

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 and/or
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Layton Oil & Gas Production Co., Inc.

3. ADDRESS OF OPERATOR
 P.O. Box 1867, Grand Junction, Colo. 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 SE SE Sec 34-19S-23E SLB & M 570FSL 550FEL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 12 Miles North of Cisco, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 500' (lease line)

16. NO. OF ACRES IN LEASE
 40 Acs (Gas) 10 Acs (Oil)

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40 Acs (Gas) 10 Acs (Oil)

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1320'

19. PROPOSED DEPTH
 2600 SALT WASH

20. ROTARY OR CABLE TOOLS
 Rotary (Air)

21. ELEVATIONS (Show whether DF, ET, GR, etc.)
 4962' Ground Level

22. APPROX. DATE WORK WILL START*
 Feb. 1st, 1983

5. LEASE DESIGNATION AND SERIAL NO.
 U-14267 Federal

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 None

7. UNIT AGREEMENT NAME
 None

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 No. 2-34 Federal

10. FIELD AND POOL, OR WILDCAT
 Greater Cisco Area

11. SEC., T., R., M., OR BEE. AND SURVEY OR AREA
 34-19S-23E SLB & M

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	26#	160'	circulate to surface
7 7/8"	4 1/2"	10.5#	2600'	120 SK RCF

1. Designation of Operator (Attached)
2. Operations covered by Buckhorn Nationwide drilling bond issued by HA&IC- Bond #RN 4451609
3. Ten Point Plan
4. Thirteen point- surface use plan
5. Archaeological clearance attached
6. On-site inspection conducted Jan. 4, 1983 with Mr. Cody Hansen, U.S.G.S., and Mr. Paul Brown, B.L.M., present. All changes to the APD have been agreed upon and are incorporated herewith.

DIVISION OF OIL GAS & MINING

JAN 27 1983

RECEIVED

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 Judy L. McBurnell TITLE Manager DATE 12/29/82

(This space for Federal or State office use)

PERMIT NO. 43-019-31032

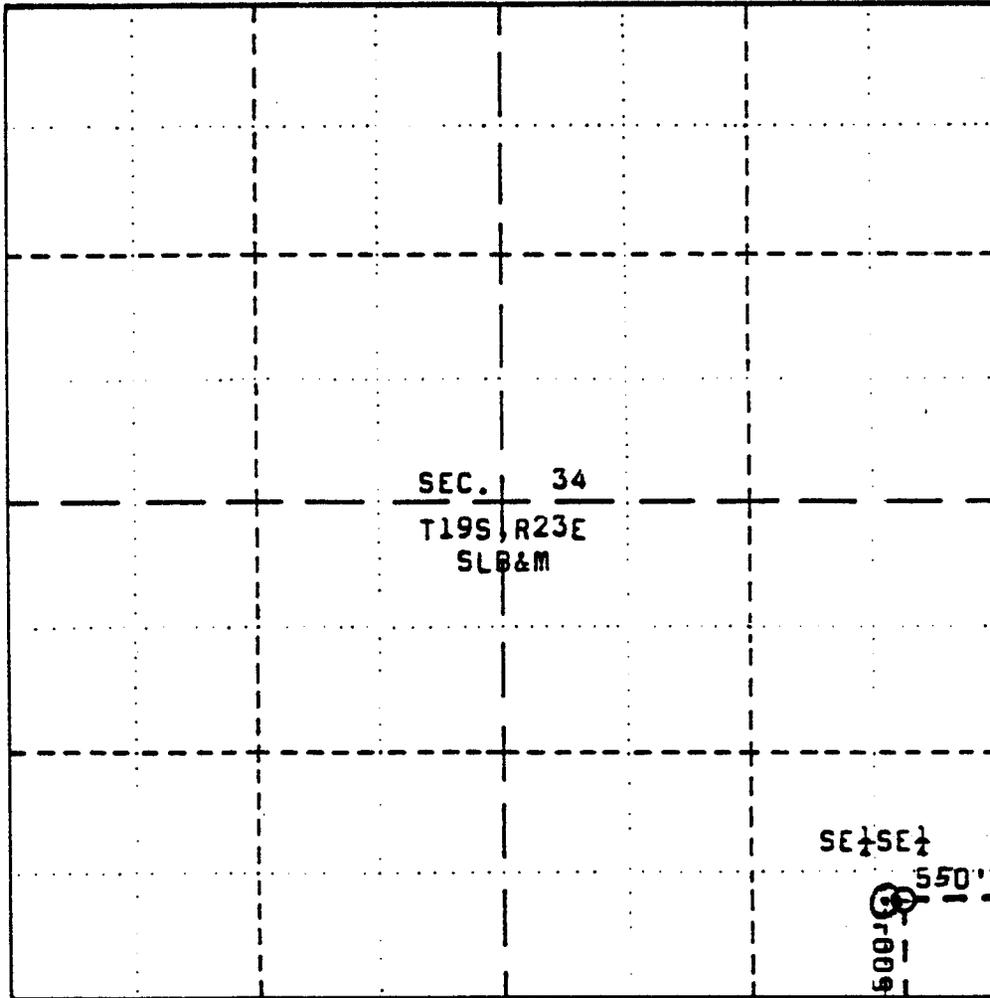
APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 1-28-83
Thomson Stout

*See Instructions on Reverse Side



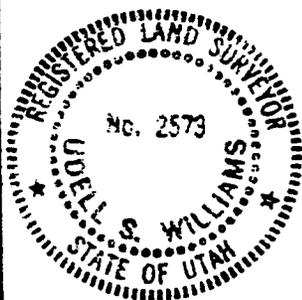
SCALE: 1" = 1000'

BOWERS-LAYTON #2-34

Located North 500 feet from the South boundary and West 550 feet from the East boundary of Section 34, T19S, R23E, SLB&M.

Elev. 4962

Grand County, Utah



SURVEYOR'S 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

UTAH R.L.S. NO. 2573



JUEL S. WILLIAMS
751 Road Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

BOWERS-LAYTON #2-34
SE 1/4 SE 1/4 SECTION 34
T19S, R23E, SLB&M

SURVEYED BY: USW DATE: 11/22/82
DRAWN BY: USW DATE: 11/23/82



December 29, 1982

Ten point plan to comply with NTL-6
(Supplement to 9-331 C)

Well Name: Layton Oil & Gas Production Co. 2-34
SE SE Sec 34-19S-23E SLB & M
Federal Oil & Gas Lease U-14267
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	2150'
Dakota	2196'
Morrison	2420'
Salt Wash	2616'

3. Estimated depth at which water, oil and/or gas is anticipated

Water - from scattered gravel beds from surface to 100' if any

Oil or gas - any of the geological sections noted above

4. Proposed casing program

See Paragraph 23 of 9-331 C

5. Pressure control details

a. Shaffer double BOP with rams 3,000 psi (Hyd closing unit)
tested to 1,000 psi after surface pipe is cemented, then
daily thereafter (Exhibit "A")

b. Grant rotating head above BOP

c. Full shut-off valve on wellhead and exhaust line, see attached
diagram

6. Drilling mud and weight material program

Plans call for air drilling to total depth, adding soap to mist if
necessary. If excessive formation water, oil or gas is encountered,
the hole will be mudded up with 100 Vis. 8.2 to 10# starch base
drilling mud with KCL added. Well will then be drilled to total
depth.



Layton Oil & Gas Production Co. 2-34
Page Two

If total depth is reached with air and/or mist, the same mud up program will be followed to condition the hole for logging. Mud will be mixed and ready for use before reaching the Dakota formation, the first prospective pay zone.

7. Auxillary equipment

- | | |
|------------------------------------|--|
| a. Demco kelly cocks | b. Check valve above bit |
| c. Visual monitoring of mud system | d. Sub on rig floor with full opening valve, to be stabbed into drill pipe when kelly is out of the drill string |

8. Testing and logging program

- a. No formation tests anticipated
- b. Cuttings to be examined for hydrocarbon shows
- c. Exhaust line to be equipped with flare to ignite any hydrocarbons as they might occur
- d. Dual induction and density log to be run to total depth if hole conditions permit

9. Anticipated abnormal pressures or temperatures

No abnormal conditions expected - estimated bottom hole pressure for the area is about 35% of total depth, i.e., @ 3,000' a bottom hole pressure of 1,050# could be expected, the surface pressure would be less. No toxic gases, such as H₂S are expected.

10. Anticipated starting date and duration of operations

On or about Feb. 1st, 1983
Entire drilling and completions not to exceed two weeks once drilling is commenced.



December 29, 1982

Surface Use Plan (NTL-6)

Well Name: Layton Oil & Gas Production Co. 2-34
Location: SE SE Sec 34-19S-23E SLB & M
Grand County, Utah
Federal Lease No.: U-14267

1. Existing Roads

- a. Proposed location shown on attached plat - Exhibit "B"
- b. Layton Oil & Gas Production Co. 2-34 is located approximately 12 miles NNW of Cisco, Utah and can be reached by taking the East Cisco Exit on I-70, thence out the Cottonwood Wash road about 7 miles. An access road going off to the south begins there - follow that road about 1/8 miles to the location.
- c. The roads mentioned above are color coded on Exhibit "B" and the access road from the Layton 2-34 is center flagged.
- d. The Layton 2-34 is classified as a exploration well.
- e. Roads within a one mile radius of this location are shown on the attached Exhibit "B".
- f. No improvements are needed or planned on existing roads while drilling is being conducted. When development is completed, road to tank battery will be upgraded with ditch and crown and gravelled, with sufficient water control/drainage design.

2. Planned Access Road

Access road will be limited to an allowable travel surface width of 16 feet, (Class III), flat bladed for preliminary development, to be upgraded to existing road design after development, if production is established. (See Exhibit B-1 for details).

3. Location of Existing Wells

Exhibit "B" shows the wells within one mile of the proposed location. Most of the wells shown have either been plugged and abandoned or are shut-in waiting to be worked over.



Surface Use Plan (NTL-6)
Layton #2-34
Page Three

6. Source of Construction Materials

- A. No construction materials, such as, sand, gravel and soil will be required other than native material found in place on the location.
- b. No Federal or Indian lands will be the source of construction materials, if any are needed.
- c. In the event of oil production, a gravel pad will be used under the tank battery and such gravel will be hauled to the location by private contractor.
- d. Does not apply since no materials will be from Federal or Indian lands.

7. Methods of Handling Waste Disposal

- a. Cuttings - returns from air drilling will be exhausted into a pit at the end of the exhaust line, with dust being controlled by injecting a mist into the exhaust line. After operations are completed, the pit will be back filled and covered. This pit will be located at least 125' from the wellhead.
- b. Drilling fluids - to be contained in one 10' x 30' steel mud tanks. An exhaust pit will be dug to contain any excess flow from the well that might occur during drilling, cementing and/or completion operations. A berm or a backstop on the backside of the exhaust pit will be constructed for fire control. The pits will be back filled after operations are completed except those needed in connection with the production of oil or gas. If pits are too wet to back fill, they will be fenced until such time as they are filled. Pits to be used in connection with production will be fenced.
- c. Produced fluids, such as oil and water - oil will be properly stored in tanks erected for that purpose and water will be diverted into a pit and be disposed of as required by the amounts involved. NTL-2B will be followed in the disposition of produced fluids.
- d. Sewerage - a chemical toilet will be provided on the location for use by personnel.
- e. Garbage and other waste material - a trash cage will be on location during drilling. All trash and garbage will continuously be put in cage.



Surface Use Plan (NTL-6)
Layton #2-34
Page Four

- f. Well site clean up - well site and pad will be properly cleaned up and restored to a smooth contour when operations are completed and drilling rig is moved off location. This task will occur within 30 days after the pad is cleared. The only part of the pad that will be kept in use is that associated with producing facilities. In the event of a dryhole, only the required dry-hole marker will remain.

8. Ancillary Facilities

There will be no field camp nor is an airstrip required for this operation.

9. Well Site Layout

- a. A plat on a 1" = 50' is attached to this plan as Exhibit "D" which shows the following:
1. Cross-section of drill pad is not shown since the rise in elevation is nil and no cuts or fills will be required to set up the rig.
 2. Location of mud tanks, reserve pit and trash cage is shown, as well as pipe racks, living facilities and soil stockpile.
 3. Rig orientation, parking areas and access road is also shown.

10. Plans to Restore the Surface

- a. Upon completion, the entire pad not needed to produce the well will be restored, including backfilling and leveling of pits, waste disposed of and spoils material segregated, if required. The pad will then be contoured to its original contours.
- b. If the well is abandoned, the pad and access road will be revegetated and rehabilitated during the month of October or November as required by the BLM.
- c. Any remaining pits will be fenced and maintained after the location is cleared if the well is productive.
- d. If there is any oil on the pits, it will either be removed by truck or covered, then the pits will be flagged on the surface.
- e. Commencement and completion of rehabilitation operations will be completed during the month of October or November, weather permitting. Seeding program set out in 4 (c) above.



Surface Use Plan (NTL-6)
Layton #2-34
Page Five

11. Other Information

- a. This location is located on a level area between a series of washes. The surface is raw mancus shale with sparce vegetation, consisting of some sage and cedar brush. Lack of ground cover limits this area to a few coyotes, deer and cottontails.
- b. From time to time, the surface is leased to sheepmen for grazing purposes by the BLM.
- c. The proximity of water has been noted in Paragraph 5 above. The nearest occupied buildings (dwellings) are located at Cisco, Utah some 12 miles south southeast.
- d. There are no known archeological, historical or cultural sites in the area. The surface management is under the jurisdiction of the Moab District of the BLM, included in Danish Flats study area.

12. Operators Representatives

Buddy L. McConnell
P.O. Box 1867
Grand Junction, Colo.
81502

Chris Hansen Jr.
P.O. Box 1867
Grand Junction, Colo.
81502

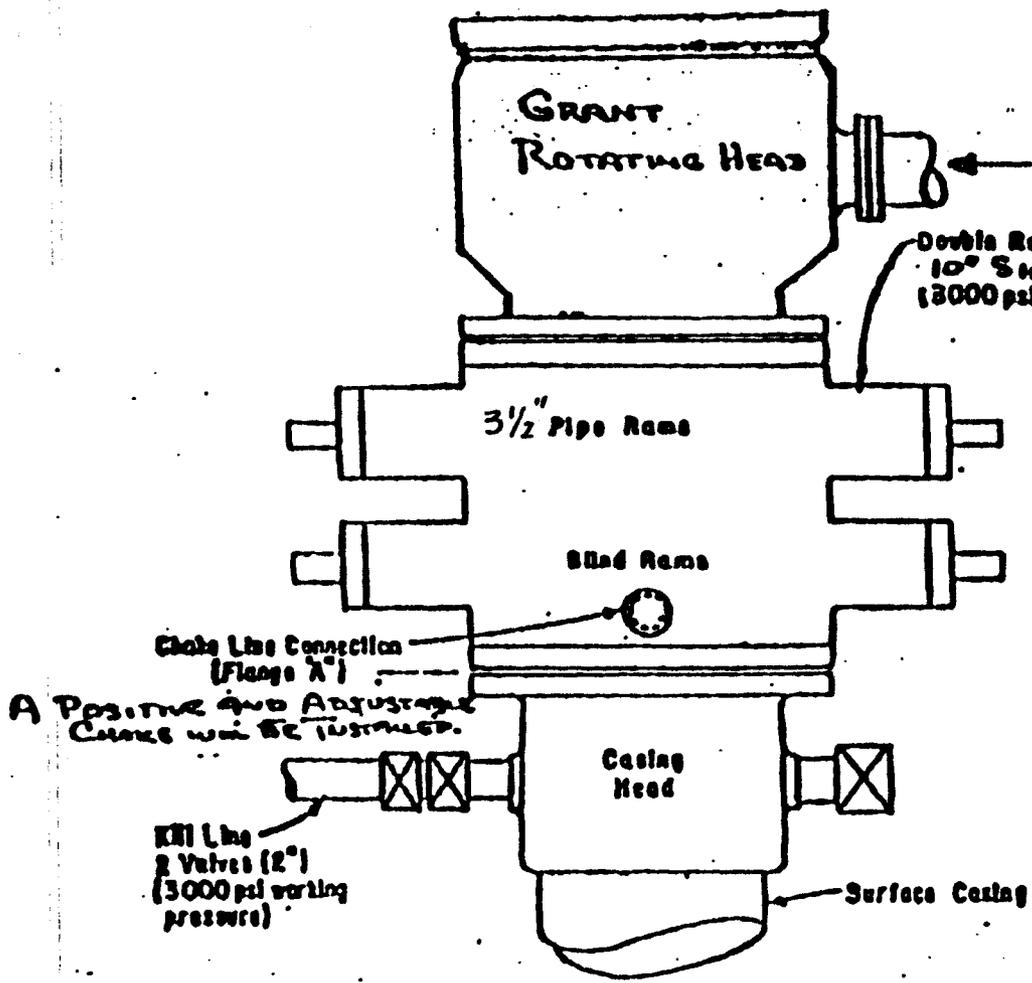
(303) 242-3595

(303) 242-5021

13. Certification

I hereby certify that I was present when the location was surveyed and selected the proposed access road route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed here will be performed by Layton Oil & Gas Production Co. and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it might be approved.


Buddy L. McConnell
Manager

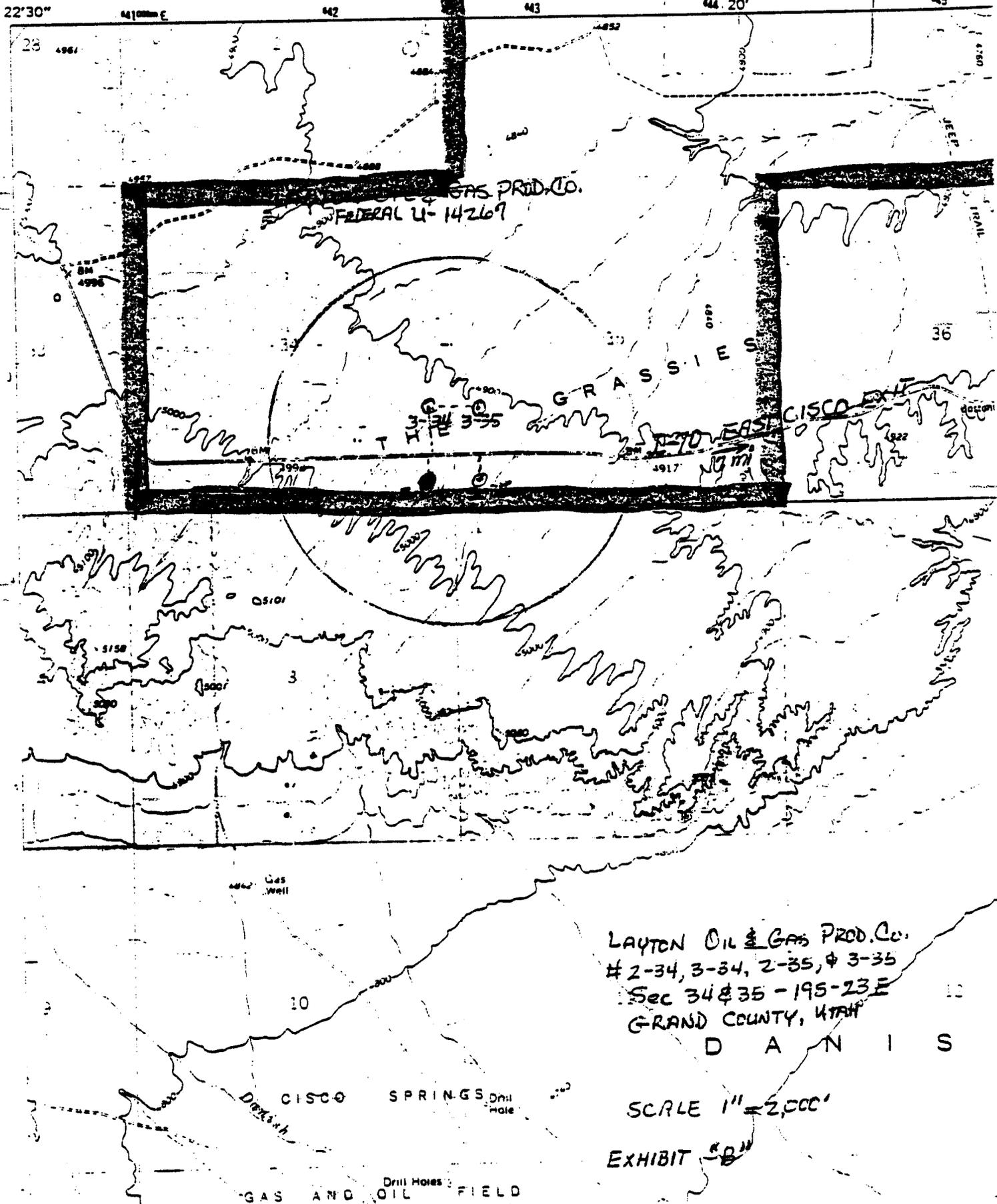


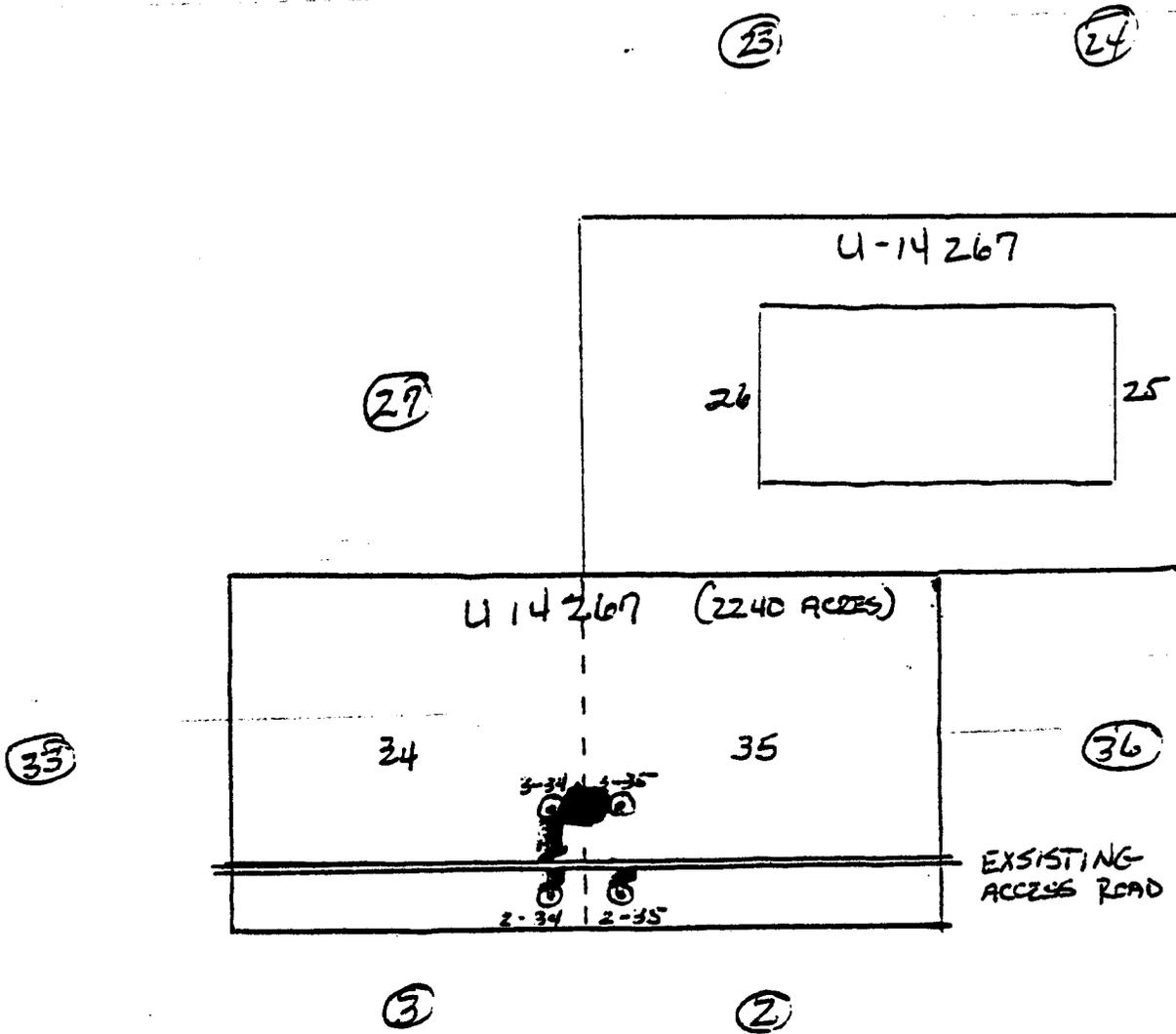
TESTING FREQUENCY
 Pipe Rams: Daily
 Blind Rams: Every Trip

Blowout Prevention Diagram

Layton Oil & Gas Prod. Co. Nos. 2-34,
 3-34, 2-35, 3-35. S/2 Sec 34 & 35-
 19S-23E SLB & M
 Grand County, Utah
 Federal Lease No. U-14267

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY





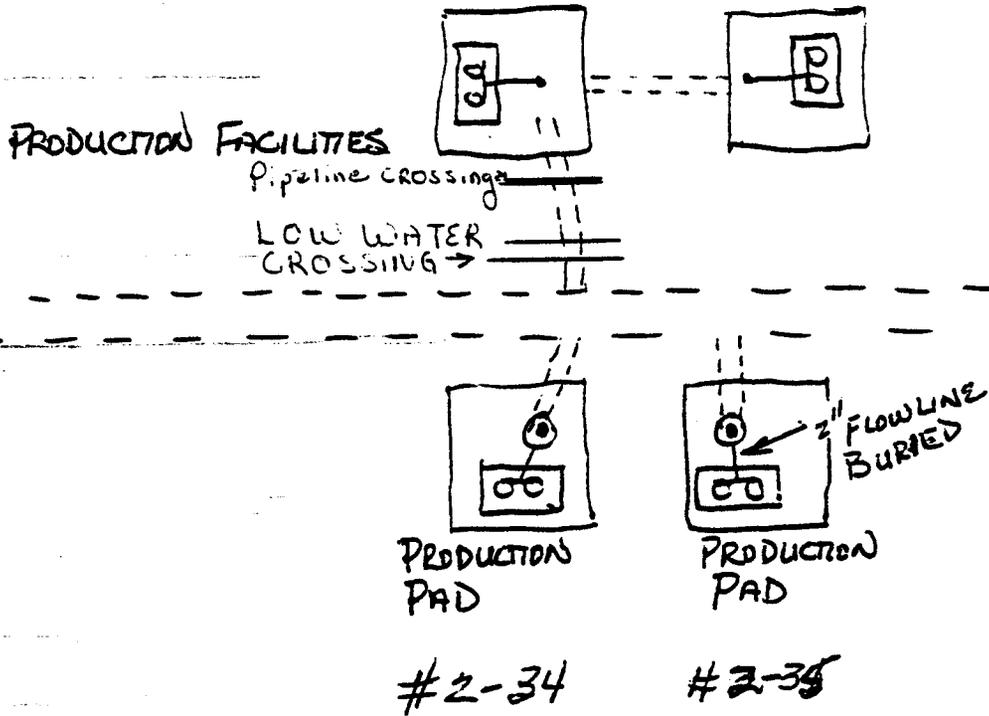
PLAT SHOWING LEASE SERVICE
 ROADS FOR LAYTON O&G Nos.
 2-34, 3-34, 2-35, & 3-35
 SEC 34 & 35 - 19S-23E SLB&M

GRAND COUNTY, UTAH

SCALE 1" = 2640'

EXHIBIT "B-1"

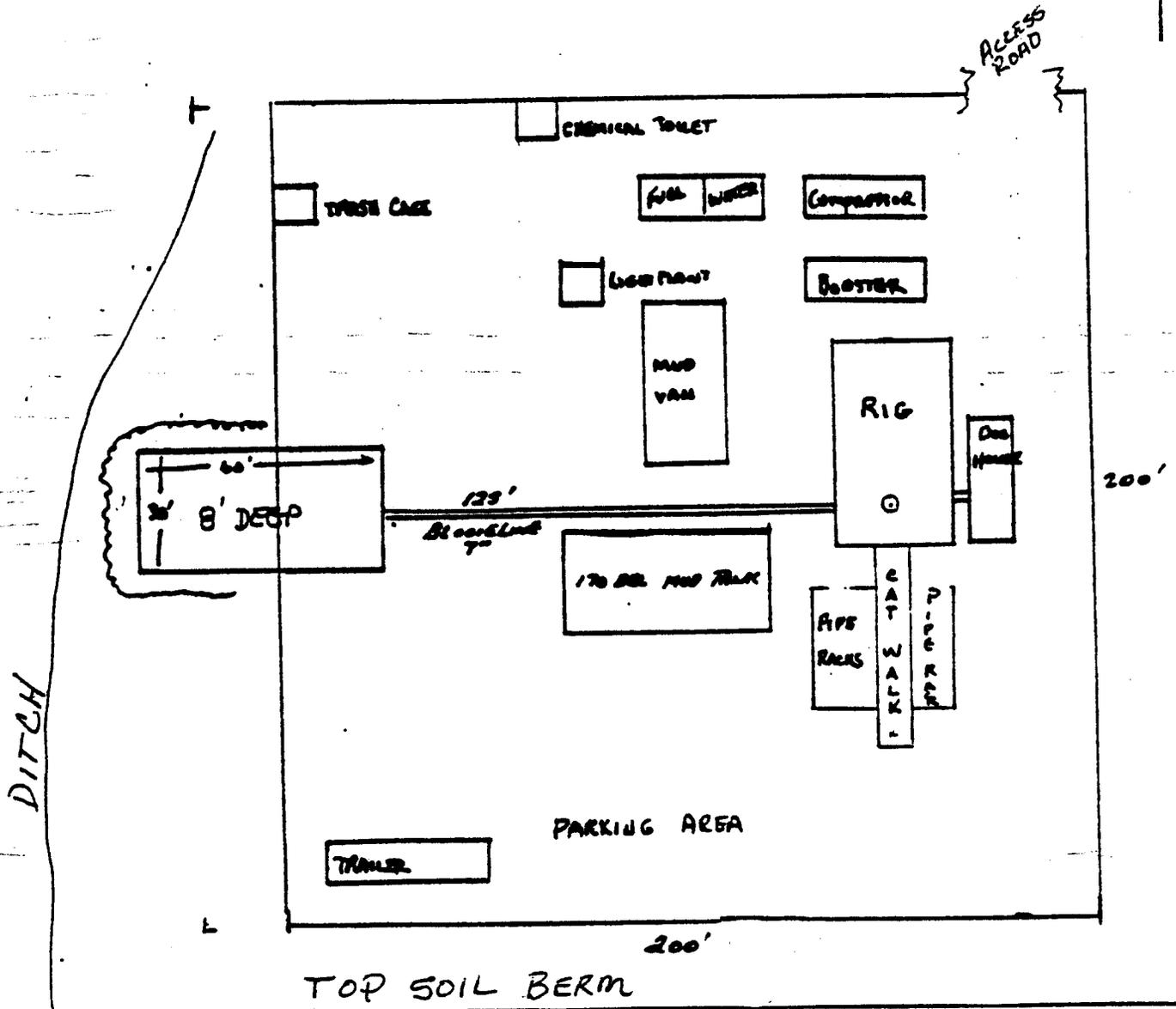
EXHIBIT "C" ATTACHED TO APDS
LAYTON O&G # 2-34, 3-34, 2-35,
3-35 - SEC 34 #35 - T195-R23E
GRAND COUNTY, UTAH
FED LEASE # 4-14267 # 3-34 # 3-35



NOT DRAWN TO SCALE

EXHIBIT "C"

RIG LAYOUT - SCALE 1" = 40'



LAYTON OIL & GAS PROD. Co. EXHIBIT "D"
No. 2-34 SCALE 1" = 40'

**ARCHAEOLOGICAL SURVEY FOR
FOUR BOWERS-LAYTON WELL LOCATIONS,
GRAND COUNTY, UTAH**

GRC Report 82161

by

**Thomas F. Babcock, Supervising Archaeologist
and
John D. Hartley, M.A., Project Archaeologist**

**GRAND RIVER CONSULTANTS, Inc.
576 25 Road, Suite 11
Grand Junction, CO 81501
(303)241-0308**

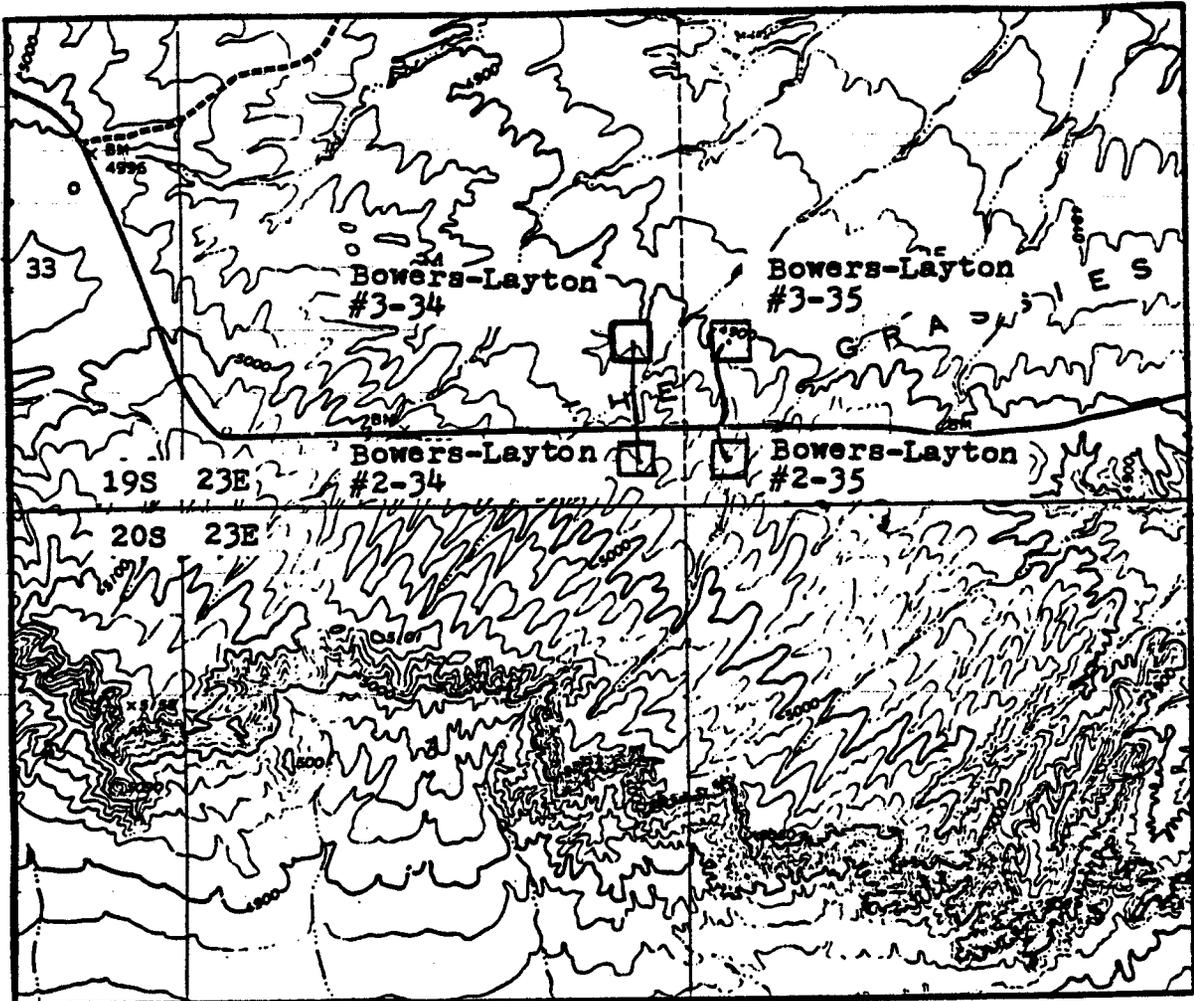
December 2, 1982

Prepared for:

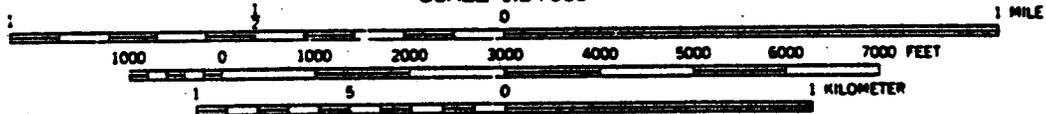
**Layton Oil and Gas Production Company
P. O. Box 1867
Grand Junction, CO 81502**

Distribution:

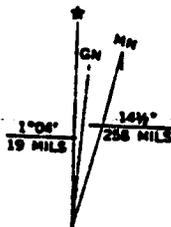
**BLM - State Office, Salt Lake City (1)
District Office, Moab (1)
Resource Area Office, Moab (1)
Utah State Historical Society, Antiquities Division (1)
Layton Oil and Gas (1)✓**



SCALE 1:24 000



CONTOUR INTERVAL 20 FEET

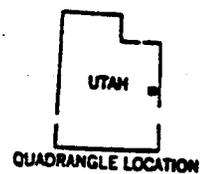


DANISH FLAT, UTAH
N3900—W10915/7.5

1970

AMS 4162 III SE—SERIES V897

Project area for four (4) Bowers-Layton well locations, Grand County, Utah.



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease U-14267

DISTRICT LAND OFFICE: Moab, Utah
SERIAL No.:

and hereby designates

NAME: Layton Oil & Gas Production Co.
ADDRESS: P.O. Box 1867
Grand Junction, CO 81502

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Sec. 34 (All) T19S, R23E, SLB & M
Sec. 35 (All) T19S, R23E, SLB & M
Sec. 26 (W $\frac{1}{2}$, N $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$) T19S, R23E, SLB & M
Sec. 25 (E $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$) T19S, R23E, SLB & M

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

NICOR EXPLORATION COMPANY

BY: 

(Signature of lessee)

1667 Cole Blvd.
Golden, CO 80401

(Address)

November 1, 1982

(Date)

OPERATOR LAYTON OIL & GAS PRODUCTION CO DATE 1-28-83

WELL NAME FED 2-34

SEC SE SE 34 T 19S R 23E COUNTY GRAND

43-019-31032
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

This is one of four APD's submitted at the same time, however spacing was not adequate to approve all as combined oil/gas wells. McConnell advised that they would relocate and re-submit the others at a later time. There are no wells within 1320' of this location, and all other requirements of 102-1612 are met.

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

102-1612 9-26-79
CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER 102-1659

UNIT NO

c-3-b

c-3-c

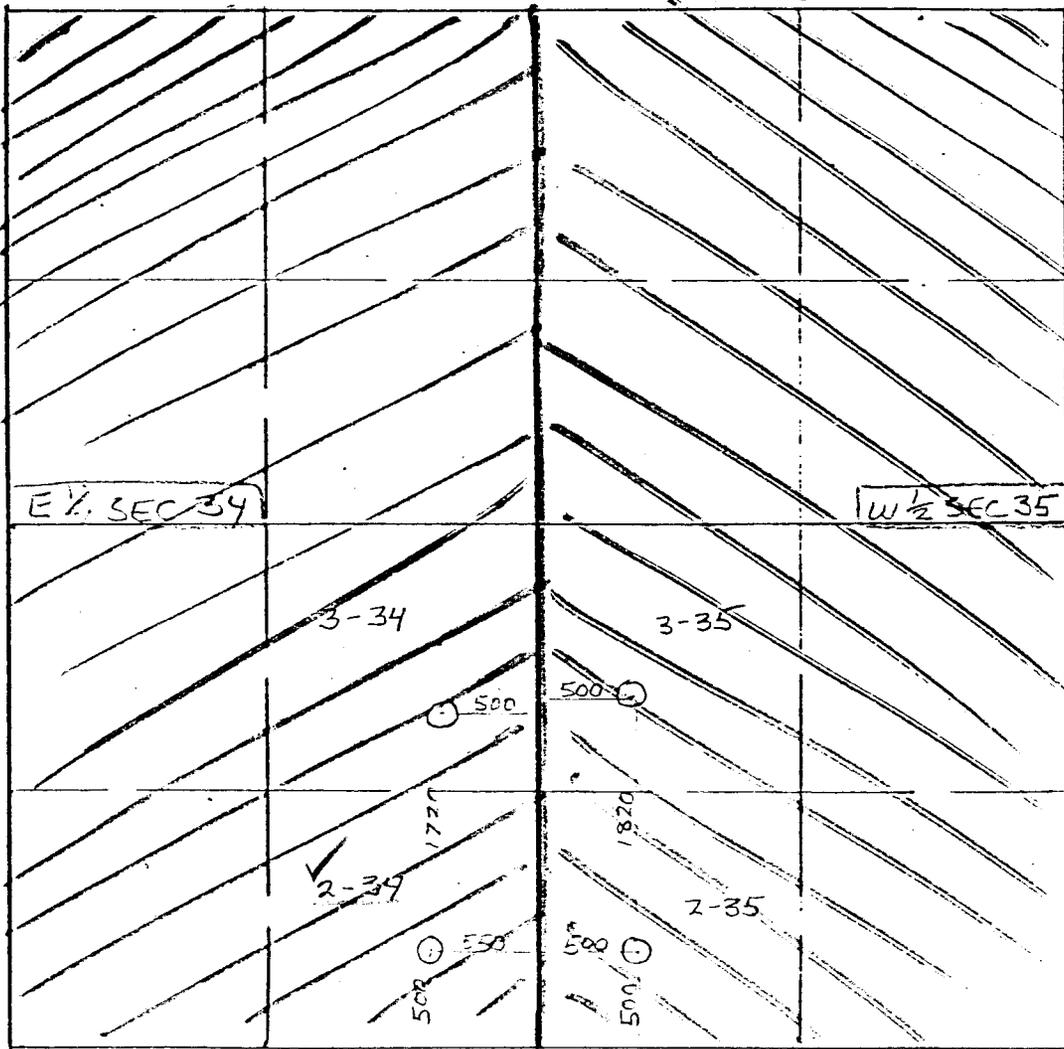
OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

19S - 23E - GRAND

34

35



SCALE: 1" = 1000'
LAYTON OIL & GAS

January 28, 1983

Layton Oil & Gas Production Company, Inc.
P. O. Box 1867
Grand Junction, Colorado 81502

RE: Well No. Federal 2-34 ^{23E}
SESE Sec. 34, T.19S, R. ~~32E~~
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated September 26, 1979.

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

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

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

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

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31032.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Oil & Gas Operations
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL and/or
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 JAN 31 1983

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 Feb. 1st, 1983

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- Ten Point Plan
- Thirteen point- surface use plan
- Archaeological clearance attached
- On-site inspection conducted Jan. 4, 1983 with Mr. Cody Hansen, U.S.G.S., and Mr. Paul Brown, B.L.M., present. All changes to the APD have been agreed upon and are incorporated herewith.

SALT LAKE CITY, UTAH
 JAN 10 1983
 RECEIVED
 OIL & GAS OPERATIONS
 SERVICE
 MANAGEMENT

* This lease must be capable of production in paying quantities on or before 4-30-83

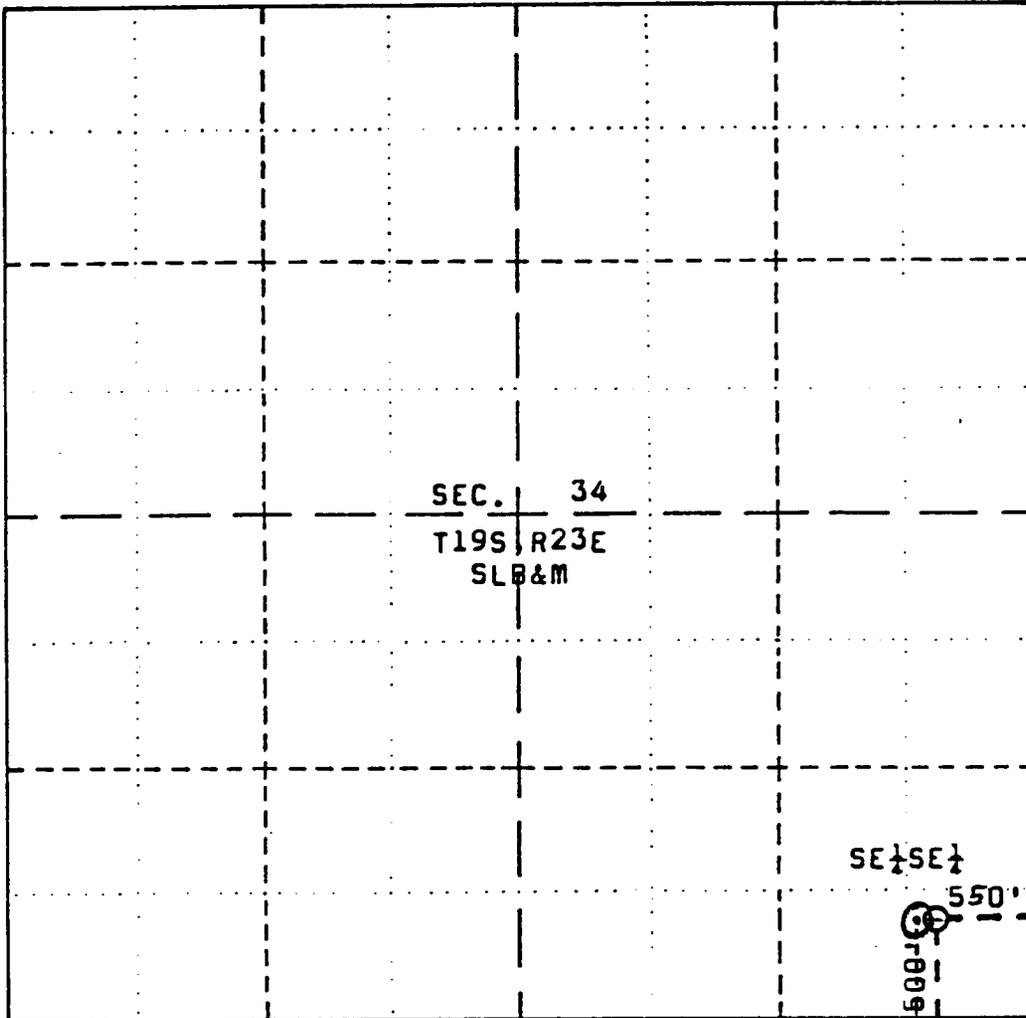
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24. SIGNED Buddy L. McBurnell TITLE Manager DATE 12/29/82
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY WJ Martus FOR E. W. GUYNN
 CONDITIONS OF APPROVAL, IF ANY: _____ TITLE DISTRICT OIL & GAS SUPERVISOR DATE JAN 28 1983

*See Instructions On Reverse Side
 CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

State O & G



SCALE: 1" = 1000'

BOWERS-LAYTON #2-34

Located North 500 feet from the South boundary and West 550 feet from the East boundary of Section 34, T19S, R23E, SLB&M.

Elev. 4962

Grand County, Utah



SURVEYOR'S 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

UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

BOWERS-LAYTON #2-34
SE 1/4 SE 1/4 SECTION 34
T19S, R23E, SLB&M

SURVEYED BY: USW DATE: 11/22/82
DRAWN BY: USW DATE: 11/23/82

Layton Oil and Gas Production Company, Inc.
Well No. 2-34
Section 34, T. 19S., R. 23 E.
Grand County, Utah
Lease No. U-14267

Supplemental Stipulations:

1. Stock pile 10 inches of topsoil from location surface.
2. Fence pits with 36 in. woven wire plus 1 strand of barbed wire on top.

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Moab, Utah
SERIAL No.: U-14267

and hereby designates

NAME: Layton Oil & Gas Production Co.
ADDRESS: P.O. Box 1867
Grand Junction, CO 81502

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Sec. 34 (All) T19S, R23E, SLB & M
Sec. 35 (All) T19S, R23E, SLB & M
Sec. 26 (W $\frac{1}{2}$, N $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$) T19S, R23E, SLB & M
Sec. 25 (E $\frac{1}{2}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$) T19S, R23E, SLB & M

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

BUCKHORN PETROLEUM CO.

BY 

(Signature of lessee)

Stephen G. Weiman, Vice President
P. O. Box 5928, T.A.
Denver, CO 80217

(Address)

November 17, 1962

(Date)

JLK
WSP

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Layton Oil & Gas Production Co.

WELL NAME: Federal 2-34

SECTION SESE 34 TOWNSHIP 19 S RANGE 23 E COUNTY Grand

DRILLING CONTRACTOR B & B Drilling

RIG # 12

SPUDED: DATE 1-31-83

TIME 1:30 PM

HOW Rotary - Air

DRILLING WILL COMMENCE _____

REPORTED BY Buddy McConnel

TELEPHONE # 303-242-3595

DATE 2-1-83 SIGNED Norm

Transmitted to park 2-3-83



**LAYTON
OIL & GAS PRODUCTION CO.**

P.O. Box 1867
Grand Junction, Colorado 81502
(303) 242-3595
800-525-3461 Out of State

February 2, 1983

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

Attn: Norman C. Stout
Administrative Assistant

Dear Sir:

Enclose in duplicate are copies of 3 Applications to Drill, of Federal lands, for the following test development wells in the Greater Cisco Area, Grand County, Utah:

Layton Oil & Gas Prod. Co.
No. 3-34 NE SE 34-T19S-R23E SLB&M
Grand County, Utah

Layton Oil & Gas Prod. Co.
No. 2-35 SW SW 35-T19S-R23E SLB&M
Grand County, Utah

Layton Oil & Gas Prod. Co.
No. 3-35 NW SW 35-T19S-R23E SLB&M
Grand County, Utah

1. These three wells are development wells located on Federal Oil & Gas lease No. U-14267. As you will observe on the attached location plats, the 2-35 well is located 1050' east of our 2-34 well which we are presently drilling. We hereby request a variance to allow us to develop the oil/gas sand found in our 2-34.
2. The 3-34 well is 1220' north of the 2-34. We would request a variance for this well due to topographical reasons. During the onsite inspection with the U.S.G.S. and B.L.M. representatives Mr. Cody Hansen & Mr. Paul Brown, they directed me to move the location 100' south of my original 1320' spacing for topographical purposes.

3. The 3-35 well is located 1000' east and 100' north of the 3-34 well. We would request a variance for this site to develop the oil/gas sand found in the 2-34 well. These three variances are requested for geological purposes, due to the narrowness of the Morrison channeled sands found in this area, and for systematic and orderly development of this lease.

Please advise when these matters will be set for a hearing before the board.

Sincerely Yours,

Buddy L. McConnell

Buddy L. McConnell
Layton Oil & Gas Prod. Co.
P.O. Box 1867
Grand Junction, Colo. 81502
(303) 242-3595

Telephone
(303) 243-1315

FLEET CEMENTERS, INC.
P.O. Box 2049
Grand Junction, Colorado 81502

Material Delivery Ticket

M 4073

DATE OF JOB	2-3-88	DISTRICT	Grand Jct	NEW WELL	<input checked="" type="checkbox"/>	OLD WELL	<input type="checkbox"/>	CUSTOMER'S ORDER NO.	
CUSTOMER	Layton Exploration			WELL NO.	# Layton 2-34 LEASED Bowers				
ADDRESS	PO Box 1967 81502			COUNTY	Grand STATE Utah				
CITY	Grand Jct STATE COLO			FIELD	CISCO				
AUTHORIZED BY	Buddy Mc			WELL OWNER	Layton oil & Gas				
Truck No.	No. Loads	Truck No.	No. Loads	Other Equipment No.	Miles From Sta. To Well:				
# 2					60 mi				
					SERVICE TICKET NO. 1214				

CONTRACT CONDITIONS: (This agreement must be signed before work is commenced)

The undersigned, as authorized agent of the customer, agrees and acknowledges that the services, materials, products and supplies provided for in this order shall be subject to the terms and conditions appearing on the front and reverse sides of the customer copy hereof and no additional terms and conditions shall apply to this order without the consent of an authorized representative of Fleet Cementers, Inc.

Signed: *Buddy L. Mc*
AGENT OF OWNER OR CONTRACTOR

	PRICE REF. NO.	BRAND AND TYPE	QUANTITIES				RATE	PRICE	
			Ordered	Used	Returned	Charged			
MATERIALS	P.R. 29							4500	
	P.R. 29	Cement	65 SKS	65		65	6.75	438	15
SERVICES	P.R. 3	MIXING SERVICE	65 Ft 3			65	.92	53	30
	P.R. 38	MILEAGE CHARGE	6110 lbs. 60 miles	183.3			/ton /mile .75	1374	97
								629	52

SERVICE REPRESENTATIVE: *H. Layton*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR OR AGENT)

ORAL APPROVAL TO PLUG AND ABANDON WELL

7

Operator LAYTON OIL & GAS PROD. CO. Representative Buddy McConnel

Well No. 2-34 Location SE 1/4 SE 1/4 Section 34 Township 19S Range 23E

County Grand Field Wildcat State Utah

Unit Name and Required Depth _____ Base of fresh water sands _____

T.D. 2550' Size hole and Fill per sack " _____ ' and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7 5/8</u>	<u>160'</u>	<u>surface</u>		<u>1. 2550'</u>	<u>2350'</u>	<u>As necessary</u>
				<u>2. 2288'</u>	<u>2088'</u>	<u>As necessary</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>3. 260'</u>	<u>60'</u>	<u>As necessary</u>
<u>Dakota Silt</u>	<u>2150'</u>			<u>4. 10 sacks cement</u>	<u>at surface</u>	<u>with dry hole marker.</u>
<u>Dakota Sand</u>	<u>2188'</u>					
<u>MORANSON Mesaverde</u>	<u>2420'</u>					

RECEIVED
FEB 14 1983

REMARKS

DST's, lost circulation zones, water zones, etc., _____

DIVISION OF
OIL GAS & MINING

Approved by R. J. Firth Date 2-3-83 Time _____ a.m.
p.m.



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Scott M. Matheson, Governor
 Temple A. Reynolds, Executive Director
 Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 1, 1984

*Called 6/14/84
 with [unclear]
 [unclear]*

Layton Oil & Gas Production Company
 P.O. Box 1867
 Grand Junction, Colorado 81502

RE: Well NO. Federal 2-34
 API #43-019-31032
 Sec. 34, T. 19S, R. 23E.
 Grand County, Utah

Gentlemen:

This letter is to advise you that a recent inspection of the above referred to well indicates that the "Well Completion or Recompletion Report and Log" for the above mentioned well is due and has not been filed with this office as required by our rules and regulations. It was also noted that this well had been plugged and abandoned. However, this office has not received the appropriate "Sundry Notice" of subsequent abandonment.

Rule D-2 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Within thirty (30) days after the plugging of any well has been accomplished, the owner or operator thereof shall file a plugging report with the Division. The report shall give a detailed account of the manner in which the plugging work was carried out, including the nature and quantities of materials used in plugging, and the location and extent (by depths) of the plugs of different materials; records of any tests or measurements made and the amount, size and location (by depths) of casing left in the well; and statement of the volume of mud fluid used. If an attempt was made to part any casing, a complete report of the method used and results obtained must be included.

Please complete the enclosed Form OGC-3 and Form OGC-1b and forward them to this office as soon as possible.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones
Well Records Specialist

CJ/cj
Enclosure

cc: Dianne R. Nielson, Director
Ronald J. Firth, Associate Director

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

5. LEASE DESIGNATION AND SERIAL NO.
U-14267 FEDERAL

6. IF INDIAN, ALLOTTED OR TRIBE NAME
NONE

7. UNIT AGREEMENT NAME
NONE

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
NO 2-34 FEDERAL

10. FIELD AND FOOT, OR WILDCAT
GREATER CISO AREA

11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA
34-19S-23E SLB

12. COUNTY OR PARISH
GRAND

13. STATE
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER DRY

2. NAME OF OPERATOR
LAYTON OIL + GAS PRODUCTION CO

3. ADDRESS OF OPERATOR
PO BOX 1867 GRAND JUNCTION CO 81502

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

14. PERMIT NO.
43-019-31032

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

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

*(4219m)
R500*

*Verbal OK
from RJF*

RECEIVED
JUN 19 1984
DIVISION OF OIL
GAS & MINING

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE ASLPER DATE 6/14/84

(This space for Federal or State office use)

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

RECEIVED

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

7

56 64 0

16

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

JUN 19 1984

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
LAYTON OIL + GAS PRODUCTION CO

3. ADDRESS OF OPERATOR
PO BOX 1867 GRAND JUNCTION CO 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 500' FSL + 550' FEL SESE
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-019-31032 DATE ISSUED 1/28/83

5. LEASE DESIGNATION AND SERIAL NO.
U-14267 FSDIRA

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NONE

7. UNIT AGREEMENT NAME
NONE

8. FARM OR LEASE NAME
FEDERAL

9. WELL NO.
NO. 2-34 FSDIRA

10. FIELD AND POOL, OR WILDCAT
GRAND CISO ARI.

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
34-19S-23E SLA

12. COUNTY OR PARISH
GRAND

13. STATE
UTAH

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) N/A 2-3-83 18. ELEVATIONS (DF, RES, RT, OR, ETC.)* 19. ELV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 2550 21. PLUG, BACK T.D., MD & TVD PLUG 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY ? 24. ROTARY TOOLS 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
NONE 25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL DMC Saverlog 27. WAS WELL CORRED
NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7 5/8	18/103	160			NONE

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					N/A		

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A		N/A	N/A

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	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED _____ TITLE HSLPSR DATE 6/14/84

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

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Layton Oil & Gas Production Co. Fed. #2-34
 Operator Layton Oil & Gas Prod. Co Address P.O. Box 1867, Grand Junction, Co. 81502
 Contractor B&B Drilling Co. Address Grand Junction, Colo. 81502
 Location SE ¼ SE ¼ Sec. 34 T. 19S R. 23E County Grand, Utah

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	2274-	2289	2" Stream	Salty
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

<u>Formation Tops</u>	Dakota Silt	2066
	Dakota Sand	2190
<u>Remarks</u>	Morrison	2392

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 3, 1985

Layton Oil & Gas Production Co.
P O Box 1867
Grand Junction, Colorado 81502

Gentlemen:

Re: Well No. 2-34 Federal - Sec. 34, T. 19S., R. 23E.,
Grand County, Utah - API #43-019-31032

This letter is to advise you that Sec. 38, Geologic Markers, on the back side of the "Well Completion or Recompletion Report and Log" for the above referenced well was not filled in when this report was submitted.

We are sure this was an oversight on your part and we request that you complete the enclosed Form OGC-3 and forward it to this office as soon as possible, but not later than June 17, 1985.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0170S/99