

FILE NOTATIONS

Entered in NID File
Location Map Pinned
and Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 11-5-75 PAA

Location Inspected

✓
..... WW..... TA.....
..... OS..... PA. ✓

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

..... I..... Dual I Lat..... GR-N..... Micro.....

MC Sonic GR..... Lat..... MI-L..... Sonic.....

Log..... CCLog..... Others.....

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
 Sheli Oil Company

3. ADDRESS OF OPERATOR
 1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 1386' FWL & 615' FSL Section 12
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 12+ miles west & 3+ miles north of Altamont

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 615'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. no other wells on lease

19. PROPOSED DEPTH 13,000

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6755' Ungr. Ground

22. APPROX. DATE WORK WILL START*
 7-15-75

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-2771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ute

9. WELL NO.
 1-12A6

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SE/4 SW/4 Section 12-T1S-R6W

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5#	150'	To surface
12-1/4"	9-5/8"	36#	4500'	Btm 1500' + 600 cu ft bullhead
8-5/8"	-	-	-	

Attachments:

1. Survey Plat
2. 12 Pt Land Use Plan
3. Location Layout Plats
4. Topo Map
5. Oil Spill Prevention Plan
6. BOPE Drawing
7. Csg, Cementing & Mud Program

Rule C-3(c)

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. W. Kimmel TITLE Div. Operations Engr. DATE 5/28/75

(This space for Federal or State office use)

PERMIT NO. 13-013-30384 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil & Gas Conservation Commission - Salt Lake City

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

*Allen
Freight / w/ lease of*

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

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 Shell Oil Company

3. ADDRESS OF OPERATOR
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 1-12A6

10. FIELD AND POOL, OR WILDCAT
 Wildcat

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24. SIGNED J. W. Kimmel TITLE Div. Operations Engr. DATE 5/28/75

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY E. W. [Signature] TITLE DISTRICT ENGINEER DATE JUN 14 1975

CONDITIONS OF APPROVAL, IF ANY:

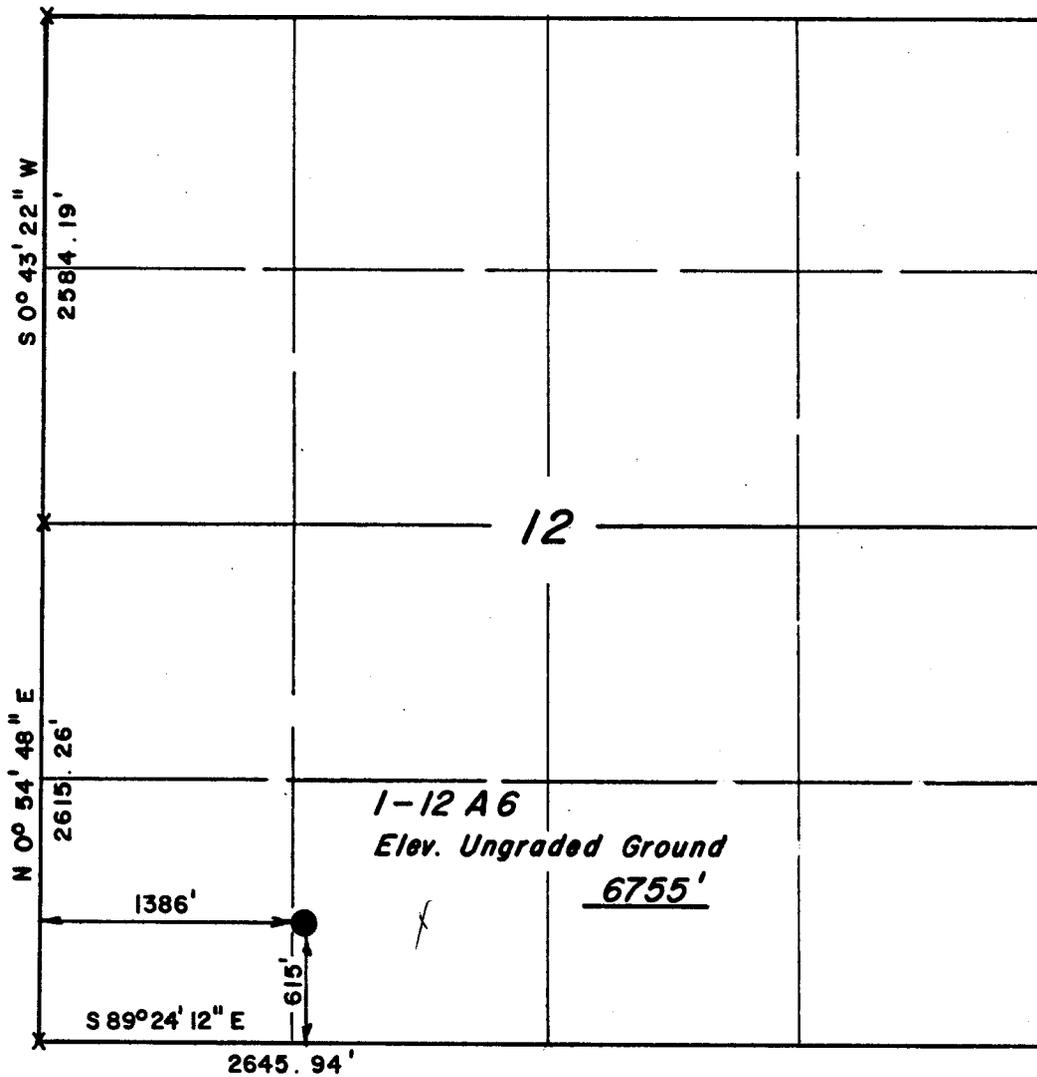
cc: Utah Oil & Gas Conservation Commission - Salt Lake City

Approval notice to: State Oil & Gas w/attach (Shell Oil Co ltr dtd 6/4/75 cy) *See Instructions On Reverse Side

T 1 S, R 6 W, U.S.B.&M.

PROJECT
SHELL OIL COMPANY

Well location, 1-12 A6, located
as shown in the SE 1/4 SW 1/4,
Section 12, T 1 S, R 6 W, U.S.B.&M.
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

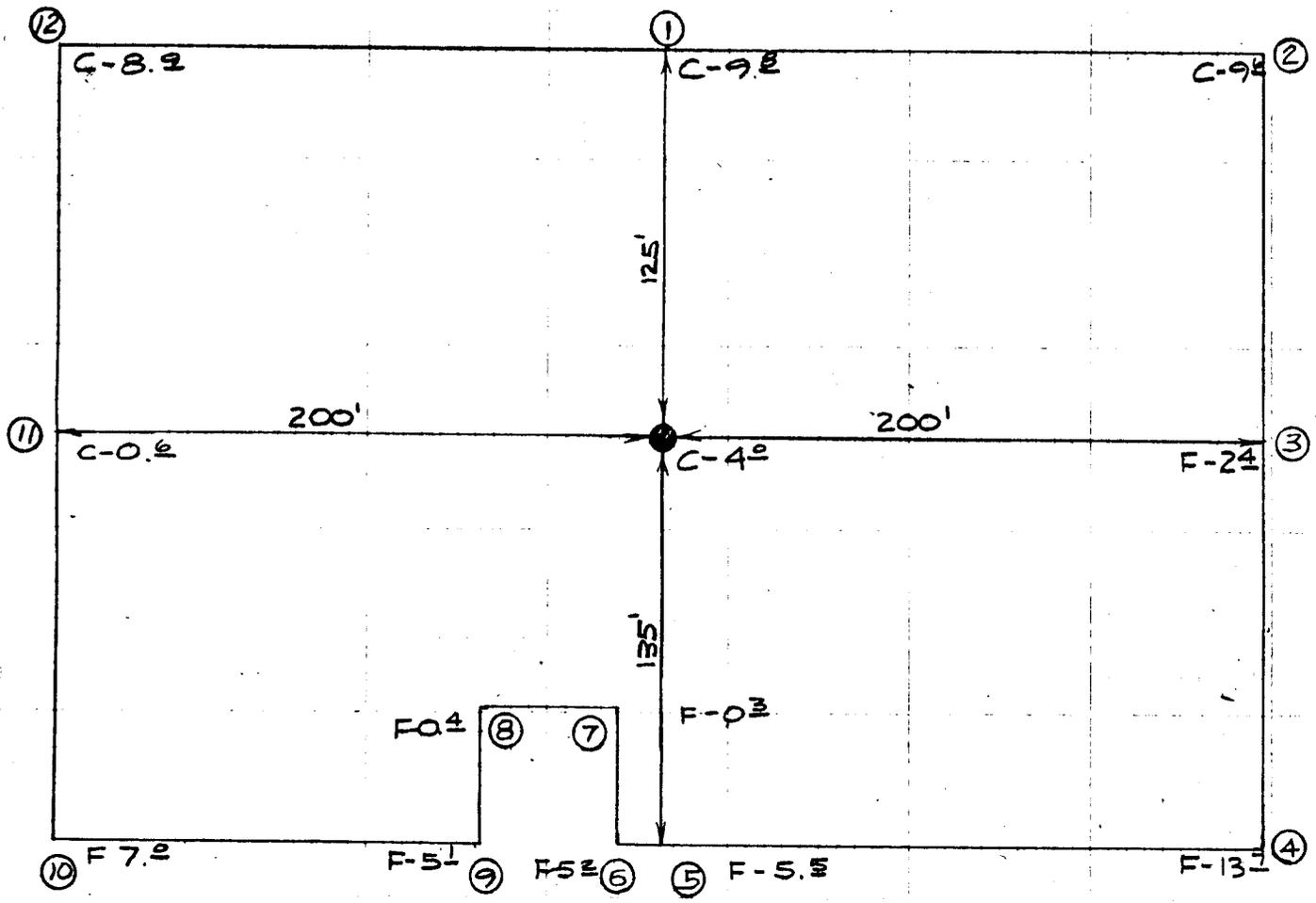
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson J. ...
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 5/19/75
PARTY M.S. D.A. D.G. K.W.	REFERENCES GLO Plat
WEATHER Warm	FILE SHELL OIL CO.

D.W.H. G.K.
B.P. J.



SHELL OIL Co.

1-12 A 6



ELEVATIONS

Elev. Graded Ground = 6750.90
 Elev. Ref. Pt. 250' S = 6752.16
 Elev. Ref. Pt. 300' N = 6752.03

OIL SPILL PREVENTION PLAN

ALTAMONT FIELD

Protection of the environment by active spill prevention planning is an important part of Shell's drilling and producing operations. The following plan provides guidelines for proper equipment design, surveillance of facilities, safety awareness and training necessary for oil spill prevention in the Altamont Field.

1. FACILITIES DESIGN

- A. All oil processing and storage facilities shall be designed in accordance with API, ASME, OSHA and National Electric Code Standards as applicable, and the Western Region Safety Standards for Producing Operations.
- B. All fire-tubes on gas fired vessels and tanks shall be equipped with flame arrestors.
- C. Safety scrubbers shall be installed upstream of all gas burning equipment.
- D. Pressure vessel relief and drain lines shall be piped to an emergency pit or tank.
- E. Dikes shall be constructed around all oil storage facilities located immediately adjacent to streams. Storage capacity inside dikes shall be a minimum of twice the maximum storage capacity of the facility. No open drain lines shall be allowed through any dike.
- F. Fire extinguishers shall be available at all battery facilities in number and location as required by OSHA Standards.
- G. A safety control system shall be installed on all flowing wells. Manual shut-in controls shall be located at the loading rack, pump house, treater and well-head. The system shall automatically shut-in the well under the following conditions:
 - (1) High treater level
 - (2) High tank level
 - (3) High/low flowline pressure
 - (4) Fire at the loading rack, pump house, tanks or treater

Safety control system operating instructions are provided as Appendix C.

2. DRILLING OPERATIONS

- A. Drilling operations shall conform to safety requirements established by the Western Region Blow-out Prevention Manual as well as the Rocky Mountain Division BOP Equipment Layout and Well Control Procedures of November 1, 1971 (Revised September 13, 1972). A copy of BOP Equipment Layout and Well Control Procedures is provided as Appendix D.

- B. Reserve pits shall be inspected daily to insure the integrity of embankments. Pits shall be properly retired upon completion of drilling operations.

3. PERSONNEL TRAINING

- A. All Shell field personnel shall be trained in the use of fire fighting equipment, and in the use of the oil spill recovery equipment described in Appendix A.
- B. All Shell Drilling Foremen shall be trained in the use of blow-out prevention equipment and in kick control procedures.
- C. Reviews of all training shall be conducted to maintain a high level of preparedness. A record of all training shall be maintained by the Safety and Environmental Conservation Manager.

4. INSPECTIONS

- A. All equipment shall be inspected at intervals as specified in the Western Region manual Safety Standard Practices for Producing Operations.

OIL SPILL RECOVERY PLAN

ALTAMONT FIELD

The following plan assumes that a well blowout or accident has occurred of such magnitude that oil has entered a river, creek, or canal in the Altamont Field:

1. The Foreman in charge of the operation where the accident occurs is responsible for stopping the leak and/or spill and for clean-up operations. He should initiate spill recovery efforts immediately and request advice and assistance from the Unit Production Foreman* who has some expertise and is responsible for overall environmental control within the Unit. Excelsior barriers for collecting waxy crudes and a variety of orbent materials for collecting small amounts of light oil are stockpiled at six field locations (Refer to Appendix A) such that crews can respond to a spill in a minimum of time. Enough material is available at each location to span the closest stream or canal to provide an initial line of defense. Backup materials from other locations can then be gathered and brought to the scene as necessary. A description of the equipment is also shown in Appendix A. Methods of deploying the equipment are discussed below.
2. The appropriate superintendent should be notified as soon as possible. Details concerning the accident should include what happened, where and when it occurred, and who was involved. Notification of local, State and Federal agencies listed in Appendix B will be made by the Safety & Environmental Conservation (SEC) Staff.
3. No motorized equipment should be used in a river or canal without prior approval from the Bureau of Indian Affairs. This approval, if required, will be obtained by the SEC Staff and will be forwarded to the field by the appropriate superintendent.
4. The Foreman in charge should make arrangements for initial notification of landowners directly affected by the oil spill (those owning land where equipment must cross, where pits must be dug, etc.). Downstream water users should also be notified to close their irrigation headgates. Notification is to be made by Shell personnel if possible. The guidelines in Paragraph 8 below for statement to the press should also be used as a guide in discussions with landowners and water users.

*Call Shell Office in Altamont (801) 454-3394

5. The map shown as Appendix E provides the location of access roads to rivers and canals in the field and the stockpile location of spill recovery equipment (See Table 1, Appendix A for type of equipment at each location). Note that access to most streams and canals becomes more difficult south of the field, and even though the recovery equipment is portable, spill recovery would be decidedly more difficult in this area. The importance of immediate containment of a spill near its source cannot be overemphasized.

6. Removal of waxy crude from fast waters

Individual excelsior barriers described in Appendix A can be transported into a stream and installed end to end to span the entire width of a stream or canal for containment of waxy crude. Figure 1, Appendix A, shows three excelsior barriers attached together and supported by their legs. Figure 2, Appendix A, shows barriers deployed in a river. The excelsior materials will hold together in even the fastest waters in the field and good recovery can be expected.

If only a small amount of waxy crude has been spilled, the barriers can be left in place until all the crude has collected against the barrier. If a large amount of waxy crude has been spilled, a second barrier should be set up downstream such that the first can be removed for cleaning. Extra excelsior material is available at the locations shown in Table 1, Appendix A.

7. Removal of light oil from fast waters.

Individual sorbent blankets (25' x 15') as described in Appendix A can be transported into a stream and tied end to end to span the entire width of a stream. The blankets float on top of the water as shown in Figure 3, Appendix A, and can absorb small amounts of light oil.

The blankets have a rope attached to the upstream edge for attachment to a cable stretched across the stream or to stakes driven into the stream bed. A series of blankets can also be used in conjunction with the excelsior barriers in cases where both light oil and waxy crude have been spilled, as shown in Figure 4, Appendix A.

Sorbent booms 8" in diameter by 8' long are available for use in containing oil in slow moving waters such as the section of the Duchesne River behind the Knight Diversion Dam. The booms are also useful in containing oil that has entered a stockpond or lake. Individual booms can be attached as shown in Figure 5, Appendix A to span the width of a stream.

16" square sheets of sorbent material are available for use in collecting oil caught in eddies or in weeds and brush along a stream.

8. A significant blowout or spill could attract spectators, public officials, newsmen and volunteers. Public officials and newsmen should be escorted to the scene by the SEC Manager, if possible. If the SEC Manager is not available, a Shell escort is to be selected by the operational supervisor at the blowout.

APPENDIX ADESCRIPTION OF OIL SPILL RECOVERY EQUIPMENTALTAMONT FIELD

Oil spill recovery equipment is available should an oil spill occur in the Altamont Field. Excelsior barriers for collecting waxy crude and a variety of sorbent materials for collecting small amounts of light oil are stockpiled at six field locations such that crews can respond to a spill in a minimum of time. Stockpile locations are shown in Table 1. A description of the equipment follows:

1. Excelsior BarriersA. Use

Recovery of waxy crude oil from fast moving waters.

B. Description

The containment medium of the barrier is an excelsior mat of curled cedar fibers. The mat has the strength to maintain its shape in fast moving waters, and the porosity to allow water to pass freely through while retaining waxy crude.

Each mat is overlaid with chicken wire and attached to a 6 foot wide by 3 foot high sucker rod frame. Each frame has a pin/socket connection that allows attachment to an adjacent frame such that a continuous barrier can be formed. Supporting legs are provided such that the barrier can be placed in a stream and left unattended.

38 excelsior barriers are stockpiled at the locations shown on Table 1. Figures 1 and 2 show the barrier construction and method of deployment in a river.

2. Sorbent MaterialsA. Use

Recovery of small amounts of light oil from fast moving waters.

B. Description

The sorbent materials available in the field is a synthetic material that is oleophilic (oil absorbing) and hydrophobic (water repelling). The material is available in several forms:

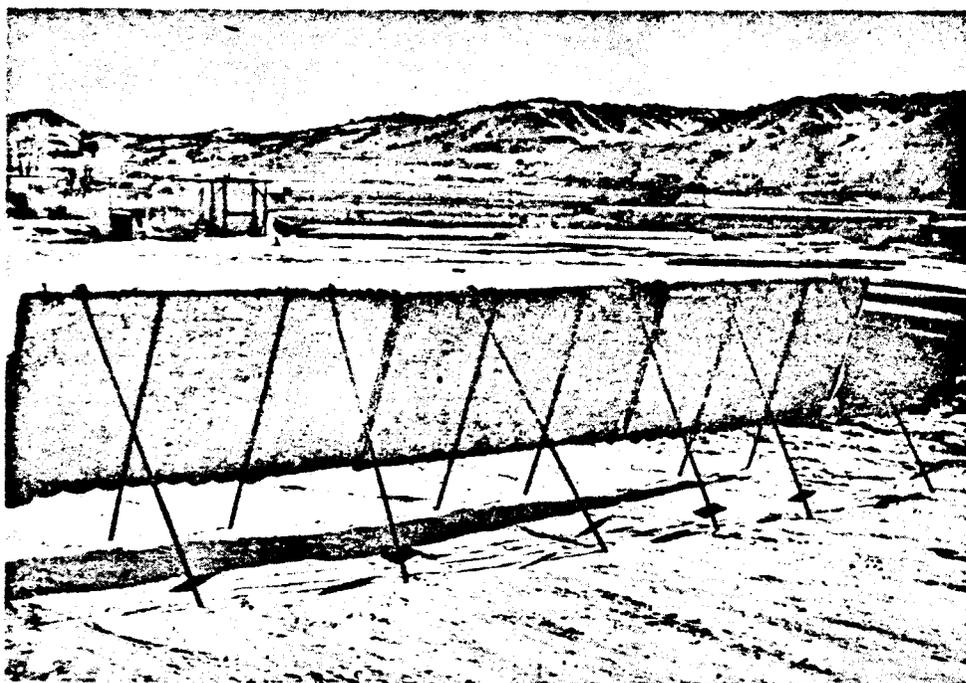


FIGURE 1

Three typical excelsior barriers are shown attached end to end with support legs installed. Legs are removable for ease of transport. Thirty-eight barriers are stockpiled at the locations shown on Table 1, Appendix A.

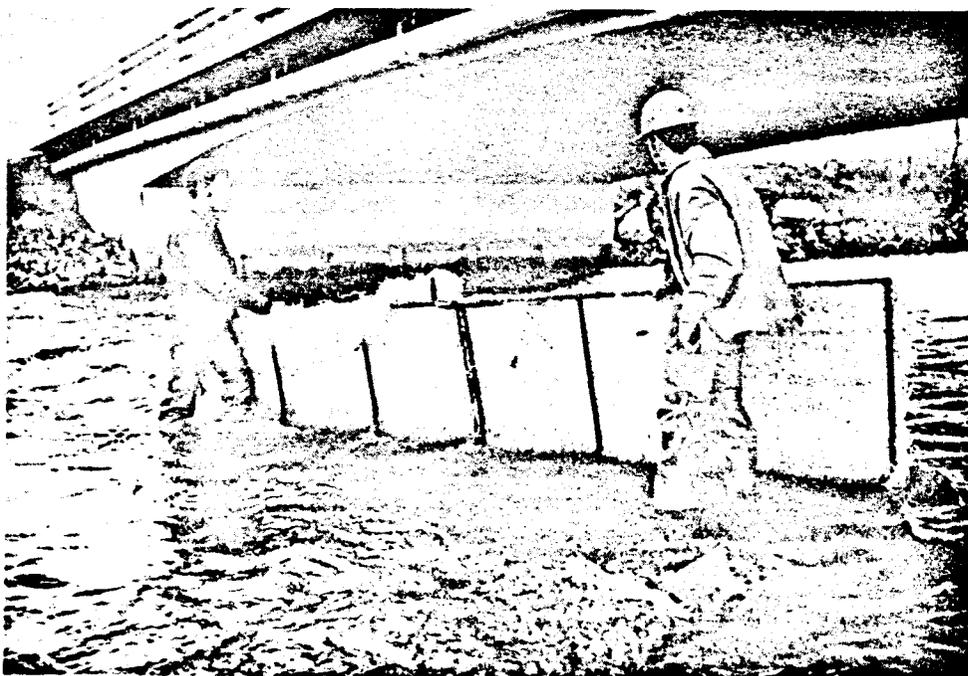


FIGURE 2

Excelsior barriers are shown installed in the Duchesne River. Note that the excelsior material maintains its shape even in fast waters. Additional barriers can be individually transported and attached as required to span the width of any stream or canal in the field.

(1) Sorbent blankets 25' long by 15' wide have been constructed for placing across a stream or canal. Blankets are approximately 1/4" thick. The blankets float on top of the water ~~as shown in Figure 3~~ and can absorb small amounts of light oil that are floating on the surface. The blankets have a rope attached to the upstream edge for attachment to a cable or to stakes driven into the streambed. A series of blankets can also be used in conjunction with the excelsior barriers as shown in Figure 4 in cases where both light oil and waxy crude have been spilled. Twelve blankets are available at the locations shown on Table 1.

(2) Sorbent booms 8" in diameter by 8' long are available for use in containing oil in slow moving sections of a stream such as the area behind the Knight Diversion Dam. Booms are also useful for containing oil in a stock pond or lake. Individual booms can be attached as shown in Figure 5 to span the width of a stream. Twelve boom sections are available at the location shown on Table 1.

16" square sheets of sorbent material are available for use in collecting oil caught in eddies or in weeds and brush along a stream. Three bales of 100 sheets each are available at the location shown on Table 1.

C. Reuse of sorbent materials

The sorbent materials will retain very minor amounts of water in spite of their water repellent nature. Sorbent materials that have been deployed in the water may be reused at a later date only if they are dried completely prior to storage. Sorbent materials that are rolled or stacked together while wet will permanently stick together.



FIGURE 3

A sorbent blanket is shown floating on the Duchesne River. Ropes are provided for attachment to a cable or stakes driven into the streambed. Material will absorb small amounts of light oil floating on the surface.



FIGURE 4

A sorbent blanket is shown attached to a series of excelsior barriers. This configuration can be used where both light and waxy oil must be contained.

SHELL OIL COMPANY
12 POINT SURFACE USE PLAN
FOR
1-12A6
SECTION 12, T1S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH

1. Existing Road

To reach Shell Oil Company Well 1-12A6 located in Section 12, T1S, R6W, U.S.B.&M. proceed West from Utahn, Utah 0.5 miles; exit north and proceed on river bottom road 3.2 miles; take north fork and proceed northerly on Rock Creek Road 7.6 miles; exit left onto graded road and proceed 0.1 miles to said location.

2. Planned Access Roads

As shown on the attached topographic map, the planned access road will leave the location on the east side of the location and proceed east for approximately 0.1 mile to the intersection with existing road. No other access roads are planned. The access road will be a 20' wide road (2-10' travel lanes) with a bar ditch on each side to permit drainage. Culverts will be placed as needed to maintain normal flow of water in existing drainages.

3. Location of Existing Wells

There are no known wells within a radius of 1/2 mile, however wells in the surrounding area have been shown on attached topographic map.

4. Lateral Roads To Well Locations

Roads to well locations in the existing area are shown on the attached topographic map.

5. Location of Tank Batteries and Flowlines

See location layout sheet

6. Location and Type of Water Supply

Water used to drill this well will be hauled from Rock Creek 1200' East of the location.

7. Methods For Handling Waste Disposal

All waste will be buried in a pit and covered with a minimum 2' of cover. A portable chemical toilet will be supplied for human waste.

8. Location of Camps

There will be no camps.

9. Location of Airstrips

There will be no airstrips.

10. Location Layout

See attached location layout sheet

11. Plans for Restoration of Surface

There is no measurable topsoil in the area. On completion, pits will be filled, and the surrounding area leveled and reseeded as recommended by the B.I.A. Agent.

12. Topography

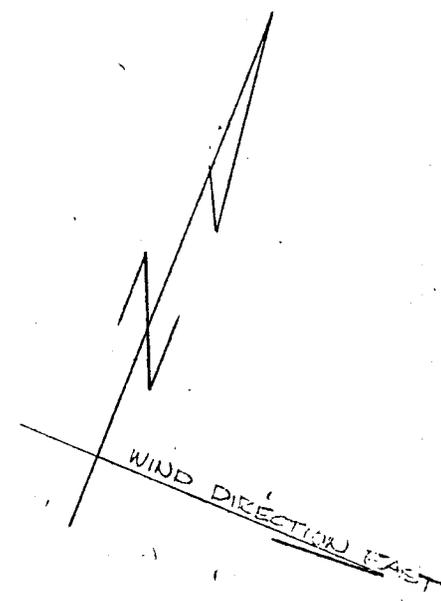
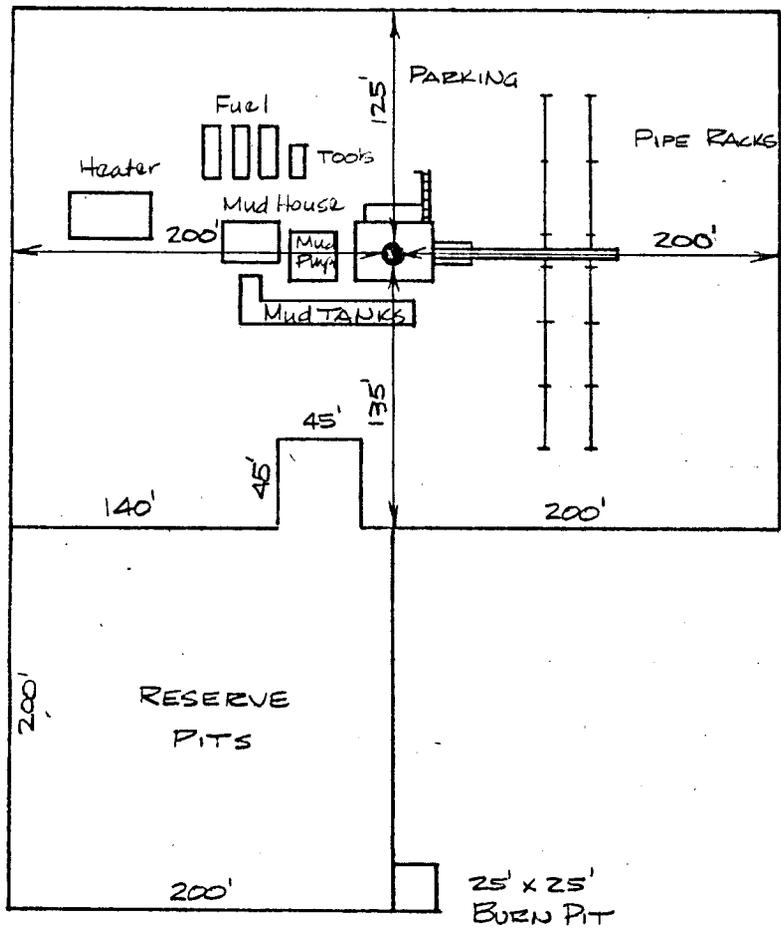
The surrounding area is generally a long sloping area with some small washes and gullies, Rock Creek runs 1200' to the East of the location. The area is vegetated by sagebrush, cacti, and some juniper to the north. Care should be taken to maintain normal flow of water in the existing drainages.

13. General

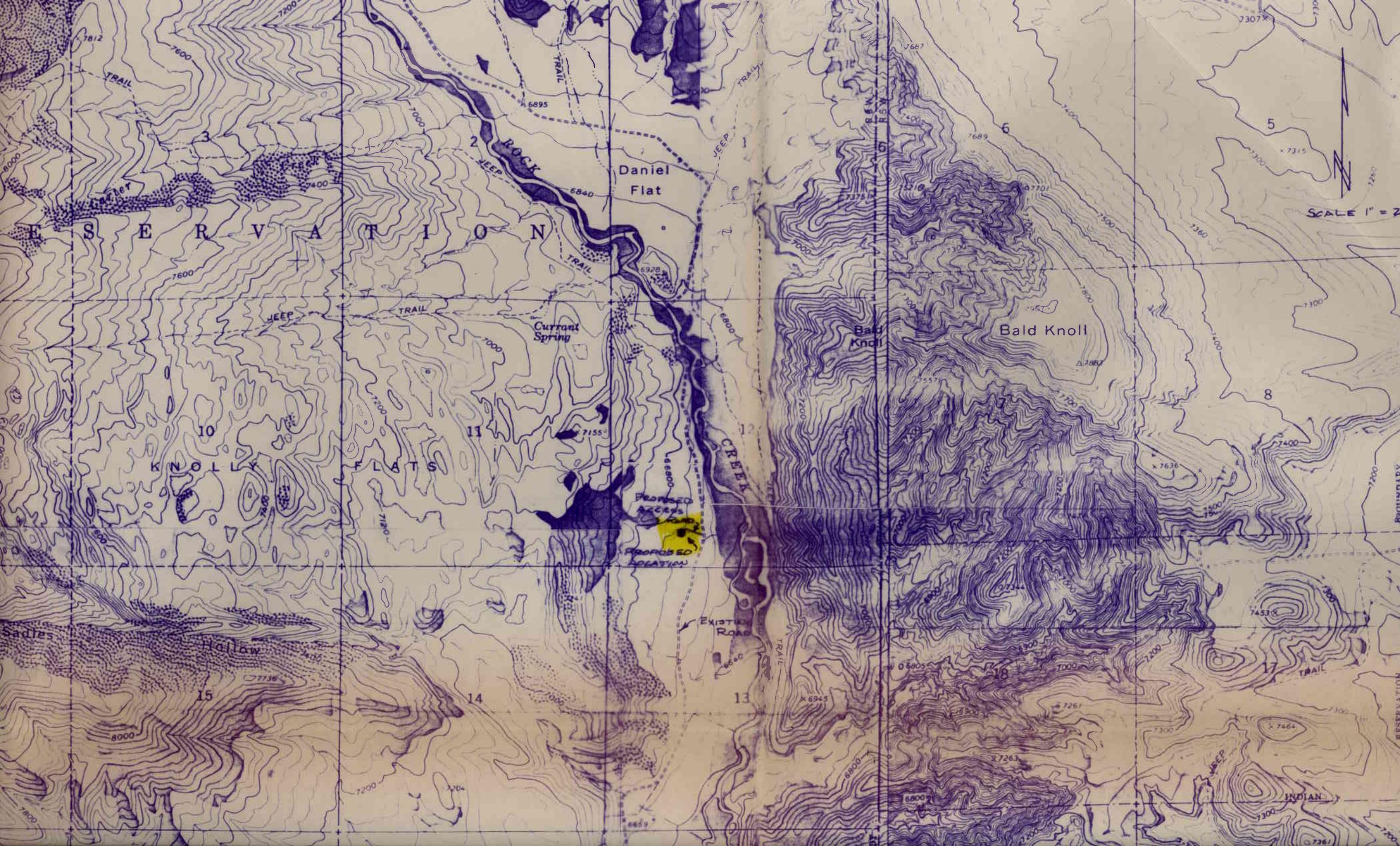
- (a) Since this well is about 1200' from Rock Creek our "Oil Spill Prevention and Contingency Plan", as described in the attachment, will be followed during drilling and producing operations.
- (b) If there are any questions concerning this location please contact Mr. Clyde Grady, Drilling Foreman, who is located at the Shell-Altamont Field Office 801-454-3394.

C. L. Creager
C. L. Creager
Staff Environmental Specialist

SHELL OIL COMPANY
 LOCATION LAYOUT
 IN
 SECTION 12, T1S, R6W, U.S.B. & M.



DATE 5/19/75
 SCALE 1" = 100'



E S E R V A T I O N

KNOLLY FLATS

Daniel Flat

Bald Knoll

Bald Knoll

PROPOSED ACCESS
PROPOSED LOCATION

SCALE 1" = 2

INDIAN

INSTRUCTIONS FOR CONNECTING
SORBENT BOOMS

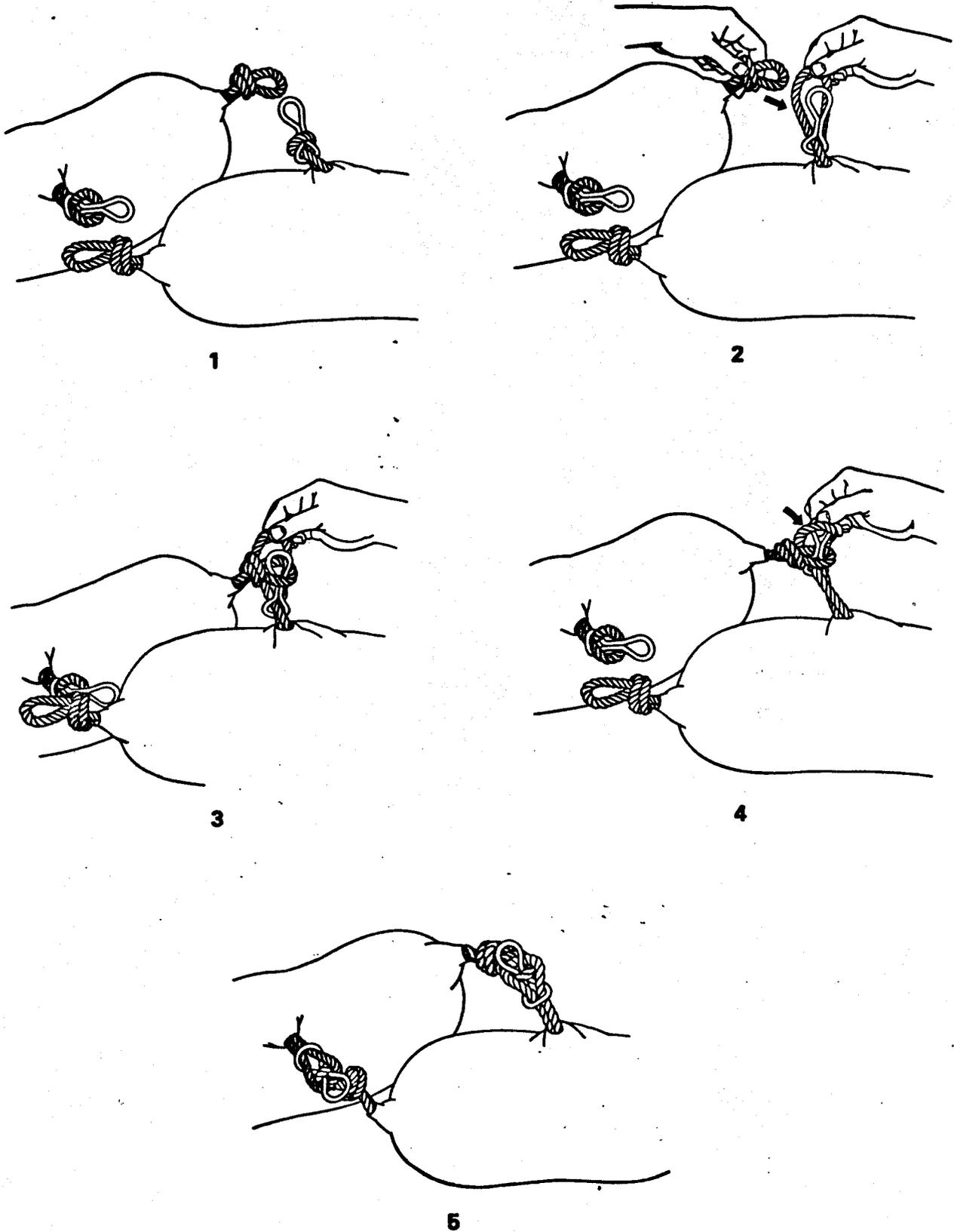


FIGURE 5

TABLE 1

STORAGE LOCATIONS FOR OIL SPILL
RECOVERY DEVICES - ALTAMONT FIELD

<u>EQUIPMENT LOCATION</u>	<u>NUMBER OF EACH TYPE OF EQUIPMENT</u>				
	<u>EXCELSIOR BARRIERS 3' HIGH X 6' WIDE</u>	<u>SPACE ROLLS EXCELSIOR MATERIAL 4' X 150'</u>	<u>SORBENT BLANKETS 15' X 25'</u>	<u>SORBENT BOOMS 8" X 8'</u>	<u>BAILS OF SORBENT SHEETS (100 SHEETS/BAIL)</u>
1. Shell-Ute 1-18B5	8	1	2	0	0
2. Shell-Robb 1-29B5	10	1	4	12	1
3. Shell-Ute 1-34A4	4	1	2	0	0
4. Shell-Babcock 1-12B4	4	0	2	0	1
5. Shell-Brotherson 1-10B4	4	0	1	0	0
6. Shell-Rust 1-4B3	<u>8</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>1</u>
	38	4	12	12	3

FLOWING WELL SAFETY
CONTROL SYSTEMS
UINTA BASIN

NOVEMBER 1, 1972

By
G. P. Dalton
R. D. Reese

WESTERN E&P REGION
SHELL OIL COMPANY
ROCKY MOUNTAIN DIVISION

SINGLE WELL SYSTEMPurpose

To provide a means of producing well control and to insure safe operations as well as environmental protection for all flowing wells during times when 24-hour well surveillance is not possible or practical.

System Description

A closed (separate) pneumatic supply system of Nitrogen gas will provide the operating medium. This, in conjunction with various pneumatic pressure controls, floats, and pilots for sensing operating system functions and activating a pneumatic valve operator at the wellhead, will provide positive well control in the event of a malfunction. The control system is designed to "fail closed" for any control system malfunction or operating system monitor violation and is programmed for MANUAL RESTART ONLY. Five manual shut-down points are provided and as many system monitors as necessary to provide adequate control.

Operation (See Figure No. 6)

Any one of the manual control valves or system monitors will shut in the well. The basic operation is as follows:

When either a manual shut-down valve or a system monitor is activated, the Nitrogen supply to that point is blocked and the control system pressure between that point and the well is exhausted to the atmosphere by way of a three-way valve. As the control system pressure ahead is reduced, the fast block and bleed pilot (Key No. 7) at the well is activated. This pilot then blocks the supply and exhausts the valve piston chamber (Key No. 8). The reduction in piston chamber pressure then allows the safety valve closing springs to push the valve stem and gate out thereby closing in the well. The entire control system and operating system then becomes inoperable until the manual start-up procedure is initiated.

Initial State-up Procedure (See Figure No. 6)

1. After installation and pressure testing of the control system lines, check all pressure controls and pilots for correct setting.
2. With handwheel, open the pneumatic control valve (Key No. 8) on the Christmas tree using choke for well control.
3. Allow operating system to reach stable conditions (flowline pressure, separator and treater pressures normal). This may take several hours and should be done with attendance.

4. Check all manual block and bleed valves (Key No. 3) to insure they are not in exhaust position. Leave one fitting at the well loose to vent all air from the control system.
5. Set control system pressure regulator (Key No. 2) in accordance with Table No. 2 and open Nitrogen supply main valve to fill control system. Exhaust system free of air to wellhead. Tighten the loose fitting used for venting air.
6. Pull out the manual reset button locking pin and the manual reset button (palm button) on the fast block and bleed pilot (Key No. 7) at the wellhead. Hold out until full control system pressure is on the pneumatic valve operator piston.
- *7. Turn the pneumatic valve operator handwheel clockwise until the stop is encountered. If full control system pressure is on the pneumatic operator piston, the valve will remain open even though the handwheel is in the closed position. Check the valve stem travel indicator to insure the valve is fully open (valve stem travel indicator is a small steel rod which extends through the bottom of the pneumatic valve operator piston housing).
8. Test all pressure controllers, float controls, and manual shut-down valves to insure that each will shut in the well. After each test, it will be necessary to repeat Steps 2, 6 and 7 to place system in operation after shutdown.
9. After final test in Step 8, place system in operation.

*Step 7 is extremely important since the pneumatic valve cannot close unless the handwheel is in the closed position. It is suggested that after the final test in Step 8 is made and after the handwheel has been placed in the closed position and checked, that the handwheel be removed and placed at a convenient location on the lease away from the wellhead.

General Notes

1. All personnel who normally work on the lease should be familiar with the system manual control points; that is, where they are located and how to activate them. This would include roustabout crew chiefs, electricians, mechanics, oil haulers, and any other personnel, either contract or company employees, who may periodically perform routine, minor unsupervised work on the lease. In addition, the normal lease operator and those persons who may relieve him for extended periods of time should be familiarized with the entire system to the extent that they could start it up if necessary.

2. The entire control system should be checked every 45 days to insure effective shut down from all control devices. All manual shut downs should be independently activated and all float controls and pressure-sensing pilots should be independently activated by changing the producing system conditions to force float and pilot operation if possible and, if not possible, the floats and pressure pilots should be manually activated independently. As reliability of the control systems is established, the frequency of complete system checks may be altered.
3. A normal startup after shut down would be repetition of Steps 2 through 7 of the initial startup procedure after the malfunction had been defined and corrected.
4. The automatic safety valve should be manually locked in the open position with the handwheel when any downhole through-tubing work is being performed.
5. Recommendations for control-system pressures may be found on Table No. 2.

CONSOLIDATED TANK BATTERY SYSTEMPurpose

To provide a means of producing multiple wells into a consolidated tank battery so as to insure safe operations as well as environmental protection.

System Design

A safety system is provided for the consolidated tank battery as well as individual safety systems for each remote well. The consolidated tank battery safety systems are basically the same as the single well safety system. Nitrogen gas is used as the operating medium in all cases. Well control is provided through the use of various pneumatic controls which are designed to sense abnormal operating conditions and shut the well in by activating pneumatic operators located at the wellheads or incoming flowlines from remote wells. All control systems are designed to "fail closed" in the event of a control system malfunction or operating system monitor violation and are designed for manual restart only.

Operation (See Figure No. 7)Consolidated Battery

System monitors for the consolidated battery safety system fall into two categories: those which are designed to shut in all incoming wells and those which are designed to shut in one individual well only. System monitors designed to shut in all wells include all fuse plugs and any pneumatic control located at the stock tanks, pump house, or loading rack. Pneumatic controls located on the heater treaters for individual incoming wells are designed to shut in only that particular well. The system will therefore completely shut in the battery in the event of a fire, tank overflow, or manual shut in from the pump house or loading rack while still allowing for individual well shut in for conditions such as a high-level or high or low pressure in a heater treater.

All pneumatic controls operate on the "block and bleed" principle as described in the single well safety control system.

Remote Well

Each remote well feeding into a consolidated tank battery is provided with a separate safety system. The system is designed to shut the well in on a high or low-flowline pressure or in the event of a fire. If an individual well is shut in at the consolidated battery, the safety system at the remote well will sense a high-flowline pressure and shut the well in at the wellhead.

Initial Start-up Procedure (See Figure No. 7)Consolidated Battery

1. After installation and pressure testing of the control system lines, check all pressure controls and pilots for correct setting.
2. With handwheel, open the pneumatic control valves on the Christmas tree or at the heater treaters using chokes for well control (turn handwheels counterclockwise to open).
3. Check all manual block and bleed valves to insure they are not in exhaust position (valves should be in open position).
4. When all wells have been manually put into operation and stable conditions have been established, open the needle valve at the Nitrogen cylinder and turn the Nitrogen gas on by opening the pressure regulator. (Set the system pressure in accordance with Table 2.)
5. Manually reset the "CRBB-M" fast block and bleed pilot at the stock tanks (Key No. 6) by momentarily depressing the palm valve in order to lift the safety pin out of the locking position. When the valve is open (indicated by an extended palm valve), return the safety pin into the slot for normal operation.
6. Check for supply-pressure indication on the pressure gauges at the wellhead and heater treaters.
7. Manually close the "AMW" operators at the heater treater by first closing the Barksdale Manual Block and Bleed Valve at the treaters (Key No. 4). After the "AMW" operators have been closed (close valves by rotating handwheel clockwise), re-open the Barksdale valves at the treaters. The Nitrogen pressure should hold the valves open.
8. Pull out the manual reset button locking pin on the palm valve of the fast block and bleed pilot at the wellhead. (The palm valve must be momentarily depressed in order to lift the safety pin out of the locking position. When the valve is open, return the safety pin into the slot for normal operation). Hold the palm valve out until full control system pressure is on the pneumatic valve operator at the wellhead.

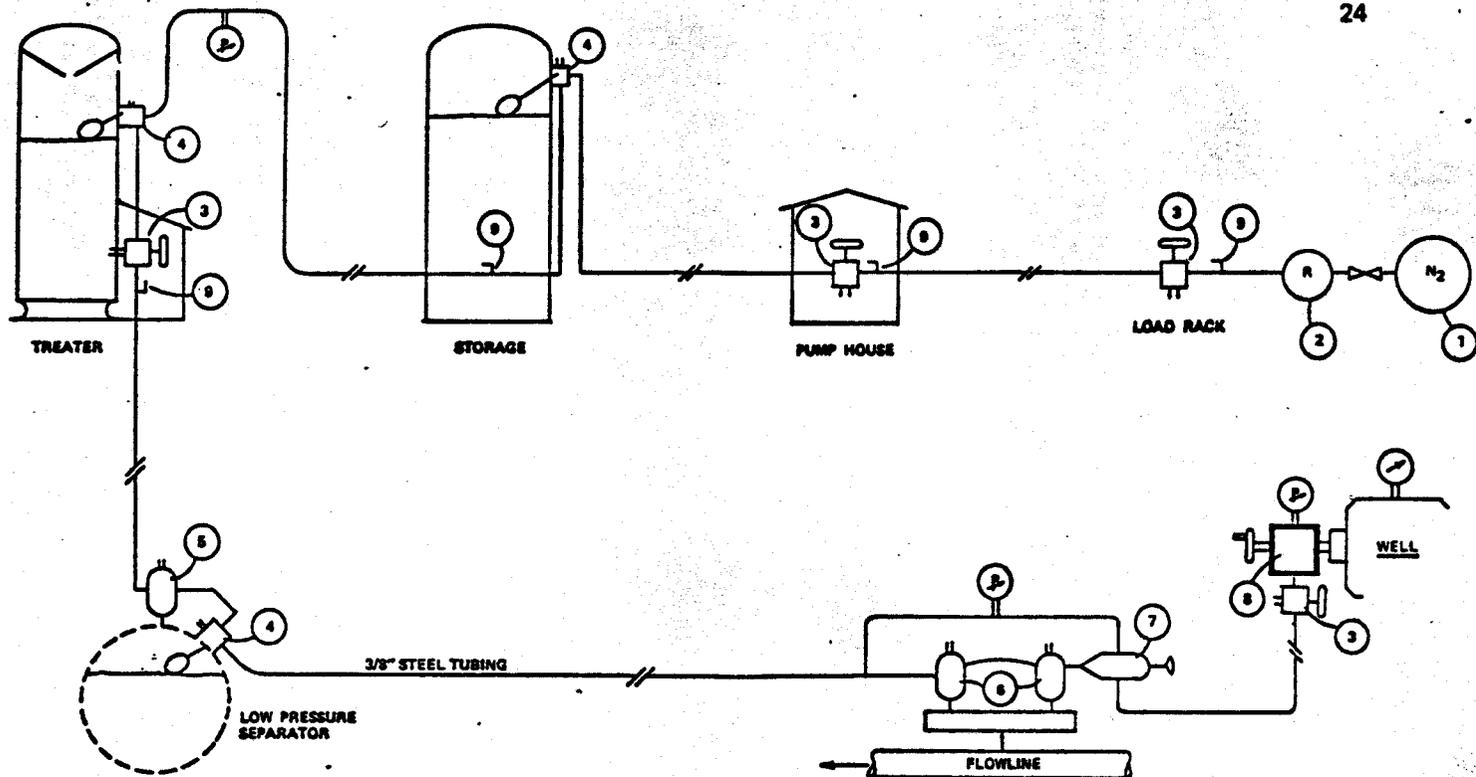
9. Manually close the "LC" operator at the wellhead by turning the handwheel clockwise until the stop is encountered. If full control system pressure is on the pneumatic operator piston, the valve will remain open. Check the valve stem travel indicator to insure that the valve is fully open (small steel rod should be fully extended). This step is extremely important since the pneumatic valve cannot close unless the handwheel is in the closed position.

Remote Well

To startup the safety system for remote wells, repeat Steps No. 1, 2, 3, 4, 8, and 9 of the procedure for startup of a consolidated battery safety system.

General Notes

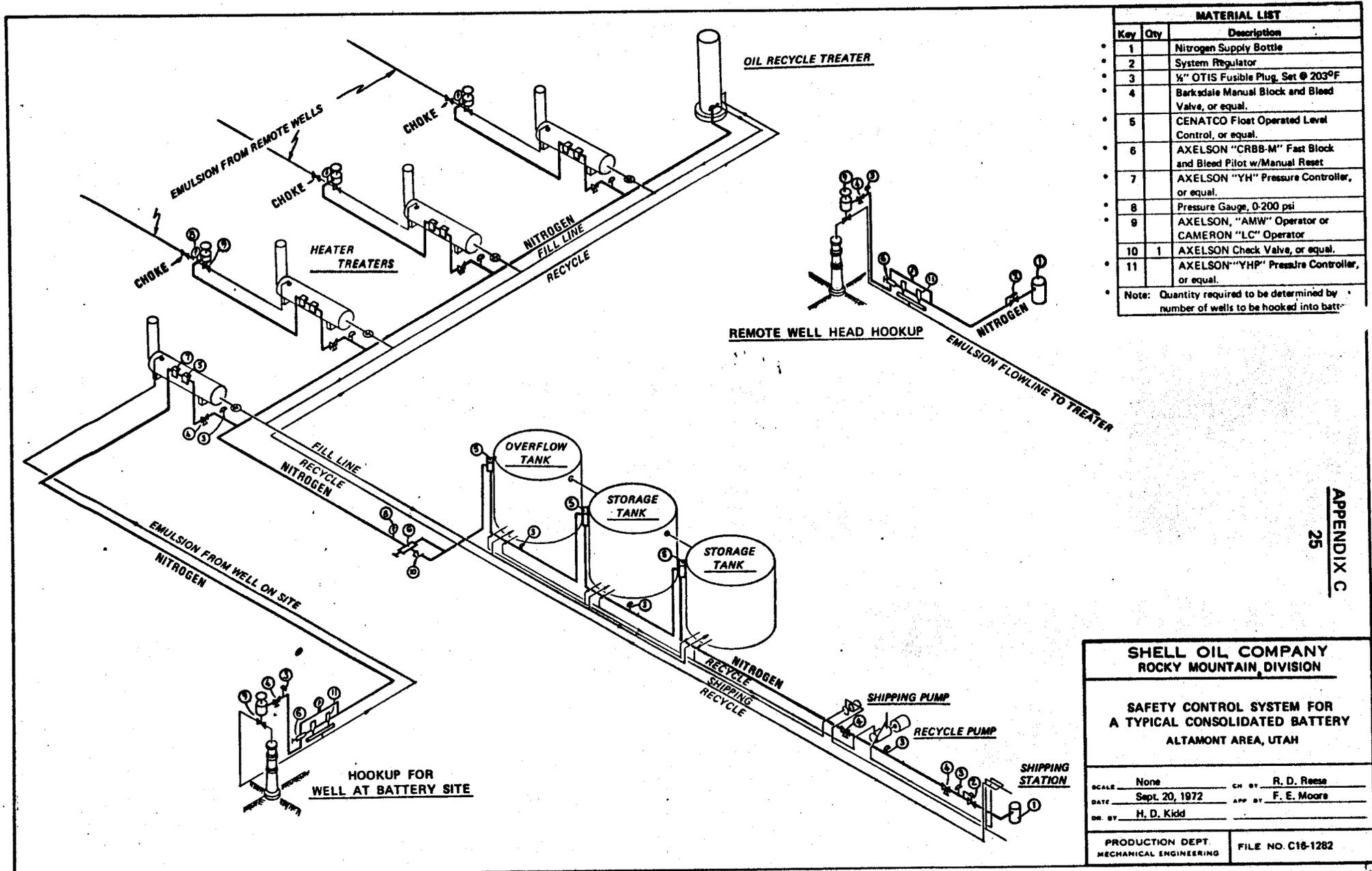
1. Once a day during the winter-time operations, all palm valves should be momentarily depressed and then released to keep the "O-Rings" in the valves from freezing up.
2. A normal startup after shut down would be repetition of Steps 2 through 9 after the malfunction has been defined and corrected.
3. The automatic safety valves at the wellhead should be manually locked in the open position with the handwheel when any downhole through-tubing work is being performed.
4. Refer to "single Well System General Note No. 2" for instructions on periodic testing procedures.
5. Recommendations for control-system pressures may be found on Table No. 2 or No. 3 as appropriate.



KEY	DESCRIPTION
①	NITROGEN SUPPLY
②	SYSTEM PRESSURE REGULATOR
③	BARKSDALE MANUAL BLOCK AND BLEED VALVE, OR EQUAL
④	CE-NATCO FLOAT OPERATED LEVEL CONTROL, OR EQUAL
⑤	AXELSON "YH" PRESSURE CONTROLLER, OR EQUAL
⑥	AXELSON "YHP" PRESSURE CONTROLLER, OR EQUAL
⑦	AXELSON "CRBB-M" FAST BLOCK AND BLEED PILOT WITH <u>MANUAL RESET</u> , OR EQUAL
⑧	CAMERON IRON WORKS "LC" PNEUMATIC VALVE OPERATOR, OR EQUAL
⑨	1/2" OTIS FUSIBLE PLUG SET @ 203° F
P	0-200 PSI PRESSURE GAUGE

NOTE: ITEMS SHOWN IN DASHED LINES ARE OPTIONAL - IF NOT INSTALLED, THE CONTROL DEVICE(S) WOULD BE ELIMINATED AND THE CONTROL SYSTEM SUPPLY CONTINUED TO THE NEXT DEVICE.

FIGURE 6



MATERIAL LIST		
Key	Qty	Description
1		Nitrogen Supply Bottle
2		System Regulator
3		1/2" OTIS Fusible Plug, Set @ 203°F
4		Barksdale Manual Block and Bleed Valve, or equal.
5		CENATCO Float Operated Level Control, or equal.
6		AXELSON "CRBB-M" Fast Block and Bleed Pilot w/Manual Reset
7		AXELSON "YH" Pressure Controller, or equal.
8		Pressure Gauge, 0-200 psi
9		AXELSON, "AMW" Operator or CAMERON "LC" Operator
10	1	AXELSON Check Valve, or equal.
11		AXELSON "YHP" Pressure Controller, or equal.

Note: Quantity required to be determined by number of wells to be hooked into batt.

SHELL OIL COMPANY
ROCKY MOUNTAIN DIVISION

SAFETY CONTROL SYSTEM FOR
A TYPICAL CONSOLIDATED BATTERY
ALTA MONT AREA, UTAH

SCALE: None CH BY: R. D. Reese
 DATE: Sept. 20, 1972 APP BY: F. E. Moore
 DR. BY: H. D. Kidd

PRODUCTION DEPT. FILE NO. C16-1282
 MECHANICAL ENGINEERING

FIGURE 7

TABLE NO. 2

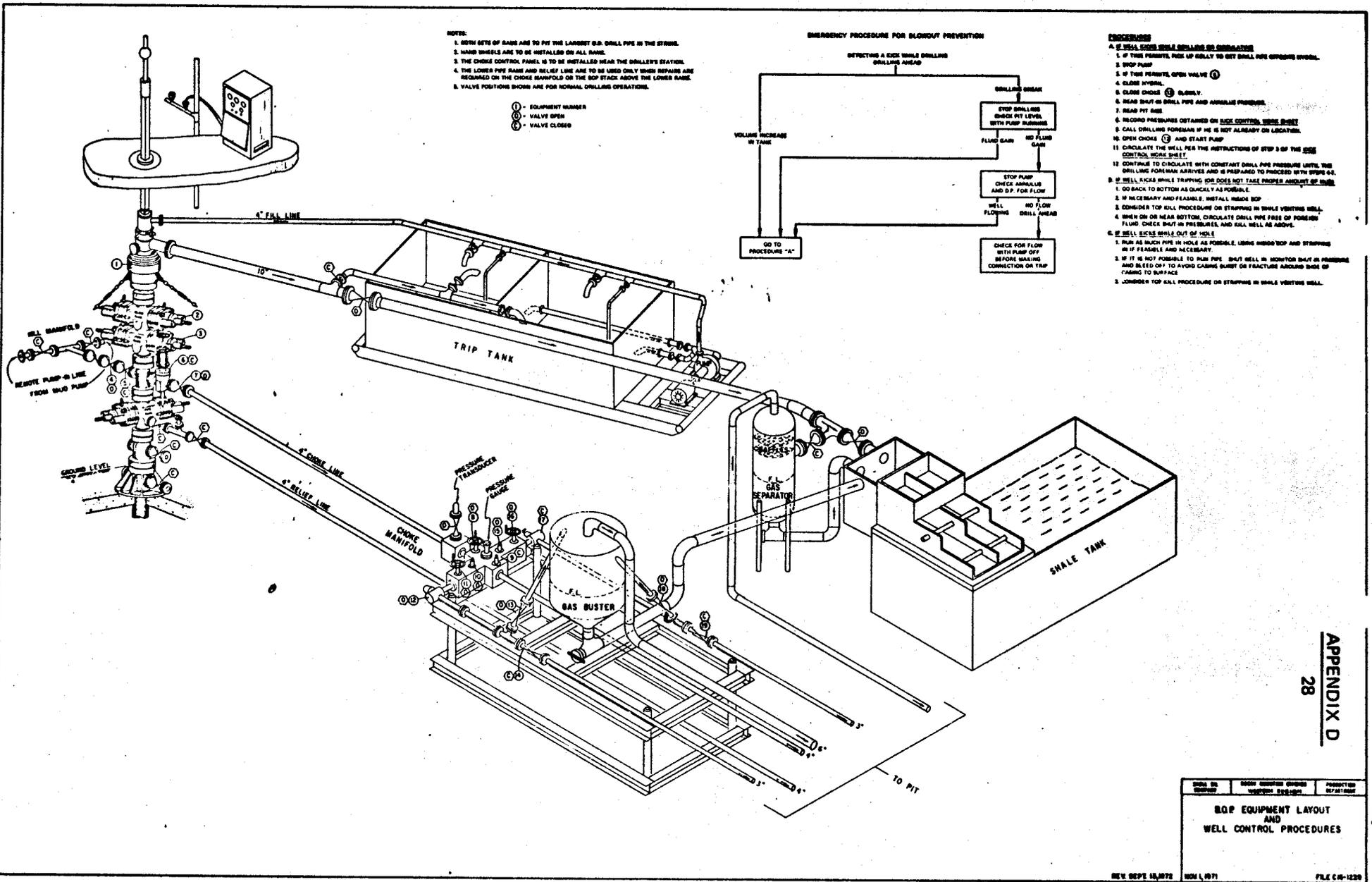
Required Control System
Operating Pressure
For Cameron Iron Works
"LC" Operator On
Cameron's "F" Gate Valve

Wellhead Operating Pressure (psi)	Nitrogen Control System Pressure (psi)		
	1 13/16" or 2 1/16" Valve Bore		2 9/16" Valve Bore
	10 3/4" OD Cylinder	12 3/4" OD Cylinder	16" OD Cylinder
0-500	65	50	45
1,000	65	50	45
2,000	65	50	45
3,000	100	70	65
4,000	130	90	85
5,000	160	110	105
10,000	-	210	205

TABLE NO. 3

Required Control System Operating Pressure
for USI 9 1/4-inch O.D. "AMW" Operator
on
WKM Gate Valve

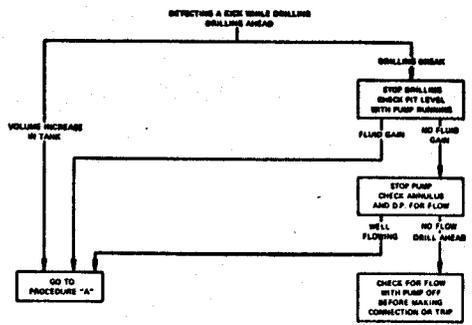
Line Operating Pressure (psi)	Nitrogen Control System Pressure (psi)	
	2-inch Valve Bore	2 1/2-inch Valve Bore
0-500	45	45
1,000	45	45
2,000	50	70
3,000	100	110
4,000	130	145
5,000	160	180



NOTE:
 1. BOTH SETS OF RAMS ARE TO FIT THE LARGEST O.D. DRILL PIPE IN THE STRING.
 2. HAND WHEELS ARE TO BE INSTALLED ON ALL RAMS.
 3. THE CHOKE CONTROL PANEL IS TO BE INSTALLED NEAR THE DRILLER'S STATION.
 4. THE LOWER PIPE RAME AND BLEED LINE ARE TO BE USED ONLY WHEN REPAIRS ARE REQUIRED ON THE CHOKE MANIFOLD OR THE BOP STACK ABOVE THE LOWER RAME.
 5. VALVE POSITIONS SHOWN ARE FOR NORMAL DRILLING OPERATIONS.

- ① - EQUIPMENT NUMBER
- ⊕ - VALVE OPEN
- ⊖ - VALVE CLOSED

EMERGENCY PROCEDURE FOR BLOWOUT PREVENTION



PROCEDURES

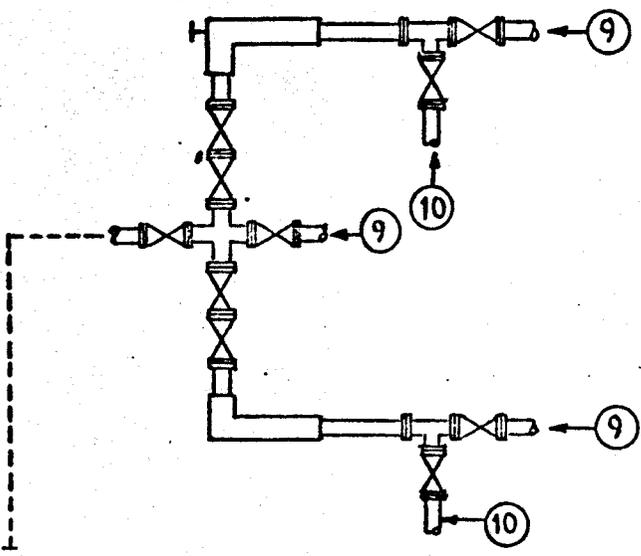
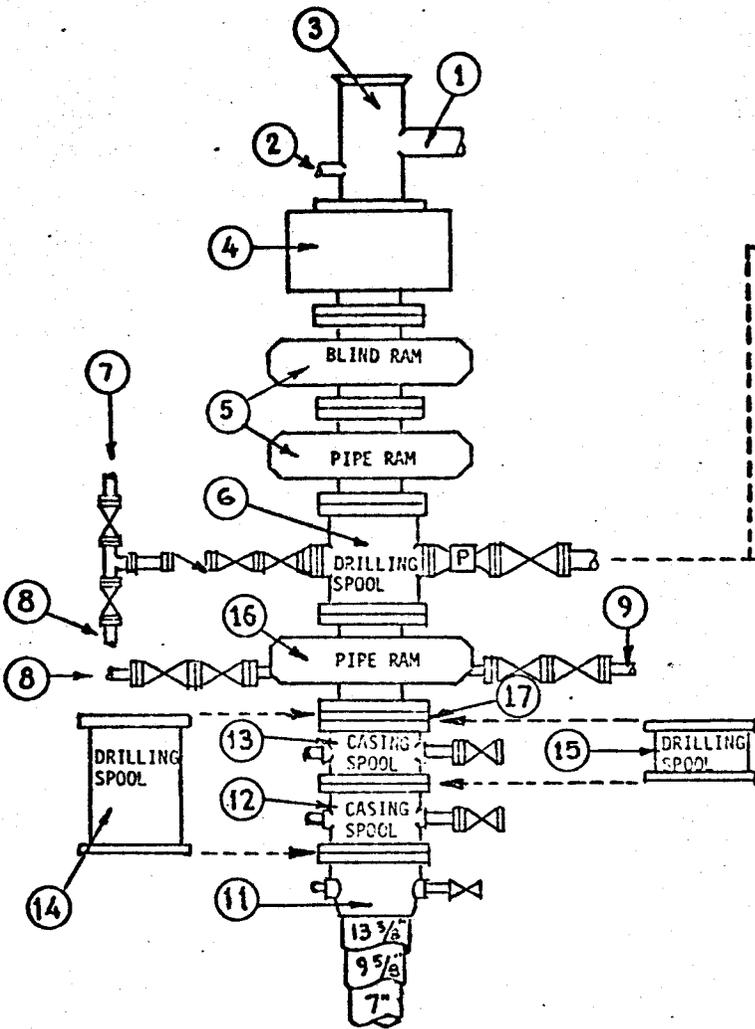
- A. IF WELL KICKS WHILE DRILLING OR OPERATING
1. IF TIME PERMITS, PEEK UP HOLE TO GET DRILL PIPE EXPOSURE SYMBOL.
 2. STOP PUMP
 3. IF TIME PERMITS, OPEN VALVE ①
 4. CLOSE HYDRAL
 5. CLOSE CHOKE ② SLOWLY.
 6. READ SHUT-IN DRILL PIPE AND ANNULUS PRESSURES.
 7. READ PIT RISE
 8. RECORD PRESSURES OBTAINED ON KICK CONTROL WORK SHEET.
 9. CALL DRILLING FOREMAN IF HE IS NOT ALREADY ON LOCATIONS.
 10. OPEN CHOKE ③ AND START PUMP
 11. CIRCULATE THE WELL PER THE INSTRUCTIONS OF STEP 3 OF THE KICK CONTROL WORK SHEET.
 12. CONTINUE TO CIRCULATE WITH CONSTANT DRILL PIPE PRESSURE UNTIL THE DRILLING FOREMAN ARRIVES AND IS PREPARED TO PROCEED WITH STEP 6-8.
- B. IF WELL KICKS WHILE TRIPPING OR DOES NOT TAKE PROPER ADJUST OF RAMS
1. GO BACK TO BOTTOM AS QUICKLY AS POSSIBLE.
 2. IF NECESSARY AND FEASIBLE, INSTALL INSIDE BOP.
 3. CONSIDER TOP KILL PROCEDURE OR TRIPPING IN WHILE VISITING WELL.
- C. WHEN ON OR NEAR BOTTOM, CIRCULATE DRILL PIPE FREE OF POSSIBLE FLUID. CHECK SHUT-IN PRESSURES AND CALL WELL AS ABOVE.
- D. IF WELL KICKS WHILE OUT OF HOLE
1. RUN AS MUCH PIPE IN HOLE AS POSSIBLE, LEAVE HEADS TOP AND TRIPPING IN IF FEASIBLE AND NECESSARY.
 2. IF IT IS NOT POSSIBLE TO RUN PIPE, SHUT WELL IN MONITOR SHUT-IN PRESSURE AND BLEED OFF TO AVOID CANNING BURST OR FRACTURE AROUND SIDE OF CASING TO SURFACE.
 3. JOURNAL TOP KILL PROCEDURE OR TRIPPING IN WHILE VISITING WELL.

FIGURE 8

DRILLING UNIT	DRILLING UNIT NUMBER	PRODUCTION UNIT NUMBER

BOP EQUIPMENT LAYOUT AND WELL CONTROL PROCEDURES

BLOWOUT PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



Auxiliary Equipment and Notes:

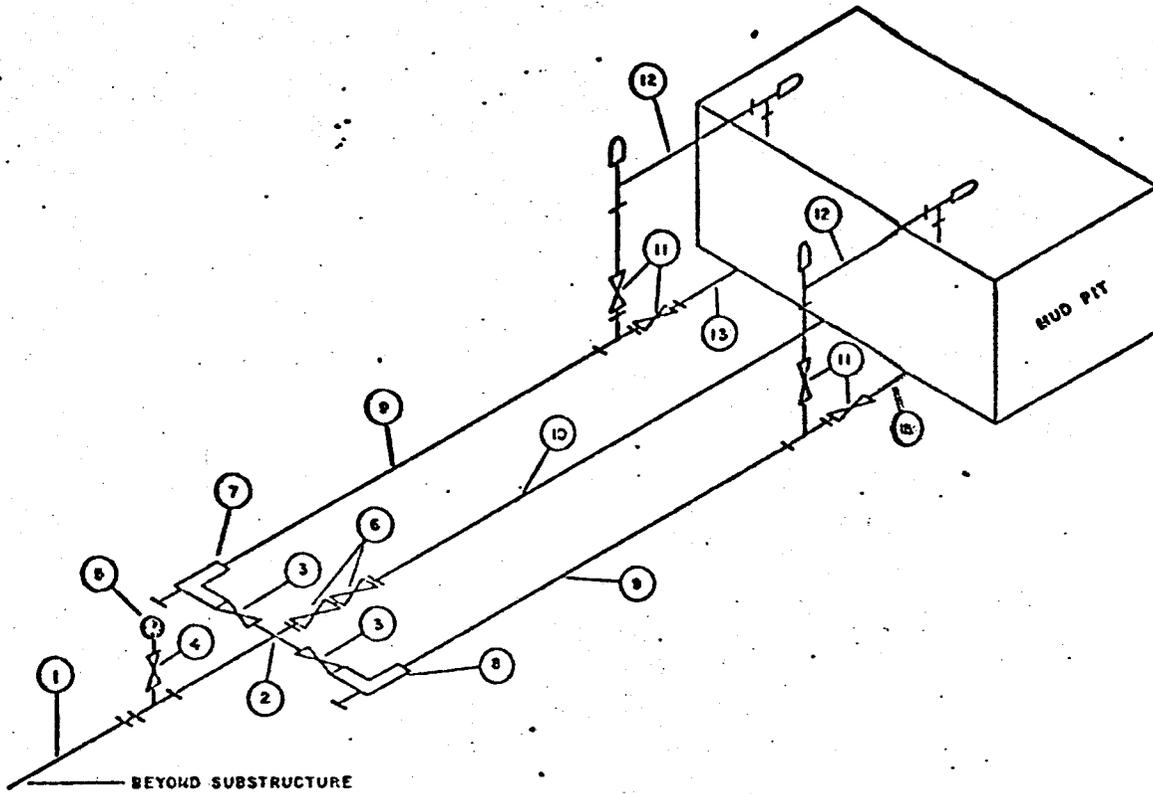
1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
5. Mud system monitoring equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after mud up or upon reaching a depth at which abnormal pressures could occur.
6. BOP equipment shall be pressure tested upon installation and periodically thereafter. Operational test of ram type preventers shall be performed on each trip.

Item No.	Description
1	Mud return flow line
2	Fillup line - min. 2"
3	Drilling Nipple
4	13-5/8" - 5000 psi WP-Annular Bag Type BOP - Shaffer or Hydri1
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Shaffer LWS
6	13-5/8" - 5000 psi WP Drilling Spool
7	To mud pumps
8	To remote pump in station
9	To burn pit
10	To gas buster
11	12" - 3000 psi WP-Slip On and Weld-Casing Head
12	12" - 3000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 3000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - While Drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - While Drilling 8-3/4" hole
16	13-5/8" - 5000 psi - Hydraulically Operated - Cameron Type U - Ram Type BOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studded Adapter Flange

Well Name 1-12 A6
 Field WILDCAT
 County DUCHESNE
 State UTAH

Attachment No. _____

**GENERAL LAYOUT
CHOKE MANIFOLD, CHOKE DISCHARGE LINES**



No.		Min. Size	Type	Press. Rating
1	Line from drilling spool	2"	Flgd XXII	3M wp
2	Cross <u>2 x 2</u> <u>2 x 2</u>		Flgd Steel	3M wp
3	Gate Valves	2"	*CIW F	3M wp
4	Gate Valve	2"	*CIW F	3M wp
5	Pressure Gauge	2"	*CIW	3M wp
6	Gate Valves	2"	*CIW	3M wp
7	Adjustable Choke	2"	*H-2	3M wp
8	Adjustable Choke	2"	*H-2	3M wp
9	Lines to Reserve Pit	*2"	tubing	
10	Line to Reserve Pit	*2"	tubing	
11	Gate Valves	2"	*CIW C	
12	Lines to Mud Pit	*2"	tubing	
13	Lines to Reserve Pit	*2"	tubing	

*or equivalent

Well Name UTE 1-12A6

Field WILDCAT

County DUCHESNE

State UTAH

Attachment No. _____

PLANNED
CASING, CEMENTING AND MUD PROGRAMS

CONDUCTOR CASING at approx. 150 '

<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
<u>13 3/8"</u>	<u>54.5#</u>	<u>K-55</u>	<u>ST&C</u>	<u>150'</u>	<u>NEW</u>

Cement to be: TO SURFACE

SURFACE CASING at approx. 4500 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
<u>1</u>	<u>9 5/8"</u>	<u>36#</u>	<u>K-55</u>	<u>LT&C</u>	<u>4500'</u>	<u>NEW</u>

Cement to be: LOWER 1500' + 600FT³ SURF. SQUEEZE

PROTECTIVE/PRODUCTION CASING at approx. _____ ' NONE ANTICIPATED

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>

Cement to be:

PRODUCTION LINER at approx. NONE '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>

Cement to be:

Max. Anticipated BHP: 5630 psi @ 13,000 ft.

Well Name UTE 1-12A6

Drilling Fluid: WATER - WATER BASED
GEL/CHEMICAL MUD

Field WILDCAT

County DUCHESNE

State UTAH

Attachment No. _____

June 2, 1975

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Re: Well No. Ute #1-12A6
Sec. 12, T. 1 S, R. 6 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted. Said approval, however, is conditional upon the following:

- a) A written statement indicating the reason for this unorthodox location as pertaining to Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.
- b) Written notification that Shell Oil owns or controls all acreage within a 660' radius of the proposed well site.

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
HOME: 466-4455
OFFICE: 328-5771

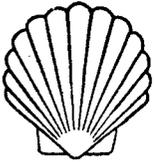
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30384.

Very truly yours,

CLEON B. FEIGHT
DIRECTOR

CBF:sw



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

June 4, 1975

Subject: Stipulation

District Oil and Gas Engineer
U. S. Geological Survey
Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138

Dear Sir:

Shell Oil Company is the owner of U. S. Oil and Gas Lease TL 14-20-H62-2771, and proposes to drill a well on the leased premises to test for oil and gas at a location in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 12, T1S, R6W, U.S. Mer., Duchesne County, State of Utah, 615' from south line and 1386' from west line of Section 12.

Section 221.20 of the Federal Oil & Gas Regulations requires that no well be drilled less than 200' from the boundary of any legal subdivision without the written consent of the Supervisor, U. S. Geological Survey. The proposed location is approximately 66' from the west boundary line of the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 12, but is considered to be necessary because of topography. Location selection approved by the B.I.A. (Mr. Joe Thompson) in order to move a maximum distance from Rock Creek. Therefore, Shell Oil Company, lessee, requests the consent of the Supervisor to the drilling of the proposed well at the above described location. In consideration of such consent, Shell Oil Company, lessee hereby expressly covenants and agrees that he will make no separate assignments of the SE $\frac{1}{4}$ SW $\frac{1}{4}$ and the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 12, T1S, R6W, U.S. Mer., and that he will keep the two described subdivisions under joint assignment until the above mentioned well has been plugged and abandoned with the approval of the Supervisor.

Very truly yours,

L. G. Roark
Division Operations Manager
Rocky Mountain Operations Office

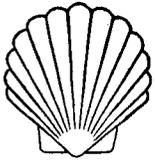
cc: Surface Management Agency
Bureau of Indian Affairs
Ft. Duchesne, Utah 84026

cc: B & G NRMA, CASPER w/ APR by APD
LOGCC, UTAH ATTN: CLEON FEIGHT (YOUR LETTER 6/2/75)

cc: B & G NRMA (copy w/ agency APD)

PI PI

JLS



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

June 9, 1975

Subject: Well No. Ute 1-12A6
Sec. 12, T1S, R6W
Duchesne County, Utah

[Handwritten initials]

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention Mr. Cleon B. Feight

Gentlemen:

With reference to your conditional approval to drill the captioned well on an unorthodox location pending our reasons for selection of this location we offer the following:

Our geological preference was a legal location in the center of the SE/4 SW/4 of Section 12; however, it was moved primarily to allow for greater protection against pollution of Rock Creek by providing adequate room for construction of additional pits and/or dikes.

Shell also controls surrounding acreage in excess of the 660' radius requirement.

Please advise us if you desire further information.

Very truly yours,

[Handwritten signature: L. G. Roark]

L. G. Roark
Division Operations Office
Rocky Mountain Operations Office

KWL:cc

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved. Budget Bureau No. 42-2355.5

14/8

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. RESRV. Other P&A

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1386' FWL & 615' FSL Section 12
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30384 DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-12A6

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/4 SW/4 Section 12-T1S-R6W

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 8/25/75 16. DATE T.D. REACHED 11/1/75 17. DATE COMPL. (Ready to prod.) _____ 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6777 KB 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 10,295 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY Rotary ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Well P&A 25. WAS DIRECTIONAL SURVEY MADE _____

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL, Sonic GR w/Cal, Dipmeter w/Cal 27. WAS WELL COBED _____

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
*					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Well History and Csg & Cmt'g Details

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

SIGNED J.W. Linnell TITLE Div. Opers. Engr. DATE 11/5/75

*See Attachments *(See Instructions and Spaces for Additional Data on Reverse Side)
cc: Oil & Gas Conservation Commission w/attachments

K

PI

9

FORM OGC-8-X
FILE IN QUADRUPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Ute 1-12A6

Operator Shell Oil Company

Address 1700 Broadway
Denver, Colorado 80202

Contractor Brinkerhoff Drilling Company, Inc.

Address Denver Club Building
Denver, Colorado 80202

Location SE 1/4, SW 1/4, Sec. 12 ; T. 1 ~~N~~_S R. 6 ~~E~~_W Duchesne County

Water Sands:

	<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
	<u>From-</u>	<u>To-</u>	<u>Flow Rate or Head -</u>	<u>Fresh or Salty -</u>
1.	<u>1600'</u>	<u>1610'</u>	<u>100 to 140 B/H</u>	<u>Fresh</u>
2.				
3.				
4.				
5.				

(Continue on Reverse Side if Necessary)

Formation Tops:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
 (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
 (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI
(Other instructions
reverse side)

E*
re

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-12A6

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SE/4 SW/4 Section 12-
T1S-R6W

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Shell Oil Company

3. ADDRESS OF OPERATOR
1700 Broadway, Denver, Colorado 80202

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

1386' FWL & 615' FSL Section 12

14. PERMIT NO.

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

6777 KB

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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)

PULL 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.)*

Verbal approval to plug well received from E. W. Guynn 10/31/75.

13-3/8" csg @ 309' cemented to surface

9-5/8" csg @ 5209' cemented to surface

Cement plugs placed as follows:

9920-9770 (110 sx)

7209-7059 (110 sx)

5225-5125 (90 sx)

10 sx @ surface

Installed abandonment marker

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

SIGNED

J. W. Guinn

TITLE

Div. Oper. Engr.

DATE 11/5/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL PLUGGED AND ABANDONED

SADIES AREA

SHELL-GULF

LEASE UTE
DIVISION WESTERN
COUNTY DUCHESNEWELL NO. 1-12A6
ELEV 6777 KB
STATE UTAH

FROM: 8/25/75 - 11/3/75

UTAHSADIES AREAShell-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR"FR" 74/90/1/74. Drlg. Located 1386' FWL and 615' FSL,
SE/4 SW/4 Section 12-T1S-R6W, Duchesne County, Utah
Elev: 6755' GL
Shell's Working Interest: ~~100%~~ ^{50%}
Spudded 3 a.m. 8/25/75

AUG 25 1975

Shell-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'310/90/2/236. NU BOP's. Ran & cmt'd 8 jts 13-3/8" K-55
ST&C csg w/450 cu ft (390 sx) Class "G" w/3% CaCl₂. Shoe
@ 309', FC @ 269'. CIP @ 10:50 p.m. 8/25/75. Dev: 0
deg @ 102', 1-1/4 deg @ 300'.
Mud: (.468) 9.0 x 66 x 10.2

AUG 26 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'349/90/3/39. Drlg.
(Correction to rept of 8/25/75: Shell's Working Interest -
50%)
Mud: (.431) 8.3 x 26

AUG 27 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'1567/90/4/1218. Drlg. Dev: 1/2 deg @ 610', 1 deg @ 1230'.
Mud: (.431) 8.3 x 26

AUG 28 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'2185/90/5/618. Drlg.
Mud: (.431) 8.3 x 26

AUG 29 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

8/30: 2362/90/6/177. Bld wt to 10#. Reserve pit run'g
er; 6" wtr flw @ flowline. Mi. d 500 bbls 9.0# mud &
pmp'd in hole - 8.8 out. Installed press gauge w/well
SI. Had 120# press. Mixed & pmp'd 9.3# holding back press
on rot head. Wtr still flw'g. Pmp'd 9.5# mud holding back
press on rot head - had 9.4 out; still flw'g. Built wt to
10.0# w/well SI & 80# on annulus. (Note: hit 20' wtr sd @
1600')

Mud: (.473) 9.1 x 43 x 9.6

8/31: 2362/90/7/0. Bld'g mud vol. Pmp'd in 10# & 10.3#
mud; could not kill wtr flow. Pmp'd in 13.0# mud & killed
wtr flow. Circ'd hole & built mud vol for trip @ 2362'.

Mud: (.676) 13.0 x 45 x 7.8

9/1: 2438/90/8/76. Bld'g mud vol for trip. Changed out
btm hole DC. CO 60' to btm. Drl & work on pmps. Drlg @
#1 pmp; losing mud. Cut wt back from 13.0# to 12.5#.

Drlg @ #1 pmp. Dev: 2 deg @ 2350'.

Mud: (.644) 12.4 x 48 x 6

9/2: 2590/90/9/152. Drlg. Tripped for Bit #5 @ 2438.
Drl & cut mud wt. from 12.5 to 11.

Mud: (.572) 11.0 x 40 x 5.6

SEP 02 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

2670/90/10/80. Trip'g. Well started flw'g w/11# mud.
Killed wtr flw w/11.5# mud. Dev: 1 deg @ 2600'.

Mud: (.592) 11.4+ x 45 x 4.8

SEP 03 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

2787/90/11/117. Drlg.

Mud: (.598) 11.5 x 42 x 3

SEP 04 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

2900/90/12/113. Drlg.

Mud: (.598) 11.5 x 40 x 1.9

SEP 05 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

9/6: 3027/90/13/127. Trip for bit.

Mud: (.603) 11.6 x 40 x 2.8

9/7: 3137/90/14/110. Trip for bit. Dev: 1/2 deg @ 3005'.

Mud: (.598) 11.5 x 40 x 3.0

9/8: 3232/90/15/95. Drlg.

Mud: (.598) 11.5 x 40 x 2.6

SEP 08 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

3372/90/16/140. Drlg.

Mud: (.608) 11.7 x 43 x 3.2

SEP 09 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

3725/90/17/353. Drlg. Displaced mud in hole w/wtr. Dev:
1-1/2 deg @ 3392'.
Mud: Water

SEP 10 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

4067/90/18/342. Wash'g & ream'g. Wtr prod'g @ 3.5 B/M.
Dev: 1-1/2 deg @ 4037'.
Mud: Water

SEP 11 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

4515/90/19/448. Drlg.
Mud: Water

SEP 12 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

9/13: 4844/90/20/329. Trip'g. Dev: 3-1/2 deg @ 4535',
4-1/2 deg @ 4815'.
9/14: 5128/90/21/284. Drlg.
9/15: 5200/90/22/72. CO to btm.
Mud: (.618) 11.9 x 44 x 3.8

SEP 15 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

5210/90/23/0. Change out Schl panel. Reamed tight hole
to btm & circ'd hole. (SLM 5210) Ran DIL & stopped @ 1700.
WIH; circ'd hole & built vis to 60 sec. POOH. Ran DIL to
5200. Schl recorder failed; changed out same. Dev: 3-1/2
deg @ 5180.
Mud: (.618) 11.9 x 59 x 3.8

SEP 16 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'

5210/90/24/0. Changing out traveling blocks & hook. WIH
w/DIL from 5204-309. Ran Sonic GR w/Cal; tool stopped @
2700. WIH w/bit & circ & cond mud. POOH. Ran Sonic GR
w/Cal #2 from 5204-309. Ran dipmeter w/Cal from 5204-309.
Reran 500' of DIL & RD Schl.
Mud: (.618) 11.9 x 59 x 3.8

SEP 17 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

5210/90/25/0. WOC; prep to ND. Ran 129 jts 9-5/8" 36#
K55 LT&C csg. Shoe @ 5209, FC @ 5124 & DV Tool @ 1749.
Baskets placed 2 jts below DV collar. Cmt'd 1st stage
w/1565 cu ft BJ Lite followed w/205 cu ft "G". Plug in
place @ 12:15 a.m. 9/18. Circ'd 2 hrs. Cmt'd 2nd stage
after dropping bomb w/925 cu ft "G" w/3% CaCl2 followed
w/700 cu ft BJ Lite w/3% CaCl2. Plug in place @ 4:50
a.m. 9/18. Had full returns during cmt'g. No cmt returns
to surface.
Mud: (.613) 11.8 x 60 x 3.2 (4.5#/bbl LCM)

SEP 18 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

5210/90/26/0. Prep to cut off csg. Pmp'd 260' wtr
between 9-5/8 & 13-3/8; well started flw'g. Sqz cmt'd
w/250 sx Class "G" 3% CaCl2. Pmp'd in @ 1/2 B/M @ 350
psi. SI 4 hrs. Opened valve; cmt not set. Shut in 5
hrs, cmt ok.
Mud: (.431) 8.3 x 26

SEP 19 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9/20: 5210/90/27/0. Drlg or °C.
Mud: (.431) 8.3 x 26
9/21: 5541/90/28/331. Drlg. Dev: 3-3/4 deg @ 5511'.
Mud: (.431) 8.3 x 26
9/22: 6002/90/29/461. Repairing pmps. Dev: 4 deg @ 5820'.
Mud: (.431) 8.3 x 26

SEP 22 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

6313/90/30/311. Survey'g. Dev: 5-1/2 deg @ 6080'.
BG: 3-6, DT: 35-210.
Mud: (.431) 8.3 x 26

SEP 23 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

6523/90/31/210. Drlg. Dev: 5 deg @ 6300'. BG: 8-10,
Conn: 20, Trip: 350.
Mud: (.431) 8.3

SEP 24 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

6975/90/32/452. Drlg. Dev: 5-3/4 deg @ 6648' & 6 deg @
6824'. BG: 2-10, Conn: 10-13.
Mud: (.431) 8.3

SEP 25 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

7320/90/33/345. Drlg. Dev: 6 deg @ 7085', 7 deg @ 7260'.
BG: 5-10, Conn: 3.
Mud: (.431) 8.3

SEP 26 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9/27: 7336/90/34/16. Wash, ream & circ.
Mud: (.488) 9.4 x 30 x 42
9/28: 7422/90/35/86. Drlg. Dev: 10-1/2 deg @ 7388'.
BG: 4-10, Conn: 4-10, Trip: 41.
Mud: (.483) 9.3 x 46 x 9.6
9/29: 7538/90/36/116. Drlg. Dev: 11 deg @ 7442' & 12 deg
@ 7500'. BG: 2-11, Conn: 3-16, DT: 5.
Mud: (.494) 9.5 x 44 x 11

SEP 29 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

7643/90/37/105. Drlg. Dev: 12 deg @ 7595'. BG: 3-11,
Conn: 11, Survey DT: 11.
Mud: (.494) 9.5 x 40 x 11.0

SEP 30 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

/758/90/38/115. Drlg. Dev: 10 deg @ 7690'. BG: 4-12,
Conn: 12.
Mud: (.494) 9.5 x 40 x 9.0

OCT 01 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

7830/90/39/72. RU core barrel. Dev: 12 deg @ 7813'.
BG: 7, Conn: 13.
Mud: (.494) 9.5+ x 40 x 11.4.

OCT 02 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

7854/90/40/24. Drlg.
Mud: (.499) 9.6+ x 52 x 8.8

OCT 03 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10/4: 7888/90/41/34. Drlg. Dev: 10-1/2 deg @ 7880'.
BG: 5, Conn: 0, Trip: 18.

Mud: (.494) 9.5+ x 42 x 9.8

10/5: 7997/90/42/109. Drlg. BG: 5, Conn: 5, Trip: 10.

Mud: (.494) 9.5 x 42 x 8.2

10/6: 8149/90/43/152. Drlg. Dev: 8 deg @ 8000' & 10-1/2
deg @ 8062'. BG: 2-9, Conn: 15, Trip: 68.

Mud: (.494) 9.5 x 35 x 8.2

OCT 06 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

8310/90/44/161. Drlg. Dev: 9 deg @ 8155' & 8-1/2 deg @
8231'. BG: 15, Conn: 0, Trip: 37.

Mud: (.499) 9.6+ x 42 x 8.2

OCT 07 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

8484/90/45/174. Drlg. Dev: 9 deg @ 8310' & 9-1/2 deg @
8424'. BG: 8-15, Conn: 0, Trip: 31.

Mud: (.499) 9.6+ x 43 x 9.0

OCT 08 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

8664/90/46/180. Drlg. Dev: 10 deg @ 8503'. BG: 4-14,
Conn: 7.

Mud: (.499) 9.6 x 40 x 7.2

OCT 09 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

8796/90/47/132. Drlg. Dev: 11-3/4 deg @ 8699' & 10 deg @
8770. BG: 10-14, Conn: 0, Trip: 27.
Mud: (.499) 9.6 x 42 x 7.8
OCT 10 1975

SADIES AREA

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

OCT 13 1975

10/11: 9019/90/48/223. Drlg. Dev: 11 deg @ 8865',
10 deg @ 8966', BG Gas 6-11, Down Time 11 Units.
Mud: (.499) 9.6 x 43 x 8.6.
10/12: 9184/90/49/165. Drlg. Dev: 10-1/4 deg @ 9034',
11 deg @ 9120', BG Gas 8, DT 12, Trip 24.
Mud: (.499) 9.6 x 40 x 8.2.
10/13: 9240/90/50/56. Coring. POOH and picked up
Christensen Diamond Core Bbl. Dev: 12-1/2 deg at 9212',
TG 24, BG Gas 5-8.
Mud: (.499) 9.6 x 41 x 6.8

SADIES AREA

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9264/90/51/24. Prep to Log. Rec 24' core. Schl
attempted to run DIL, unable to get below 7458. Circ
& cond mud. BG Gas 6-8, Trip Gas 17.
Mud: (.504) 9.7 x 49 x 5.2.
OCT 14 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9285/90/52/21. Tripping in hole. Schl ran DIL 9244-5208.
Attempted to run Eastman Gyro Survey, Tool failed. Ran
Eastman Multishot.
Mud: (.509) 9.8 x 49 x 4.2.
OCT 15 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9402/90/53/117. Drilling. Dev: 11-3/4 @ 9364.
BG Gas 4-11, Conn Gas 13, Trip Gas 18.
Mud: (.499) 9.6 x 41 x 6.2.
OCT 16 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9464/90/54/62. Drilling. Dev: 14-1/2 deg @ 9445,
BG Gas 5-10, Conn Gas - 0, Trip Gas - 41.
Mud: (.488) 9.4 x 44 x 6.6.
OCT 17 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

18: 9646/90/55/182. Drlg. : 5-10, Conn: 0. Dev:
13 deg @ 9551'.
Mud: (.488) 9.4 x 41 x 7.6
10/19: 9680/90/56/34. Trip'g. BG: 2-10, Conn: 0, Trip:
64. Dev: 16 deg @ 9680'.
Mud: (.494) 9.5 x 40 x 6.6
10/20: 9761/90/57/81. Drlg. Washed 40' to btm. BG:
10, Conn: 0.
Mud: (.488) 9.4 x 42 x 6.6

OCT 20 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9842/90/58/81. Drlg. Dev: 15 deg @ 9786'. BG: 1-10,
Conn: 0, DT: 10.
Mud: (.494) 9.5 x 40 x 6.6

OCT 21 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9932/90/59/90. Drlg. Dev: 15-1/2 deg @ 9869'. BG: 3-10,
Conn: 0, DT: 10.
Mud: (.488) 9.4 x 40 x 7.2

OCT 22 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

9989/90/60/57. Drlg. Dev: 16 deg @ 9940'. BG: 10, Conn:
0, Trip: 165.
Mud: (.488) 9.4 x 41 x 7.8

OCT 23 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10,025/90/61/36. Drlg. Dev: 15 deg @ 9993'. BG: 5-9,
Conn: 0, Trip: 46.
Mud: (.494) 9.5+ x 44 x 7.4

OCT 24 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10/25: 10,115/90/62/90. Drlg. BG: 2-9, Conn: 8.
Mud: (.499) 9.6 x 48 x 6.6
10/26: 10,200/90/63/85. Prep to log. BG: 2-10, Conn 0,
Short Trip: 14. Dev: 16 deg @ 10,150'.
Mud: (.494) 9.5 x 54 x 6.2 (6#/bb1 LCM)
10/27: 10,206/90/64/0. CO. Ran DIL to 7334; unable to
get deeper. (Strap out of hole - 6' corr)
Mud: (.499) 9.6 x 58 x 5.4

OCT 27 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10,206/90/65/0. Log'g w/Schl. Ran DIL, BHC Sonic & CNL/FDC
from 10,184'.
Mud: (.509) 9.8+ x 64 x 4.8 (25#/bb1 LCM)

OCT 28 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10,206/90/66/0. Log'g. Ran Dip Meter, Seismic Survey &
reran Dip Meter. Ran 30 side wall cores & rec'd 17.
Mud: (.509) 9.8 x 64' x 4.8 (25#/bbl LCM)

OCT 29 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10,223/90/67/17. Trip'g. Rec'd 34 of 53 side wall cores;
lost 11 bullets in hole & 8 empty. BG: 6-8, Trip: 6-10.
Mud: (.525) 10.1 x 57 x 3.4 (21#/bbl LCM)

OCT 30 1975

Shell-Gulf-Ute 1-12A6
(WC) Brinkerhoff #57
13,000' Wasatch Test
EL 6755' GR
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

10,283/90/68/60. Drlg. BG: 4-8, Conn: 0, Trip: 13.
Mud: (.525) 10.1 x 57 x 4.2 (2.1#/bbl LCM)

OCT 31 1975

Shell-Gulf-Ute 1-12A6
(WC)
13,000' Wasatch Test
KB 6777'
13-3/8" csg @ 309'
9-5/8" csg @ 5209'

TD 10,295. LD DP. Set plugs from 9920-9770 w/125 cu ft
(110 sx) Class "G", 7209-7059 w/125 cu ft (110 sx) Class
"G" and 5225-5125 w/100 cu ft (90 sx) Class "G". 10 sx
plug @ surface. Dev: 15 deg @ 10,295'. Released rig @
12 noon 11/2/75. INSTALLED ABANDONMENT MARKER.

Log-Tops:	Tertiary	0-6980
	Mancos	6980 (-203)
	Frontier	9270 (-2493)
	Mowry	9770 (-2993)
	Dakota	9946 (-3619)
	Morrison	10,185 (-3408)

FINAL REPORT

NOV 03 1975

CASING AND CEMENTING

Field Sadies Area Well Ute 1-12A6
 Job: 13-3/8 " O.D. Casing/Liner. Ran to 309 feet (KB) on 8/25/, 197 5

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	21.00
8	54.5#	K-55	ST&C	New	286.20		307.20
Davis Lynch Shoe					1.80		309.00

Casing Hardware:

Float shoe and collar type Davis Guide Shoe
 Centralizer type and product number Weatherford
 Centralizers installed on the following joints 303', 275', 231'
 Other equipment (liner hanger, D.V. collar, etc.) _____

Cement Volume:

Caliper type _____ . Caliper volume 225 ft³ + excess over caliper
225 ft³ + float collar to shoe volume 450 ft³ + liner lap _____ ft³
 + cement above liner _____ ft³ = _____ ft³ (Total Volume).

Cement:

Preflush—Water 10 bbls, other _____ Volume _____ bbls
 First stage, type and additives Class "G" w/3% CaCl2 . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume 390 sx. Pumpability _____ hours at _____ °F.
 Second stage, type and additives _____ . Weight _____ lbs/gal, yield _____
 ft³/sk, volume _____ sx. Pumpability 1 hours at _____ °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate 7 B/M
 Percent returns during job 100%
 Bumped plug at 10:50 AM/PM with _____ psi. Bled back 1/2 bbls. Hung csg
 with _____ lbs on slips.

Remarks:

Drilling Foreman C. Grady
 Date 8/25/75

CASING AND CEMENTING

Field Sadies Area Well Ute 1-12A6
 Job: 9-5/8 " O.D. Casing/Liner. Ran to 5209 feet (KB) on 9/18/ , 197 5

Jts.	Wt.	Grade	Thread	New	Feet	From	To
						KB	CHF
						CHF	22.00
42	36#	K-55	LT&C	New	1,727.31		1,749.31
Halliburton DV Tool					3.37		1,752.68
85	36#	K-55	LT&C	New	3,371.35		5,124.03
Halliburton Diff Float Collar					2.27		5,126.30
2	36#	K-55	LT&C	New	82.26		5,208.56
Halliburton Conventional Guide Shoe					1.15		5,209.71

Casing Hardware:

Float shoe and collar type Halliburton Conventional Shoe & Diff Float Collar
 Centralizer type and product number Halliburton Latch-on
 Centralizers installed on the following joints 6' above shoe, 3rd jt, 5th jt, 7th jt, one each top & btm of DV tool
 Other equipment (liner hanger, D.V. collar, etc.) DV collar @ 1749 w/2 metal baskets 2 jts below tool.

Cement Volume:

Caliper type Dipmeter . Caliper volume _____ ft³ + excess over caliper
600 ft³ + float collar to shoe volume 205 ft³ + ~~excess~~ D. V. tool 1565 ft³
 tool to surface + cement above liner 1625 ft³ = 3395 ft³ (Total Volume).

Cement:

Preflush-Water 20 bbls, other 10 bbls @ DV tool _____ bbls
 First stage, type and additives BJ Lite _____ 12.4 _____ 3.04
Class "G" . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume 695 sx. Pumpability 3 hours at 110 °F.
 Second stage, type and additives BJ Lite w/3% CaCl2 _____ 12.4 _____ 3.04
Class "G" w/3% CaCl2 . Weight 15.9 lbs/gal, yield 1.14
 ft³/sk, volume 1041 sx. Pumpability 3 hours at 110 °F.

Cementing Procedure:

Rotate/reciprocate _____
 Displacement rate 4-6 B/M
 Percent returns during job Approx 90%
 Bumped plug at 12:15 AM/PM with 1800 psi. Bled back 2-1/2 bbls. Hung csg
 with 4:50 lbs on slips. 1800 1-1/2

Remarks:

Sqz'd 285 cu ft (250 sx) Class "G" w/3% CaCl2 between 9-5/8 & 13-3/8 for top job & wtr shut off.

Drilling Foreman C. Grady
 Date 9/19/75

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

SHELL Oil Co.
 Ute 1-12A6 SESW
 Sec 12-1s-6w
 Duchesne Co. Utah
 14-20-462-2771
 6-9-75.

BIA - Valverde
 USGS - ALEXANDER
 SHELL - Hellicus
 Enhance
 No Effect
 Minor Impact
 Major Impact

	Construction			Pollution			Drilling Production			Transport Operations			Accidents		Others			
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others		Trucks	Pipelines	Others

Land Use	Forestry	NA																		
	Grazing	✓ 0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Wilderness	NA																		
	Agriculture	NA																		
	Residential-Commercial	NA																		
	Mineral Extraction	NA																		
	Recreation	✓ 0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Scenic Views	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Parks, Reserves, Monuments	NA																		
	Historical Sites	NA																		
	Unique Physical Features	NA																		
Flora & Fauna	Birds	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Land Animals	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Fish	✓ None Known	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Endangered Species	None Known																		
	Trees, Grass, Etc.	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Phy. Charact.	Surface Water	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Underground Water	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Air Quality	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Erosion	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Other																			
Effect On Local Economy	0	0						0						0						
Safety & Health	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Others	cc. Denver Casper BIA w/o Matrix State of G File																			

Lease 14-20-1162-2771

Well No. & Location Well # 1-2A6 SESW Sec 12-1s-6W
Duchesne County Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Shell oil Company proposes to drill a wildcat oil & Gas test with rotary tools to a depth of about 13,000 feet. They propose to construct a Drill pad approx 260' x 400' and dig a reserve pit approx 175' x 175', 8' deep. They also propose to build approx 500' of access road from the existing road to Drill site. They will improve approx 6 miles of existing roads.

2. Location and Natural Setting (existing environmental situation)

The well site falls approx 200' from an existing road in the most level area available. The site is gently ~~sloping~~ sloped from West to East. The location is approx 6,000 feet from Rock Creek.

The vegetation is Pinon Juniper & Sage with an understory of Native grasses.

The wildlife is the usual deer and assorted small game and predators, with no known endangered species.

The Ute Indian tribe grazes cattle here and the land is considered prime grazing land.

The area is aesthetically pleasing due to its remoteness and steep rising Canyon walls rising up from Rock Creek.

There are no known Historical Sites that would be affected and no evidence of archeological sites was noted. (closest site being 5 miles.)

3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas field would have a moderate effect in that the character of the area would be changed. If a field is developed here, careful planning should be used to avoid serious degradation.

Improvement of roads would benefit the grazing and recreation use of the area in that it would be more accessible.

There would be moderate scarring of the Now Natural area which would require 2-5 years to rehabilitate.

The drilling and associated traffic will add a minor amount of pollution to the now pure air as well as temporarily disturbing livestock and wildlife.

Discovery of an oil or gas deposit would help alleviate the current energy problems.

The roads and location construction and rehab will be conducted by a local contractor thus benefiting the local economy slightly.

4. Alternatives to the Proposed Action

Not approving the proposed permit.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. No nearby locations could be found that would justify this action.

Temporary disturbance of livestock and wild life.

Temporary mess due to drilling activity and support traffic.

Minor air pollution due to rig and support traffic -

The clearing of all vegetation of an area approx 575' X 435' including the reserve pit.

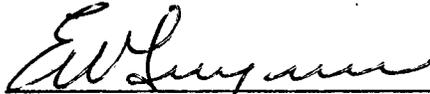
Detraction from the aesthetics.

6. Determination

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

Date Inspected 6-9-75

Inspector 


U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah



CALVIN L. RAMPTON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

1588 West North Temple

Salt Lake City, Utah 84116

CLEON B. FEIGHT
Director

May 7, 1976

Shell Oil Co.
1700 Broadway
Denver, Colorado

Re: Well No. Ute 1-12A6
Sec. 12, T. 1S, R. 6W
Duchesne County, Utah

Gentlemen:

This letter is to advise you that the electric and or radioactivity logs for the above referred to well are due and have not been filed with this office as required by our rules and regulations.

If electric and or radioactivity logs were not run on said well, please make a statement to this effect in order that our records may be kept accurate and complete.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

KATHY OSTLER
RECORDS CLERK

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.

Unit:

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
WILKERSON 1-20Z1	43-013-30942	10230	20-01N-01W	FEE	OW	S
JENSEN 1-29Z1	43-013-30725	9110	29-01N-01W	FEE	OW	P
OBERHANSLY 2-31Z1	43-013-30970	9725	31-01N-01W	FEE	OW	P
DYE 1-25Z2	43-013-30659	9111	25-01N-02W	FEE	OW	P
HORROCKS FEE 1-3A1	43-013-30171	9139	03-01S-01W	FEE	OW	S
HORROCKS 2-4A1	43-013-30954	9855	04-01S-01W	FEE	OW	P
T HORROCKS 1-6A1	43-013-30390	5790	06-01S-01W	FEE	OW	S
CADILLAC 3-6A1	43-013-30834	8439	06-01S-01W	FEE	OW	S
JOSEPH YACK U 1-7A1	43-013-30018	5795	07-01S-01W	FEE	OW	S
CURTIS BASTIAN 1 (3-7D)	43-013-30026	5800	07-01S-01W	FEE	OW	S
CHASEL 2-17A1	43-013-30732	9112	17-01S-01W	FEE	OW	P
POWELL FEE 2-19K	43-013-31149	8303	19-01S-01W	FEE	OW	P
E J ASAY FEE 1	43-013-30102	8304	20-01S-01W	FEE	OW	P
HORROCKS 2-V	43-013-30833	8301	20-01S-01W	FEE	OW	P
LAWSON 1-28A1	43-013-30358	1901	28-01S-01W	FEE	OW	P
RG DYE U 1-29A1 (CA 96-109)	43-013-30271	5815	29-01S-01W	FEE	OW	S
SUMMARELL E U 1-30A1 (CA NW-625)	43-013-30250	5820	30-01S-01W	FEE	OW	S
MCELPRANG 2-31A1	43-013-30836	2417	31-01S-01W	FEE	OW	S
LEBEAU 1-34A1	43-013-30590	1440	34-01S-01W	FEE	OW	P
CHASEL MILLER 2-1A2	43-013-30360	5830	01-01S-02W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 06/25/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 06/25/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 06/25/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8.15.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 368 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL
FOOTAGES AT SURFACE: COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

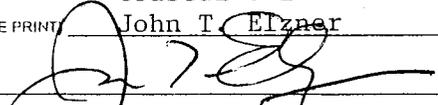
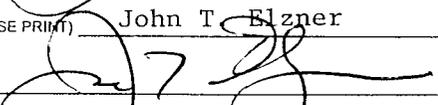
5. LEASE DESIGNATION AND SERIAL NUMBER:
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
8. WELL NAME and NUMBER:
Exhibit "A"
9. API NUMBER:
10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.
See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE  DATE 06-15-01
El Paso Production Oil & Gas Company
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President
SIGNATURE  DATE 06-15-01

(This space for State use only)

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

010162788

AUTHENTICATION: 1061007

DATE: 04-03-01

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

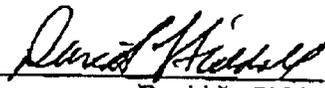
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

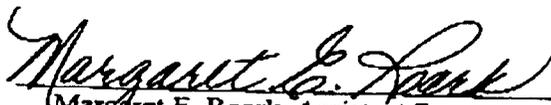
THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION


David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING