

5-23-74 R. L. Murphy & Sons, Inc. 5-1A, No. 25

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  
 Colt Oil Incorporated

3. ADDRESS OF OPERATOR  
 P. O. Box 614, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2081' FWL, 611' FSL, Sec. 5, T25S, R04E, Sevier County, Utah.  
 At proposed prod. zone N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 21 miles NE of Loa, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      611 ft.

16. NO. OF ACRES IN LEASE      280

17. NO. OF ACRES ASSIGNED TO THIS WELL      N/A

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      None

19. PROPOSED DEPTH      4100'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 9463.81' G.L.

22. APPROX. DATE WORK WILL START\*  
 Cedar Mountain May 25, 1975

5. LEASE DESIGNATION AND SERIAL NO.  
 U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.  
 Unit 5-1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 5, T25S-R04E, Salt Lake Meridian

12. COUNTY OR PARISH      13. STATE  
 Sevier      Utah

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"	48#	400'	Cement to surface
12 1/2"	9 5/8"	36# & 40#	4100'	** 200 Sx Min.

\*\*Cement volume to be determined after logging.

PROPOSED DRILLING PROGRAM

1. Drill to a depth of about 400 ft. and set surface casing.
2. Pressure test BOP and surface casing.
3. Drill out cementing shoe and drill to a depth of 4100' using air, air-mist, or aerated mud. If productive zones are found, 9 5/8" production casing will set at 4100', otherwise, the well will be plugged and abandoned. Permission will be obtained before plugging.

*OK*

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 John L. Gaud TITLE Agent DATE 5-1-75

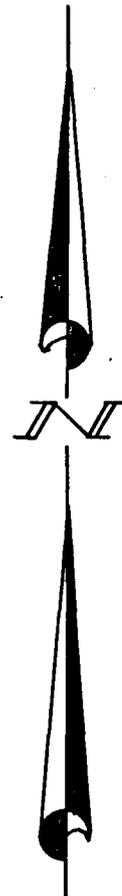
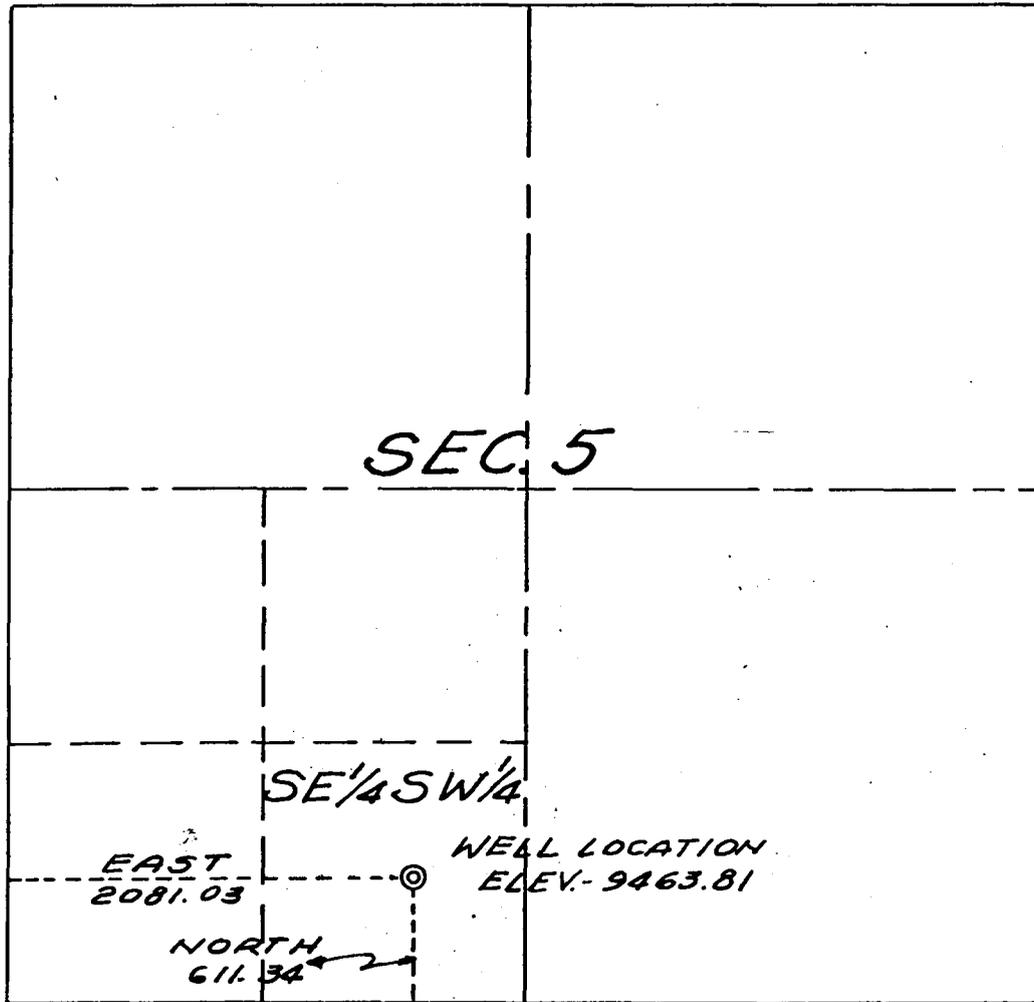
(This space for Federal or State office use)

PERMIT NO. 43-041-30007 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY :

T.25S, R.4E. OF THE SALT LAKE MERIDIAN



SCALE - 1" = 1000'

WELL LOCATION

COLT OIL INCORPORATED

DENVER, COLORADO

PARADISE LAKE UNIT # 5-1

SITUATED IN

SE 1/4 SW 1/4 SECTION 5

T.25S, R.4E. OF THE SALT LAKE MERIDIAN

SEVIER COUNTY, UTAH

REF. POINT 150 FEET EAST - ELEV -

REF. POINT 200 FEET EAST - ELEV - 9468.81

REF. POINT 100 FEET NORTH - ELEV - 9451.76

REF. POINT - 150 FEET NORTH - ELEV -

THIS IS TO CERTIFY THAT THE "WELL LOCATION" SHOWN ON THIS PLAT WAS PLOTTED 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.

DATE SURVEYED 6/3/70

SCARROW AND WALKER  
REGISTERED LAND SURVEYORS

TOM WALKER  
CERTIFICATE NO. 1548

DESIGNATION OF AGENT

The undersigned, COLT OIL INCORPORATED, hereby designates,

JOHN I. GORDON  
P. O. Box 614  
Grand Junction, Colorado 81501

as its local agent, with full authority to act in its 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:

Section 5, T25S, R4E  
Sevier County, Utah  
Lease Serial No. U-3547

and

The Paradise Lake Unit  
# 14-08-0001-14290 which  
the above is a portion thereof.

It is understood that this Designation of Agent does not relieve the undersigned of responsibility for compliance with the terms of the lease and the Operating Regulations.

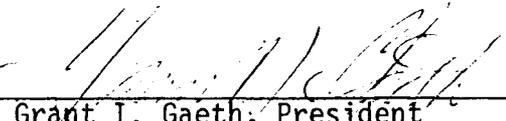
It is also understood that this Designation of Agent does not constitute an assignment of any interest in the lease.

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

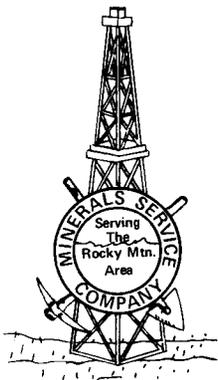
The undersigned agrees promptly to notify the supervisor of any change in the designated agent.

COLT OIL INCORPORATED

By

  
Grant I. Gaeth, President  
633 17th Street, Suite 1270  
Denver, Colorado 80202

Date: April 30, 1975



# MINERALS SERVICE COMPANY

P. O. Box 614, 2916 Hiway 6 & 24, Grand Junction, Colorado 81501  
Telephone 303 / 245-2335

May 1, 1975

Re: Paradise Lake Unit  
Well #5-1  
Sevier County, Utah  
Our File: MSC-12-75

Mr. Cleon B. Feight, Director  
Utah Division of Oil and Gas  
Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Feight:

We are enclosing a copy of the information submitted to the U.S.G.S. which pertains to drilling the above well. In order to secure a casing allocation, we request that early consideration be given to our Application for Permit to Drill. Should you have any questions or need additional information, please contact me. Phone: 303-245-2335 or residence 303-243-9599.

Sincerely,

A handwritten signature in cursive script that reads "John I. Gordon".

John I. Gordon,  
Agent for Colt Oil Inc.

JIG/jmt  
Enclosures  
cc: Mr. Grant I. Gaeth, Colt Oil Inc.



# MINERALS SERVICE COMPANY

P. O. Box 614, 2916 Hiway 6 & 24, Grand Junction, Colorado 81501  
Telephone 303 / 245-2335

May 1, 1975

Re: Paradise Lake Unit  
Well No. 5-1  
Sevier County, Utah  
Our File: MSC-12-75

Mr. Edgar W. Guynn,  
District Engineer  
United States Geological Survey  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

The following twelve (12) point development plan for surface use is hereby submitted for the above well:

1. Existing roads including location of the exit from the main highway:

The attached U.S.G.S. topographic map sheet, Plat No. 1, illustrates the existing roads. Existing roads will be used with minor improvements as required.

2. Planned access roads:

Approximately 300 feet of new road will have to be constructed. Plat No. 1 illustrates the position of the road.

3. Location of existing wells:

Plat No. 1 shows the location of one abandoned well.

4. Lateral roads to well locations:

None

5. Location of tank batteries and flow lines:

Plat No. 2 illustrates the production equipment to be used should the well be productive.

6. Location and type of water supply:

Plans are to obtain water from the North Last Chance Creek at a point where the road crosses it. Plat No. 1 illustrates the location. A small pond to contain about 10,000 gallons of water may have to be constructed.

Page 2

To: Mr. Edgar W. Guynn  
From: Mr. John I. Gordon  
Date: May 1, 1975

7. Methods for handling waste disposal:

Any waste material derived from the operations will be confined to the location. A trash pit will be constructed as shown on the attached Plat No. 3. All trash such as mud sacks, garbage and other debris will be periodically gathered during the drilling operation and disposed of in the same pit. Upon completion of the well, any additional garbage or debris that remains will be placed in the pit and covered to a minimum depth of 5 feet. A portable chemical latrine will be installed at the drill site to dispose of waste materials.

8. Location of camps:

None

9. Location of airstrips:

None

10. Location of layout to include position of the rig, mud tanks, reserve pits, burn pits, pipe racks, etc.:

The attached Plat No. 3 illustrates the layout of the location and the position of all pertinent items.

11. Plans for restoration of the surface:

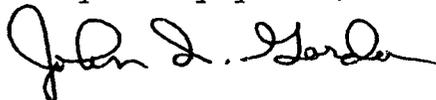
The location will be restored to as nearly as possible its original contour and reseeded. All restoration, reseeding and reclamation work will be done in coordination with a local Forest Service Representative.

12. Any other information that may be used in evaluating the impact on environment:

The topography surrounding these locations is shown by Plat No. 1. Generally, the location is reasonably level and the vegetation consists of scattered brush and trees. No clearing of trees is anticipated.

Should you require any additional information concerning the above, please contact me. Phone: 303-245-2335 or residence 303-243-9599.

Very truly yours,

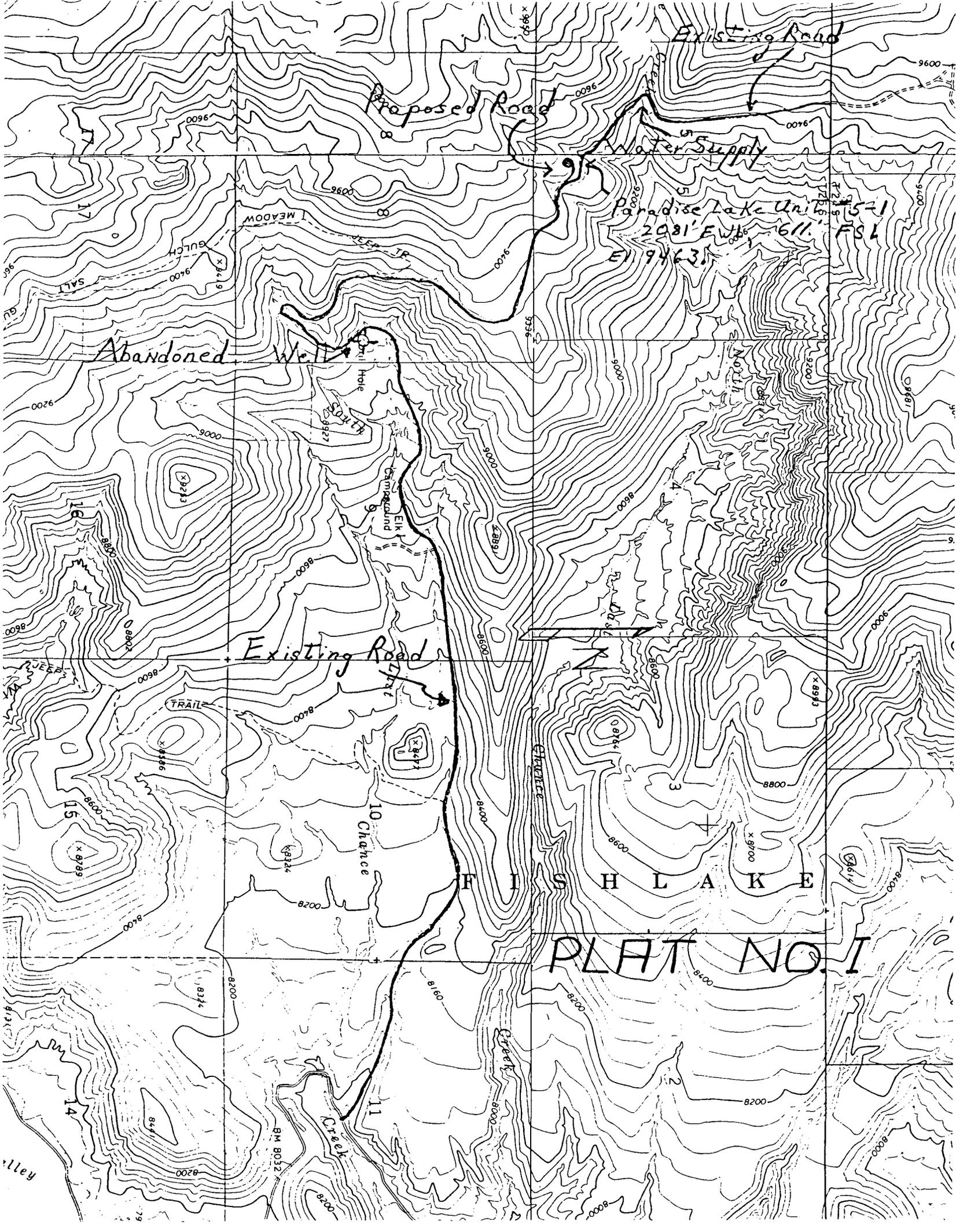


John I. Gordon,  
Agent for Colt Oil, Inc.

JIG/jmt

Enclosures

cc: Mr. Grant I. Gaeth, Colt Oil, Inc.



Existing Road

Proposed Road

Water Supply

Paradise Lake Unit #5-1  
2081' Ewb, 611' FSL  
E 9463

Abandoned Well

Existing Road

FISH LAKE  
PLAT NO. I



SALT  
GULCH

MEADOW

Drill Hole

Abandoned  
Elk

TRAILS

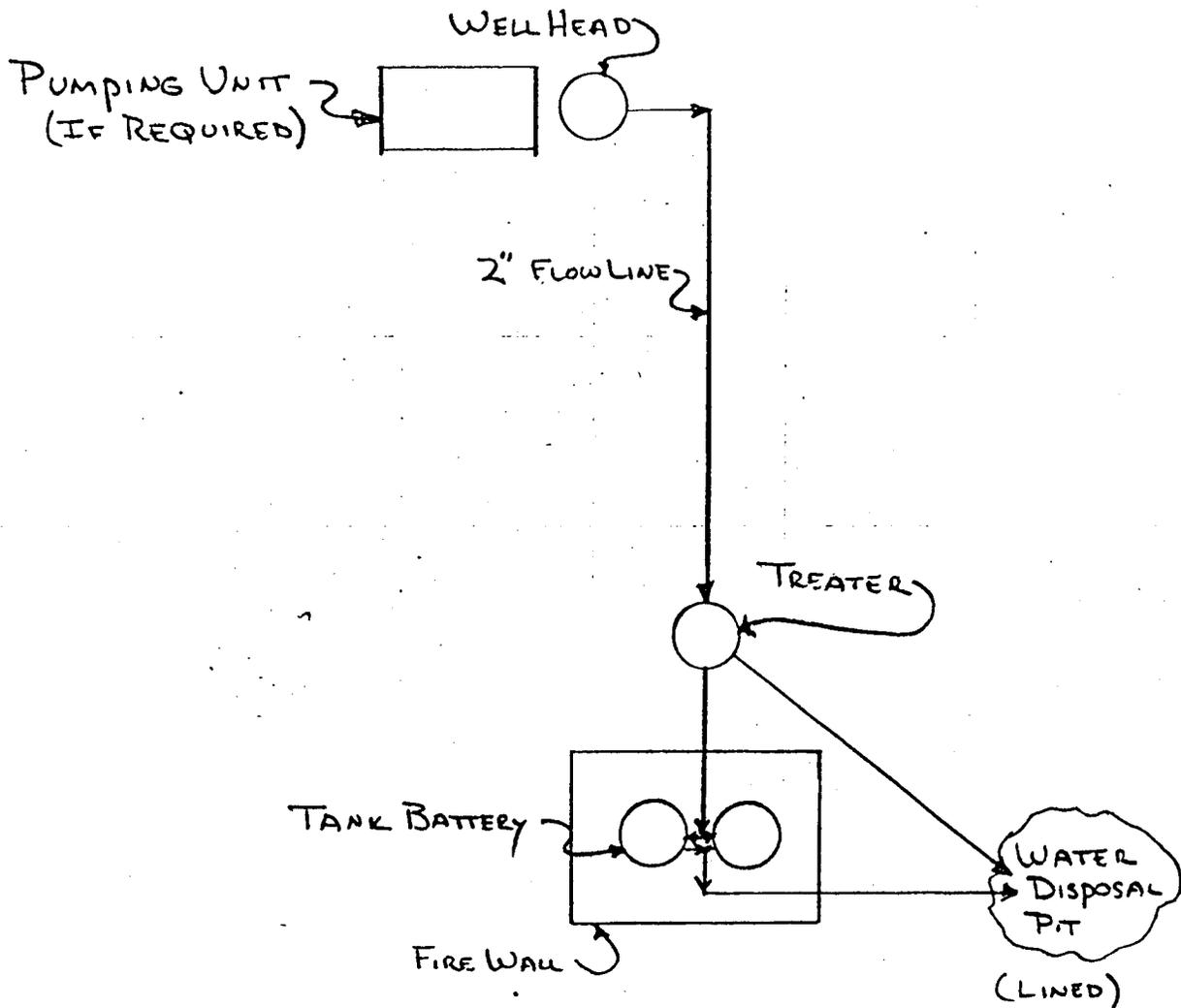
10  
Chance

Creek

BM 8032

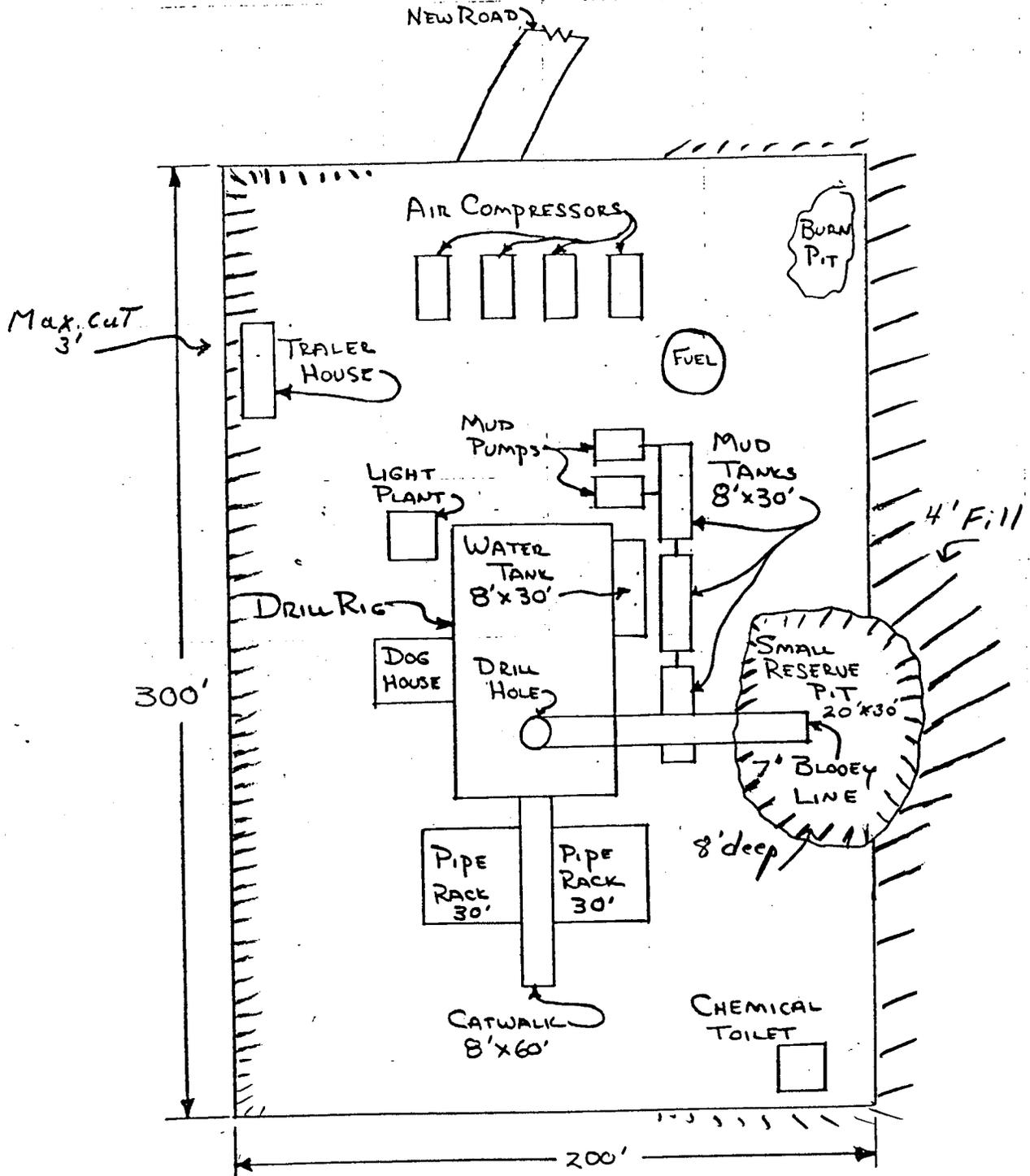
valley

# PLAT No. 2 TYPICAL PRODUCTION EQUIPMENT



WELL IS TO BE PRODUCED BY EITHER  
NATURAL OR ARTIFICIAL LIFT

# PLAT No. 3 TYPICAL LOCATION LAYOUT



NO SCALE



# MINERALS SERVICE COMPANY

P. O. Box 614, 2916 Hiway 6 & 24, Grand Junction, Colorado 81501  
Telephone 303 / 245-2335

May 1, 1975

Re: Paradise Lake Unit  
Well No. 5-1  
Sevier County, Utah  
Our File: MSC-12-75

Mr. Edgar W. Guynn,  
District Engineer  
United States Geological Survey  
8426 Federal Building  
Salt Lake City, Utah 84138

Dear Mr. Guynn:

The following seven (7) point well control program is hereby submitted for the above well:

1. Surface Casing: New 13 3/8" diameter, 48#/ft, Grade H-40, Range 2 (30' lengths) casing will be used. Proposed depth is 400 feet.
2. Size and series of casingheads, spools, and flanges: Casing-head will be 2000 psi working pressure, 4000 psi test pressure or equivalent. All flanges will be 10" series 900 rated at 3000 psi working pressure.
3. Intermediate Casing: No intermediate casing is planned for this well. If productive, new 9 5/8" diameter, 36 and 40#/ft. Grade K-55, Range 2 (30 ft. lengths) will be set for production.
4. Blowout Preventors: A Shaffer 10" Series 900 double hydraulic blowout preventer with accumulator or equivalent will be used. In addition to the blind rams, 3 1/2" or 4 1/2" pipe rams will be used. A 2" choke line with a positive and adjustable choke will be attached to the BOP.
5. Auxillary Equipment consists of: A kelly cock, a float valve at the bit, a full opening safety valve on the rig floor, and a Shaffer or Grants rotating head with a 7" blooey line.
6. Bottom Hole Pressure: No abnormal pressures are anticipated in the immediate area.

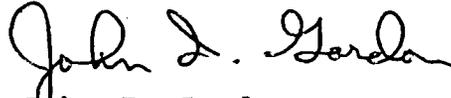
Page 2

To: Mr. Edgar W. Gynn  
From: Mr. John I. Gordon  
Date: May 1, 1975

7. Types of Drilling Fluid: Water base chemical-gel drilling mud will be used to drill surface hole. Air, air-mist, or aerated mud is to be the primary drilling medium for the remainder of the hole.

Should you require amplification of any of these points, or need additional information, please contact me.

Very truly yours,



John I. Gordon  
Agent for Colt Oil Incorporated

JIG/jmt

cc: Mr. Grant I. Gaeth, Colt Oil Inc.

\*FILE NOTATIONS\*

Date: 5-7-75

Operator: Colt Oil Incorporated

Well No: Paradise Lake Unit 5-1

Location: Sec. 5 T. 25S R. 4E County: Sewier

File Prepared

Entered on N.I.D.

Card Indexed

Completion Sheet

Checked By:

Administrative Assistant:

[Signature]

Remarks:

Petroleum Engineer/Mined Land Coordinator:

Remarks:

Director:

7

Remarks:

Include Within Approval Letter:

Bond Required

Survey Plat Required

Order No.

Blowout Prevention Equipment

Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

Letter Written

May 8, 1975

Colt Oil Incorporated  
Box 614  
Grand Junction, Colorado 81501

Re: Well No. Paradise Lake Unit 5-1  
Sec. 5, T. 25 S, R. 4 E,  
Sevier County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the General Rules and Regulations and Rules of Practice and Procedure.

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

CLEON B. FEIGHT - Director  
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 43-041-30007.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: U.S. Geological Survey

5

John I. Gordon

Petroleum Engineer

PA

2615 F Road  
Grand Junction, Colo. 81501  
(303) 243-9599

August 20, 1975

Utah Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, UT 84116

ATTENTION: Scheree Wilcox

RE: Paradise Lake Unit Well 5-1  
Sec. 5, T. 25S, R. 4E, Sevier County, Utah

In response to your letter of August 13, 1975, concerning Monthly Report of Operations for the above well, this is to advise that we have not obtained federal approval to drill the well. Our application for a permit to drill is presently pending and we expect approval early in September.

As operations on this well have not commenced, no Monthly Report of Operations have been filed. Please advise if your office needs these forms in this case and they will be sent to you. Also, we will file a form for the month in which the well is spudded.

Please note that our address has changed. All correspondence should be sent to 822 North Avenue, Grand Junction, Colorado 81501. Telephone (303) 245-3200 or, residence, (303) 243-9599.

Sincerely,

*John I. Gordon*

John I. Gordon, Agent  
for Colt Oil, Inc.

cc: Mr. Grant I. Gaeth  
Colt Oil, Inc.  
633 17th St., Suite 1270  
Denver, CO 80202



Filed 5/1/75

*John I. Gordon*

Petroleum Engineer

2615 F Road  
Grand Junction, Colo. 81501  
(303) 243-9599

2

December 9, 1975

Re: Paradise Lake Unit 5-1  
Sec. 5, T25S-R4E  
Sevier County, Utah

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

Attn: Kathy Ostler

Gentlemen:

This is in response to your letter of November 28, 1975 concerning information pertaining to the above referenced well. This is to advise that we have not received our permit to drill from the U.S.G.S. at this time. Presently the operations within the Paradise Lake Unit are suspended pending environmental conditions.

We will notify your office at the time operations resume and keep your office advised of our actions.

Sincerely,

John I. Gordon,  
Agent for Colt Oil Inc.

JIG/jmt

cc: Grant I. Gaeth, Colt Oil Inc.

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  
 Colt Oil Incorporated

3. ADDRESS OF OPERATOR  
 822 North Ave (John Gordon)  
 P.O. Box 614, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 2081' FWL, 611' FSL, Sec. 5, T25S, ~~R34E~~, Sevier County, R.4E. Utah.  
 At proposed prod. zone N/A

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 21 miles NE of Loa, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 611 ft.  
 16. NO. OF ACRES IN LEASE 280

17. NO. OF ACRES ASSIGNED TO THIS WELL N/A  
 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None  
 19. PROPOSED DEPTH 4100'  
 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 9463.81' G.L.  
 22. APPROX. DATE WORK WILL BE COMPLETED May 25, 1975

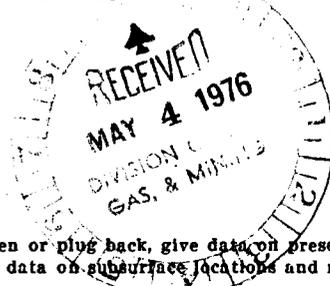
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SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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\*\*Cement volume to be determined after logging.

PROPOSED DRILLING PROGRAM

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2. Pressure test BOP and surface casing.
3. Drill out cementing shoe and drill to a depth of 4100' using air, air-mist, or aerated mud. If productive zones are found, 9 5/8" production casing will set at 4100', otherwise, the well will be plugged and abandoned. Permission will be obtained before plugging.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new pro zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blow preventer program, if any.

24. SIGNED John D. Gordon TITLE Agent DATE 5-1-75

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE MAY 11 1976

APPROVED BY E. W. [Signature] TITLE DISTRICT ENGINEER DATE MAY 11 1976

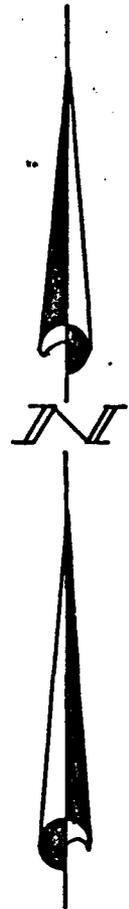
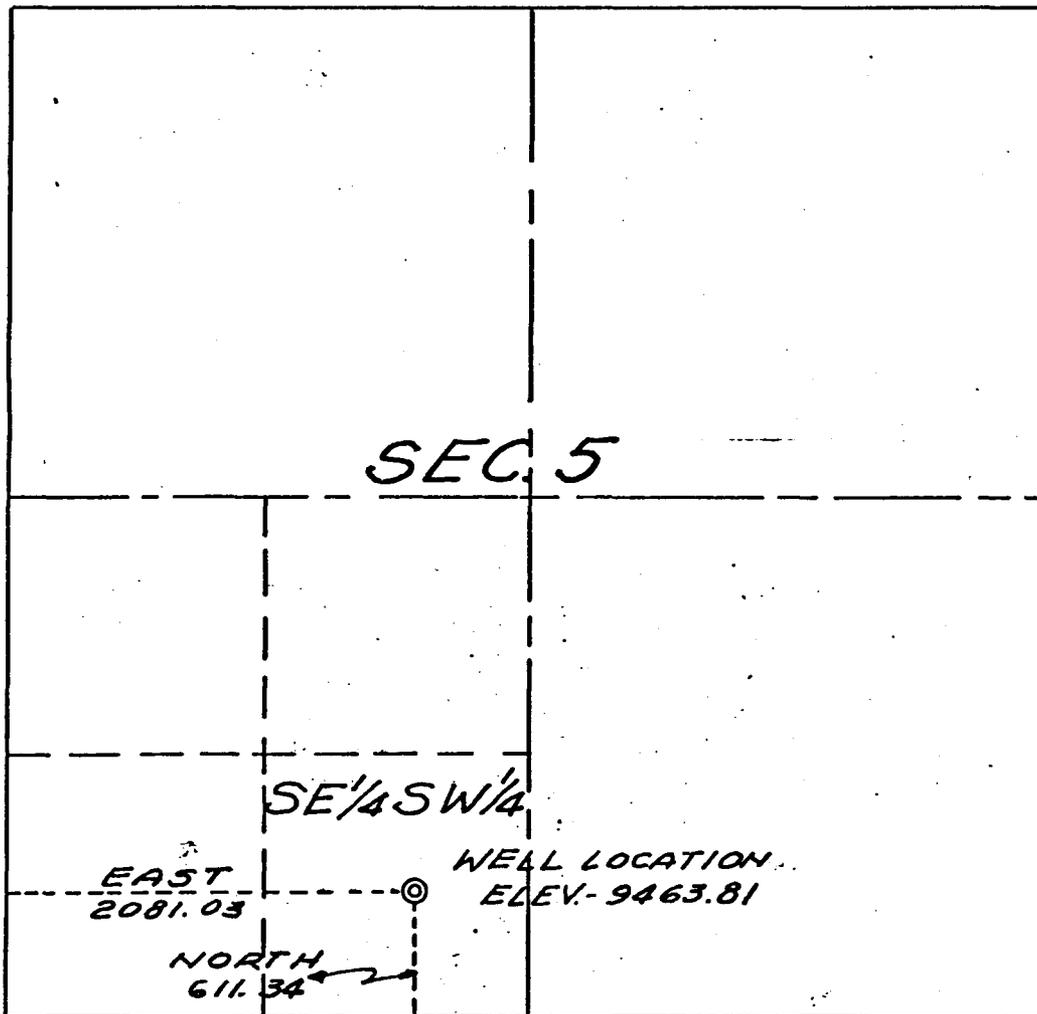
**CONDITIONS OF APPROVAL ATTACHED**

\*See Instructions On Reverse Side

**NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY PAYMENTS**

Approval Notice  
 State Oil & Gas, Utah

T.25S, R.4E. OF THE SALT LAKE MERIDIAN



SCALE - 1" = 1000'

WELL LOCATION

COLT OIL INCORPORATED

DENVER, COLORADO

PARADISE LAKE UNIT # 5-1

SITUATED IN

SE 1/4 SW 1/4 SECTION 5

T.25S, R.4E. OF THE SALT LAKE MERIDIAN

SEVIER COUNTY, UTAH

REF. POINT 150 FEET EAST - ELEV. -

REF. POINT 200 FEET EAST - ELEV. - 9468.81

REF. POINT 100 FEET NORTH - ELEV. - 9451.76

REF. POINT - 150 FEET NORTH - ELEV. -

THIS IS TO CERTIFY THAT  
 THE "WELL LOCATION" SHOWN  
 ON THIS PLAT WAS PLOTTED  
 FROM FIELD NOTES OF  
 ACTUAL SURVEYS MADE BY  
 ME OR UNDER MY SUPER-  
 VISION AND THAT THE  
 SAME ARE TRUE AND  
 CORRECT TO THE BEST  
 OF MY KNOWLEDGE  
 AND BELIEF.  
 DATE SURVEYED 6/31/19

SCARROW AND WALKER  
 REGISTERED LAND SURVEYORS

TOM WALKER

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Attn: *Clean B. Feight*

FOR U.S. GOVERNMENT USE ONLY

Well	Location	Lease No.
Colt Oil Incorporated #Unit 5-1	2081'FWL, 611'FSL, sec. 5, T. 25 S., R. 4 E., SLM, Sevier Co., Utah. Gr.El. 9464'.	U-3547
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> Landside debris and gravel deposits are found at the surface in this area and overlie Mancos. Pacific Natural Gas Expl. Co. #43-8 (8928') in sec. 8, same township, reported the following tops: Ferron-2245', Tununk-3015', Dakota-3835', Cedar Mountain-3970'.</p> <p>2. <b>Fresh Water Sands.</b> Fresh water may be found in the gravel deposits which overlie the Mancos Fm. Well of item 1 reported 15-18 bbls of water per hour above 763'. Hole was producing 20 bbls/hr at 1982' and water entry increased to 45 bbls/hr at 2400'. At 2507' conversion was made from air and soap to drilling mud due to water. Fresh water was encountered in the Mancos and Dakota Fms. in well of item 1.</p> <p>3. <b>Other Mineral Bearing Formations.</b> Valuable prospectively for coal. The coal seams (Coal, Oil Shale, Potash, Etc.) found in the Mancos Formation (Ferron) should be protected. Abundant coal reported in the Ferron Member in well of item 1.</p> <p>4. <b>Possible Lost Circulation Zones.</b> Well of item 1 reported lost circulation above 2507'. Lost circulation was also reported at 3810'.</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Well of item 1 reported caving above 2507' while drilling with air and soap. Converted to mud at this elevation.</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Unknown.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Surface gravels will have to be cased off.</p> <p>8. <b>Additional Logs or Samples Needed.</b> Adequate logs to identify coal in Mancos Formation and any fresh water zones encountered.</p> <p>9. <b>References and Remarks</b> Outside of KGS.</p>		

Date: May 12, 1975

Signed: *Ronald E. Gunnison*

UNITED STATES DEPARTMENT OF AGRICULTURE  
FOREST SERVICE  
Fishlake N. F.

REPLY TO: 2820 Leases & Permits

September 8, 1975

SUBJECT: Colt Oil Company Proposed Oil Well



TO: Regional Forester

Attached is a copy of an environmental analysis report concerning the Colt Oil Company's proposal to drill an oil well in the SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Sec. 5, T25S, R4E.

We are approving this application to drill this oil well on the Fishlake National Forest subject to the following requirements and constraints:

1. All debris will be hauled to an approved sanitary land fill site. Debris will be gathered and stored daily and hauled to the land fill weekly.
2. All disturbed areas will be completely revegetated immediately following the end of the drilling operations at this site. Seed mixture, methods, and acceptance of the final result will be approved by the District Ranger.
3. All boulders and rocks dug out, pushed out or otherwise disturbed on the drill site will be buried in the mud pit or hauled away and disposed of at the end of drilling operations at this site.
4. Streamside habitat at North Last Chance Creek - or other bodies of water - will not be disturbed.
5. Mud pits or slurry pits will be fenced to keep livestock, big game animals and people away from these pits during drilling operations and until such time as these pits are rehabilitated and revegetated after drilling operations cease.
- 6. During the elk wintering period, estimated to be December 1 to April 15, no drilling operations will be allowed. No activity will be permitted in the Last Chance or Clear Creek drainages during this elk wintering period unless otherwise approved by the Forest Ranger.
7. Any damage to forest roads or surrounding terrain by Colt Oil Company, its employees or contractors during the drilling operation will be repaired by Colt Oil Company under the supervision of the Forest Ranger. No road maintenance operations will be undertaken until approved by the Forest Ranger.



SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Colt Oil Inc.  
 Well - Unit 5-1  
 SE/SW SEC 5 T25S  
 R49 - Sevier County  
 UTAH SLM  
 USFS - N. Zofelt  
     - J. Lowe  
 COLT - G. Gaeth  
     - J. Gordon  
 USGS - B. F. ANT

- NO EFFECT
- ENHANCE
- 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	Spills and leaks

Land Use	Forestry	NA																	
	Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Wilderness																		
	Agriculture	NA																	
	Residential-Commercial	NA																	
	Mineral Extraction	?																	
	Recreation					/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Scenic Views	NA								/	/	/	/	/	/	/	/	/	/
	Parks, Reserves, Monuments																		
	Historical Sites	NO EVIDENCE																	
	Unique Physical Features																		
	Flora & Fauna	Birds				/	/	/	/	/	/	/	/	/	/	/	/	/	/
		Land Animals				/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish		NA																	
Endangered Species		NO ONE KNOWN																	
Trees, Grass, Etc.		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Phy. Charact.	Surface Water	NA																	
	Underground Water																		
	Air Quality					/	/	/	/	/	/	/	/	/	/	/	/	/	
	Erosion					/	/	/	/	/	/	/	/	/	/	/	/	/	
	Other																		
	Effect On Local Economy																		
Safety & Health																			
Others																			

CC: CM, CR, Den  
 Dist. Rpt., USFS, L & A w/o matrix

State Oil & Gas Utah

Lease

U-3457

Well No. & Location

UNIT 5-1 SE/SW SEC 5, T25N

R4E (SLM) SEVIER COUNTY, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Colt Oil Inc. proposes to drill an oil & gas exploration well to the depth of approx 4100'. To clear and level a drilling location approx 200' x 300'. To dig a reserve pit 20' x 30' to accommodate drilling operations. To construct approx. 300' of new access road.

2. Location and Natural Setting (existing environmental situation)

The proposed location is on a high barren ridge within the Fish Lake Nat'l Forest approx 2 1/2 miles NE of Loa, Utah.

The area is generally steep ridges with numerous surface boulders.

The proposed site is parallel with an existing road and will only require approx 300' of new road.

The well site is on a relatively flat area with slight slopes to the east and west.

Vegetation consists of sparse sage brush and native grasses.

There are no trees on the location however there are several stands of aspen in the surrounding canyons.

Wild life found are mule deer, elk and possibly upland game birds such as blue grouse.

North East Chance Creek is approx 1/2 mile to the NW.

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

The drilling and completion of a dry hole would have little long term effect on the environment.

If a discovery is made, careful planning will be necessary to develop the field.

There will be moderate scarring of the natural area, which will require 2-5 years to obliterate.

The drilling and associated traffic will add a minor amount of air pollution.

There will be temp disturbance of livestock & wild life.

Loss of approx one acre of natural vegetation.

4. Alternatives to the Proposed Action

Not approving the A.P.D.

Suggesting an alternate - Colt Oil had stated an alternate loc however the proposed site was picked as requiring less environmental damage.

5. Adverse Environmental Effects Which Cannot Be Avoided

- loss of NATURAL vegetation.
- temp disturbances of live stock & wildlife
- minor amount of Air pollution
- ~~At~~ Distraction from the aesthetics.

6. Determination

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

Date Inspected

5/15/75

WJA

E. J. [Signature]

Geological Survey  
Casper District  
Casper, Wyoming

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T25S-R4E

12. COUNTY OR PARISH | 13. STATE

Sevier

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

COLT OIL INC.

3. ADDRESS OF OPERATOR

P. O. Box 3052, Grand Junction, Colorado 81501

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

At surface

2081' FWL, 611' FSL, Sec. 5, T25S, R4E, Sevier  
County, Utah

14. PERMIT NO.

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

9464' G.L.

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\*

Spudding & Setting Casing

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

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

Well was spudded at 11:00 P.M. on May 3, 1976.

New 10 3/4"-40.5# casing was set at 418' KB and cemented to surface with 285 Sx. of regular cement with 2% CaCl<sub>2</sub>.



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

SIGNED

*J. L. Gurd*

TITLE

Agent

DATE

5-10-76

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

K

CIRCULATE TO:  
DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

FILED

RETURN TO *Kachy*  
FOR FILING

May 24, 1976

MEMO FOR FILING

Re: Colt Oil & Gas Company  
Paradise Lake #5-1  
Sec. 5, T. 25 S., R. 4 E.  
Sevier County, Utah

This drilling location was checked on May 19, 1976. Willard Pease Drilling Company rig #2 was on the location. As a safety check had been performed on this rig a very short time ago, it was not rechecked.

They were presently at 1758' and were fighting a severe lost circulation problem. Halliburton Company was rigged up and had previously mixed and displaced 200 sacks of cement in an effort to shut-off the troublesome zone. The rig was in the process of W.O.C.

The location is poorly built and appears to have had a minimal amount of housekeeping effort.

*P L Driscoll*  
PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. Geological Survey

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUBMIT IN TRIPPLICATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-3547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Paradise Lake

8. FARM OR LEASE NAME

9. WELL NO.

5-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 5, T25S, R4E

12. COUNTY OR PARISH 13. STATE

Sevier

Utah

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Colt Oil Incorporated

3. ADDRESS OF OPERATOR  
P. O. Box 3052, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface 2081' FWL, 611' FSL, Sec. 5, T25S, R4E, Sevier County, Colorado

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
9464' G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Well was spudded at 11:00 P.M. on May 3, 1976, due to drilling problems encountered between 400' and 1600' hole had to be abandoned and the rig skidded to a new location.

Surface casing set at 418' KB and cemented to surface with 285 Sx. of regular cement with 2% CaCl<sub>2</sub>.

Cement plugs set at 1270'-480', 650 Sx. regular.

Bridge Plug set at 401' KB with 65 Sx.

Surface Plug set with 10 Sx. Regular.

Surface Casing cut off 3' below grade level and steel plate welded over surface casing.



SEE ATTACHED RESUME FOR DRILLING PROBLEMS ENCOUNTERED.

APPROVED BY THE DIVISION OF OIL, GAS AND MINING  
DATE: May 28, 1976  
BY: P. H. Amos

18. I hereby certify that the foregoing is true and correct  
SIGNED: [Signature] TITLE: Engineer DATE: 5-25-76

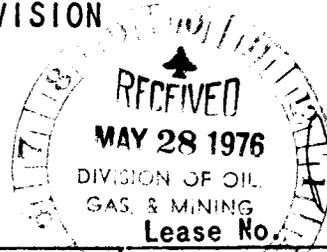
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH



Well	Location	Lease No.
Colt Oil Incorporated #Unit 5-1	2061 'FWL, 591 'FSL, sec. 5, T. 25 S., R. 4 E., SLM, Sevier Co., Utah. Gr.El. 9464'.	U-3547

1. Stratigraphy and Potential Landside debris and gravel deposits are found at the Oil and Gas Horizons. surface in this area and overlie Mancos. Pacific Natural Gas Expl. Co. #43-8 (8928') in sec. 8, same township, reported the following tops: Ferron-2245', Tununk-3015', Dakota-3835', Cedar Mountain-3970'.
2. Fresh Water Sands. Fresh water may be found in the gravel deposits which overlie the Mancos Fm. Well of item 1 reported 15-18 bbls of water per hour above 763'. Hole was producing 20 bbls/hr at 1982' and water entry increased to 45 bbls/hr at 2400'. At 2507' conversion was made from air and soap to drilling mud due to water. Fresh water was encountered in the Mancos and Dakota Fms. in well of item 1.
3. Other Mineral Bearing Formations. Valuable prospectively for coal. The coal seams (Coal, Oil Shale, Potash, Etc.) found in the Mancos Formation (Ferron) should be protected. Abundant coal reported in the Ferron Member in well of item 1.
4. Possible Lost Circulation Zones. Well of item 1 reported lost circulation above 2507'. Lost circulation was also reported at 3810'.
5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Well of item 1 reported caving above 2507' while drilling with air and soap. Converted to mud at this elevation.
6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown.
7. Competency of Beds at Proposed Surface gravels will have to be cased off. Casing Setting Points.
8. Additional Logs or Samples Needed. Adequate logs to identify coal in Mancos Formation and any fresh water zones encountered.
9. References and Remarks Outside of KGS. Previous report was submitted on May 12, 1975, only the drill hole location has been changed.

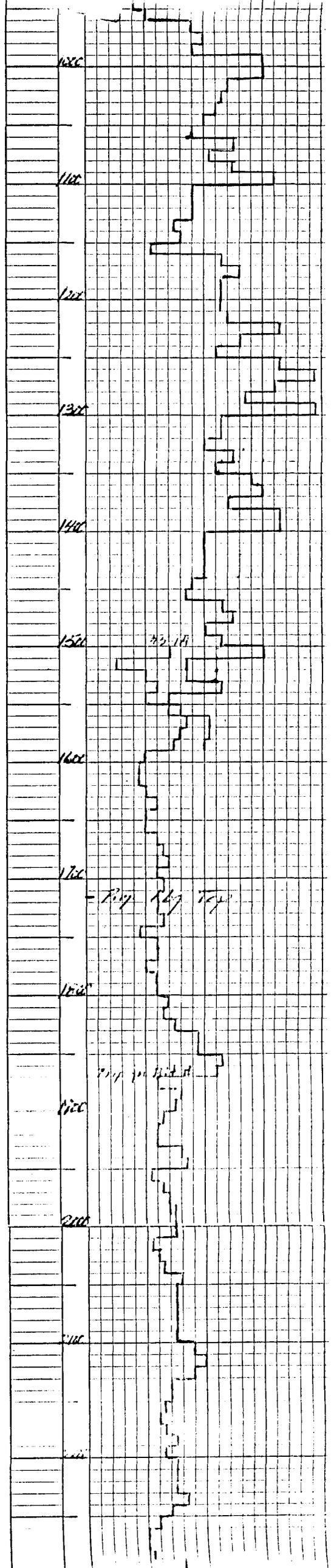
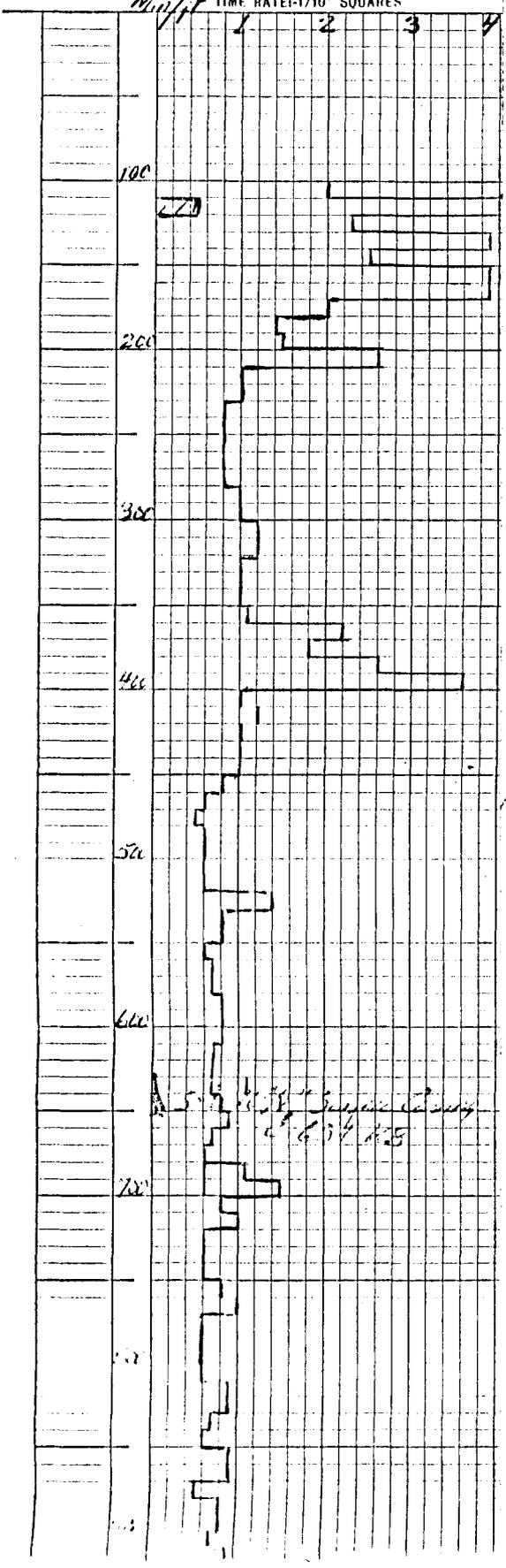
Date: May 27, 1976 Utah O&G&M Comm. Signed: Ellen Marie Pira

STATE <i>Utah</i>		COMPANY <i>COIT OIL INC</i>	
COUNTY <i>Sevier</i>	FARM <i>Paradise Lake Unit 1-5</i>	WELL NO. <i>95-1A</i>	
BLOCK	SURVEY <i>SE SW</i>		
SEC. <i>5</i>			
T. <i>25S</i>	R. <i>4E</i>	TOTAL DEPTH <i>4121'</i>	
CONTRACTOR <i>Pease Drilling</i>			
COMMENCED <i>5/3/76</i>			
COMPLETED <i>6/22/76</i>			
REMARKS <i>D&amp;A</i>			
ALTITUDE <i>7150</i>			
PRODUCTION <i>2411</i>			

CASING RECORD

<i>10" @ 650'</i>	
<i>7" @ 2735'</i>	

SHOT	QUARTS	BETWEEN
TIME RATE SCALE: 1/10" = MINUTES		
<i>headbill 450</i>	ROSEN MARTIN CO. TULSA, OKLAHOMA	PRINTED IN U.S.A.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R334.5.

LAND OFFICE Salt Lake City  
LEASE NUMBER U-3547  
UNIT Paradise Lake

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Sevier Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1976,

Agent's address P. O. Box 3052, Company Colt Oil Inc.  
Grand Junction, Colorado 81501 Signed [Signature]

Phone (303) 245-1958 Agent's title \_\_\_\_\_

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE 1/4 SW 1/4 Sec. 5	25S	4E	5-1	-	-	-	-	-	-	Well spudded on May 3, 1976 at 11:00 P.M. Due to drilling problems, this hole was abandoned on May 23, 1976 and rig skidded.
SE 1/4 SW 1/4	25S	4E	5-1A	-	-	-	-	-	-	Well spudded on May 30, 1976 at 10:00 A.M.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



P

May 6, 1976

Re: Paradise Lake Unit Well  
No. 5-1, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 5,  
T25S, R4E, Sevier County,  
Utah

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

Dear Mr. Guynn:

An inspection trip was made to the above well on May 5, 1976. The trip was made after a complaint was filed with the U.S.G.S. regarding the drilling operations. Specifically, the complaint stated that water was being removed from a nearby stream and was being returned to the stream containing the drill cuttings.

After inspecting the location and nearby stream, I found this was absolutely not true. No evidence was present of any spill or runoff of any muddy water, drill cuttings, etc. The only possibility of anything of this nature was that a drainage ditch had been constructed so the snow run-off would be diverted around the location.

It is my understanding that some water had drained off, but upon inspection of the area, no mud was present on the grass below the ditch and no evidence existed that any muddy water had entered the stream. Subsequent questioning of Mr. Russell Morris, the tool pusher on the rig, revealed that no tools had been washed off in the stream nor had any operations been allowed to enter the stream.

Apparently, the complaint had been lodged by a rancher downstream of the rig. The stream is North Last Chance Creek, and the nearest ranch must be a minimum distance of 20 miles. The complaint was filed the first day of operations on May 4, 1976. When I was on location, the well was about 40 ft. in depth. The first

Page 2

To: Mr. E. W. Gynn  
From: Mr. John I. Gordon  
Date: May 6, 1976

35 ft. was drilled with air, and the hole was mudded up about the time the complaint was issued. The additional hole was drilled shortly thereafter, but operations had to be suspended due to mud pump problems.

The above are my observations and understanding of the problem. I believe that a misconception exists regarding the complaint; however, if a spill did happen, it was unintentional on our part as we are trying to maintain the highest quality of operations. We certainly appreciate the cooperation extended by your office and your concern pertaining to our drilling of the well. Similarly, we are very concerned about our operations also.

Very truly yours,

Original Signed By  
**JOHN I. GORDON**

John I. Gordon,  
Agent for Colt Oil Inc.

JIG/jmt

cc: Mr. Grant I. Gaeth, Colt Oil Inc.

Dear Grant:

We are enclosing the approved drilling permit for the above referenced well. Please note that several Forest Service drilling stipulations are attached.

PARADISE LAKE UNIT #5-1  
Sevier County, Utah

Problems Encountered with Drilling the Hole

<u>Date</u>	<u>Item</u>
5-3-76	Spudded at 11:00 P.M. on 5-3-76.
5-4-76	TD 35'. Drilled 35' with air and hit water. Shut down because of mud pump problems and jet problems. Received spill complaint.
5-5-76	TD 45'. Traveled to location to review spill complaint. Rig still having mud pump problems.
5-6-76	U.S.G.S. technician to be at location.
5-8-76	TD 419' Prepare to run 10 3/4" surface casing.
5-9-76	TD 419' Ran and cemented 418' of 10 3/4"-40.5# casing with 285 Sx. cement. Circulated cement to surface.
5-10-76	Nipple up and test BOP's. Prepare to drill out with air.
5-10-76 to 5-21-76	Air-mist drilled to 1500'. Mudded up and drilled to Emery at 1625' and lost full returns. Began pulling out and hole caved in sticking pipe. Worked loose and tripped out. Ran in and found bridge at 460 ft. Worked through bridge by drilling and reaming to about 600'. Regained full circulation and drilled ahead. Apparently a sidetracked hole was drilled to 1650'. Lost complete circulation to 1752'. Pulled out to run casing. Pipe sticking and finally stuck at 600'. Jarred pipe loose and pulled out. Ran in with drill pipe to condition hole to run casing. Unable to get below 480'. Set six cement plugs attempting to regain circulation. Fluid level about 200 ft. from surface. Between cement plugs, numerous mud sacks, pine boughs, and sagebrush were pumped to bottom with no apparent effect. Set two more cement plugs and regained circulation in afternoon of 5-21-76. Lost circulation material in mud was running 40-50% and consisted of sawdust. Total mud lost to date is approximately 4000 bbls. Cement used is approximately 700 Sx. Even tried to aerate mud with no success.
5-22-76	Drilling ahead in another sidetracked hole.
5-23-76	TD 1270'. Lost complete circulation and pumped away about 400 bbl of mud containing 40% LCM. Fluid level

Page 2  
Paradise Lake Unit #5-1  
Sevier County, Utah

<u>Date</u>	<u>Item</u>
5-23-76 cont.	about 300 ft. Mud weight 8.5 to 8.6 lb/gal. Decided to plug and abandon hole and skid rig. Set cement plugs at:  TD - 650 Sx. Regular Set BP - 401' KB with 65 Sx. Regular Surface - 10 Sx.  Contractor unable to locate any company rep.
5-24-76	Moved in two cats to enlarge location. Will have to move about 10'-15' of Southwest bank on location. Contacted U.S.G.S. about requirements for new location.



## COLT OIL INCORPORATED

First of Denver Plaza, Suite 1270  
633 Seventeenth St. • Denver, Colo. 80202  
phone (303) 534-3460

P

### DAILY DRILLING REPORT

Paradise Lake Unit #5-1  
SE SW Section 5, T25S, R4E, SLM  
Sevier County, Utah

Gr. Elev. = 9464'

5/1/76 Moving in.  
5/2/76 Rigging up rotary tools.  
5/3/76 Spudded well, 11:00 p.m.  
5/4/76 Drilling @ 35' with air.  
5/5/76 Controlling lost circulation @ 45'.  
5/6/76 Drilling @ 265'. Survey @ 130' = 1/4°.  
5/7/76 Ran and cemented with 275 sxs class g 3% CaCl cement  
10 3/4" casing set @ 394.25' ground level. Plug down  
4:30 a.m.  
5/8/76 Waiting on cement.  
5/9/76 Total depth 494', waiting on air compressor.  
5/10/76 Drilling @ 1209'.  
5/11/76 Drilling @ 1416', deviation 1 1/2° @ 1240', waiting on  
booster motor.  
5/12/76 Drilling @ 1604'.  
5/13/76 Fighting lost circulation after mudding up @ 1605'.  
5/14/76 Stuck @ 689'. TD 1716'.  
5/15/76 Reaming @ 1000'.  
5/16/76 Cleaned out to 1470', attempting to regain circulation.  
5/17/76 Cleaned out to 1570'.  
5/18/76 Reached depth of 1752'; while going in to condition hole for 7"  
casing found bridge @ 450'. Reaming @ 550'.  
5/19/76 Total depth 1752'; drilling @ 570' with 6 1/4" bit and no drill  
collars - no circulation in hole after hitting bridge @ 450'.  
5/20/76 Total depth 1752'. Set #4 and #5 cement plugs. Last plug 2:00 a.m.  
Waiting on cement.  
5/21/76 Total depth 1752'. Prepared to drop #6 and #7 cement plugs on  
amalgamated lost circulation material.  
5/22/76 Lost circulation.  
5/23/76 Plugged and abandoned location at 1752'. Preparing to skid rig  
to alternate location upon approval of the various regulatory  
agencies.  
5/28/76 Skidded rig over 50 feet; obtained permission to drill alternate  
site; drilling contractor estimates spud date to be 5/30/76.  
5/30/76 Spudded Paradise Lake Unit #5-1A @ 10:00 a.m.  
5/31/76 Drilling 15" hole @ 257'.  
6/1/76 Drilling @ 431' with lost circulation in gravel zone. Corrected  
from 480'.  
6/2/76 Drilling @ 443' with lost circulation in gravel zone.

Page Two

Paradise Lake Unit #5-1A

SE SW Section 5, T25S, R4E, SLM

Sevier County, Utah

Gr. Elev. = 9464'

- 6/3/76 Total depth 480' in 8 3/4" hole; base of 15" hole is 444'. Presently mixing mud after drilling in 8 3/4" hole with partial returns.
- 6/4/76 Drilling @ 500' with full returns. Target for surface casing is 700'.
- 6/7/76 Setting 10 3/4" surface casing at 651'.
- 6/8/76 Set and cemented @ 650' RKB 10 3/4", 40# surface casing with 470 sxs. Had full returns throughout; no cement to surface; nipped up, prep to dry hole and drill with air-mist.
- 6/9/76 Drilling @ 1035' with air-mist, drilled 384' in 7.5 hrs.
- 6/10/76 Total depth 1872'. Tripping. Deviation = 2° @ 1872'.
- 6/11/76 Drilling @ 2576'. 704' in 24 hours.
- 6/14/76 Total depth 2758'; attempting to run 7" string of intermediate casing.
- 6/15/76 Total depth 2758'; cleaned out to 1700' with mud.
- 6/16/76 Set and cemented 7" intermediate casing with 100 sxs @ 2735' K. B.; No circulation; Plug down 11:00 P.M.; W.O.C.
- 6/17/76 Drilling @ 2895' @ 11:00 A.M.; commenced drilling cement @ 4:00 A.M.; Started making 1/2" to 1" stream of water below 2758'; converted from air to air mist.
- 6/18/76 Tripping for Bit #8 @ 3229'. Deviation = 3 3/4° @ 3200'.
- 6/21/76 Total depth 4121'. Logging.
- 6/22/76 Shot and pulled 985' of intermediate 7" casing. Plugged and abandoned well according to USGS plugging orders as follows:
- 2585-2735' : Set 50 sx plug in 7" casing.
  - 600-700' : Set 50 sx plug in and under 10 3/4" casing.
  - Surface : Set 10 sx with appropriate dry hole marker.



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

CLEON B. FEIGHT  
*Director*

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

August 26, 1976

Colt Oil Inc.  
P. O. Box 3052  
Grand Junction, Colorado 81501

Re: Well No. Paradise Lake 5-1  
Sec. 5, T. 25S, R. 4E  
Sevier, County, Utah

**NOT  
REQUIRED**

Gentleman:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed form OGC-3 in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER  
RECORDS CLERK