T. 10S, R. 21E.
Uintah County, Utah

October 3, 1980

Belco Petroleum Corporation
P.O. Box X'
Vernal, Utah 84078

RE: Well No. Chapita Well 1-4, Sec. 4, T. 9S, R. 22E, Uintah County.,
RE: Well No. Natural Duck #14-15Gr, Sec. 14, T. 9S, R. 20E, Uintah County.,
RE: WEll No. Natural Duck #7-15GR, Sec. 15, T. 9S, R. 20E, Uintah County.,
RE: Well No. Stagecoach 17-25, Sec. 25, T. 9S, R. 21E, Uintah County.,
RE: Well No. Stagecoach 20-7, SEE. 7, T. 9S, R. 22E, Uintah County.,
RE: Well No. Stagecoach 21-8, Sec. 8, T. 9S, R. 22E, Uintah County.,

Gentlemen:

In reference to 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 we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application. If you plan on drilling 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

BARBARA HILL
CLERK TYPIST

/bjh

NBU 9-32GR	Pumped 3 BO, 10 BW in 24 hrs, 80% WC, TP-30, CP-10, 8 X 64 SPMXL, no gas vented
NBU 28-4B	Flowed 30 MCF in 24 hrs, 48/64 choke, TP-750, CP-750, 625 Back PSI
NBU 54-2B	Flowed 876 MCF in 24 hrs, 10/64 choke, TP-2100, CP-2100, O BC, O BW
NBU 39-28B	SI TP-700, CP-1000, SI 24 hrs
NBU 47-27B	Open to pit, TP-O, CP-1450, open to pit 192 hrs
NBS 1-32G	SI TP-2130, CP-pkr, SI 72 hrs
NBU 41-34B	SI TP-1100, CP-1640, SI 120 hrs
EGNAR #1	1400 MCF, O BC, TP-700, LP-590, 68°

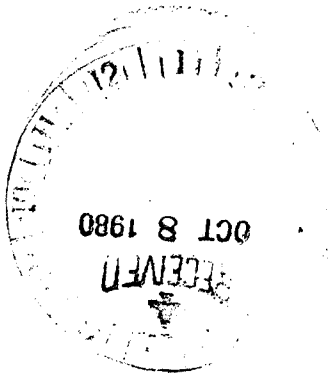
LOCATION STATUS

NBU 48-29B	WOCU
STGU 18-17	WOCU
CWU 43-11	WOCU
CWU 46-30	WOCU
CWU 42-13	Location built, surface set
CWU 48-19	Location built
DUCK CREEK 4-17	Location built
8-16GR	Location built
9-16GR	Location built
10-16GR	Location built
11-16GR	Location built
12-9GR	Approved
13-17GR	Approved
14-16GR	Building location
15-16GR	WO USGS approval, NID sent 12-13-79, inspected 2-11-80
16-16GR	Approved
17-16GR	WO USGS approvel, NID sent 12-13-79
18-16GR	WO USGS approval, NID sent 12-13-79
19-16GR	WO USGS approval, NID sent 12-13-79, inspected 2-11-80
20-9GR	WO USGS approval, NID sent 12-13-79, inspected 2-12-80
21-9GR	WO USGS approval, NID sent 12-13-79, inspected 2-12-80
NATURAL DUCK 5-15GR	Approved
6-15GR	WO USGS approval, NID sent 12-11-79, inspected 2-11-80
7-15GR	WO USGS approval, NID sent 12-11-79, inspected 1-7-80
8-15GR	WO USGS approval, NID sent 3-4-80
9-15GR	WO USGS approval, NID sent 3-4-80
14-15GR	Approved
STAGECOACH 16-26	Location built
17-25	Approved
19-33	WO USGS approval, NID sent 12-17-79, inspected 2-12-80
20-7	WO USGS approval, NID sent 12-17-79
21-8	WO USGS approval, NID sent 12-17-79, inspected 2-12-80
CWU FED 1-4	WO USGS approval, NID sent 12-17-79, inspected 2-12-80
1-5	WO USGS approval, NID sent 12-17-79, inspected 2-12-80

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

Belco Petroleum Corporation

Belco



October 7, 1980

Ms. Barbara Hill
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: Chapita Wells Federal 1-4
Natural Duck 7-15GR
Natural Duck 14-15GR
Stagecoach 17-25
Stagecoach 20-7
Stagecoach 21-8
Uintah County, Utah

Dear Ms. Hill;

In response to your letter dated October 3, 1980, concerning the subject wells, Belco Petroleum Corporation does intend to drill these wells.

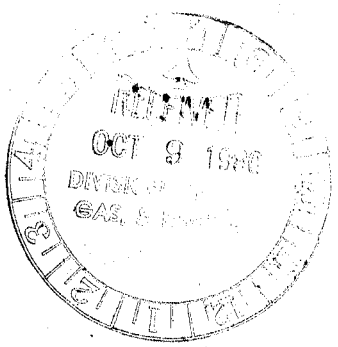
Belco did not receive USGS approval to drill the Stagecoach wells #20-7 and #21-8 until June 6, 1980, six months after we had received State of Utah approval, USGS approval for Chapita Wells Federal 1-4 was received April 9, 1980, and USGS approval to drill Natural Duck 7-15GR was granted March 20, 1980. We would request the State to extend their approval of these wells to these dates also.

We realize that the approved APD's for Natural Duck 14-15GR and for the Stagecoach 17-25 are somewhat older, but Belco does intend to drill them and requests that the approvals not be terminated.

Very truly yours,
BELCO PETROLEUM CORPORATION

Lonnie Nelson
Engineering Clerk

LN/lk
xc: file (7)



Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

October 7, 1980

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

Re: Returned Application for Permit to Drill
Well No. 16-26
Section 26, T.8S, R.21E
Uintah County, Utah
Lease No. U-9613
Application Approved: September 26, 1979

Location Abandoned

Well No. 17-25
Section 25, T.8S, R.21E
Uintah County, Utah
Lease No. U-9613
Application Approved: September 26, 1979

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved as indicated. Since that date no known activity has transpired at the approved locations. Under current District policy (Conditions of Approval Item No. 10), Application's for Permit to Drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced applications without prejudice. If you intend to drill at these locations on a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of these wells is to be rehabilitated. A schedule for this rehabilitation must, then, be submitted. Your cooperation in this matter is appreciated.

Sincerely yours,

(Orig. Sgd.) R. A. Henricks
for E. W. Guynn
District Oil and Gas Supervisor

bcc: ADCM, O&G, CR, Denver
BIA
Utah State O&G
Utah State BLM
USGS Vernal Well File (2) APD Control RAH