

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet _____

Location Map Finned

Card Indexed

IWR for State or Fee Land _____

Checked by Chief _____

Copy NID to Field Office _____

Approval Letter

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 8-17-77

OW _____ WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log

Electric Logs (No.)

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ 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
 Reserve Oil, Inc.

3. ADDRESS OF OPERATOR
 P. O. Box 5568, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface NE/4 SW/4 1681' FEL, 2631' FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 53 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1681'

16. NO. OF ACRES IN LEASE
 960

17. NO. OF ACRES ASSIGNED TO THIS WELL
 640

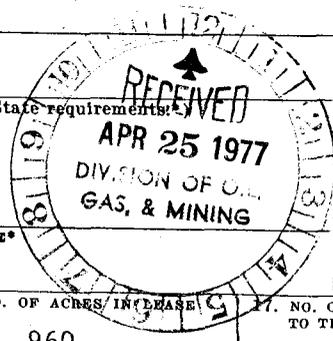
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 600'

19. PROPOSED DEPTH
 3800'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5375' GR

22. APPROX. DATE WORK WILL START*
 6/1/77



5. LEASE DESIGNATION AND SERIAL NO.
 U-0685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Peters Point

8. FARM OR LEASE NAME

9. WELL NO.
 #14

10. FIELD AND POOL, OR WILDCAT
 Peters Point - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T13S-R17E

12. COUNTY OR PARISH
 Carbon

13. STATE
 Utah

22. APPROX. DATE WORK WILL START*
 6/1/77

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	54#	40	50 sx.
12-1/4"	8-5/8"	24#	350	350 sx.
7-7/8"	5-1/2"	15.5#	3800	400 sx, or as required

- Proposed to drill through lower Wasatch sands to 3800' using casing and cement program shown in Item 23. Surface Fm is Green River.
- Estimated top of Wasatch marker is at 1400' (+3975' VSS).
- Attached are the multi-point surface use plan and drilling program to be made part of this application.
- The casinghead will be 10-3/4" x 8-5/8" series 900, 2500# flanged.
- The BOP will be 10" series 900 single ram w/Hydril tested to 2500#.
- Potentially productive sands will be tested thru 5 1/2" csg.
- There are no abnormal pressures, temperatures or potential hazards such as H₂S anticipated in drilling this well.

Drilling Unit #23, CAuse No. 157-1

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 Donald F. Wivchar TITLE Sr. Petroleum Engineer DATE 4-20-77
 (This space for Federal or State office use)

PERMIT NO. 43-004-30039 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 4-25-77
 BY: Dean B. Lightfoot

*See Instructions On Reverse Side

RESERVE OIL INC.

13 Point Surface Use Plan

for

Well Location

Peters Point No. 14

Located In

Section 7, T13S, R17E, S.L.B. & M.

Carbon County, Utah

Reserve Oil Inc.
Sec. 7, T13S, R17E, S.L.B. &M.
Peters Point #14

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Reserve Oil Inc. well location in Section 7, T13S, R17E, S.L.B. &M., Carbon County, Utah, proceed along the following state and county roads from Wellington, Utah; East on State Highway 123, 2.5 miles; thence North on State Highway 53, 41 miles; thence East up Nine Mile 6.5 miles; thence South up Cottonwood Canyon 8.5 miles; thence East on unimproved dirt road 3.4 miles down the south side of the North Fork Jack Creek to the junction of the proposed access road to be discussed in Item #2.

Surface materials of the existing roads are shale rock and sandstone of the Green River formation having unlimited load capacity. The existing roads are rough and rocky including sharp turns and steep grades through the canyons.

Except for the last 0.7 miles described above, there is no anticipated construction on any of the above described road. It will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling of this well and the production of such if production is established.

The last 0.7 miles will require some grader work to meet the necessary standards.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the last portion of the existing road described in Item #1 in the NE 1/4 Sec. 12, T13S, R16E, S.L.B. & M. and proceeds in an easterly direction down the south side of the North Fork Jack Creek Canyon 0.5 miles to the location site in Section 7, T13S, R17E, S.L.B. & M.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well the following standards will be met.

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

2. PLANNED ACCESS ROAD (Continued)

The terrain that the road traverses is down the side of the North Fork Jack Creek Canyon that is extremely narrow and will cross the drainages where necessary by the use of fords. The terrain is vegetated with juniper, pinion, sagebrush, and sparse amounts of grasses.

3. LOCATION OF EXISTING WELLS

As shown on Topographic Map "B", there are existing wells within a two-mile radius of the proposed well site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All production facilities are to be contained within the proposed location site. There are no other Reserve Oil Incorporated flow, gathering, injection, or disposal lines within a one-mile radius. In the event production is established, plans for any necessary production facilities from the location shall be submitted. (See attached Topographic Map "B".)

5. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well will be hauled from a point in Nine Mile Creek located in the SW 1/4 SW 1/4 Section 9, T12S, R16E, S.L.B. & M. Said point also being at the mouth of Cottonwood Canyon 13 road miles northwest of the location.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet. The BLM District Manager shall be notified before any construction begins on the proposed location site. When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet Item No. 9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in trash pit shall be buried with a minimum of 5' of cover. The reserve pit will be completely fenced and allowed to dray before covering. Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items No. 7 and 10.

11. OTHER INFORMATION

The topography of the General Area - (See Topographic Map "A")

The terrain of the area sets on the southwestern portion of the Roan Plateau and being part of what is known as the Book Cliff Mountains to the south, and generally sloping to the northeast forming the western portion of the Uinta Basin.

The area consists of numerous ridges and canyons formed by non-perennial streams and washes. The sides of the mountains and canyons are extremely steep and outcrops of sandstones and conglomerates are common in the area forming ledges and cliffs along the sides of the canyons.

The geologic structures of the area are from the upper unit of Parachute Creek and middle unit of Parachute Creek from the Green River formation of the Eocene Era.

Reserve Oil Incorporated
Sec. 7, T13S, R17E, S.L.B. & M.
Peters Point No. 14

11. OTHER INFORMATION (Continued)

The major drainages in the area with a year-round flow are the Nine Mile Creek to the north and the Green River to the east.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Outcrops of sandstone, shale, and conglomerate are common.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) type soil.

Due to the low precipitation average, climate conditions and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, and consists of sagebrush, rabbit brush, some grasses, and cacti as the primary flora.

The fauna of the area is sparse and consists predominately of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by many for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are hawks, finches, ground sparrows, magpies, crows, and jays.

Topography of the Immediate Area (See Topographic Map "B")

The location sets on the east end of a small ridge that runs in an east-west direction and slopes to the north rather steeply into a non-perennial drainage that is a tributary to Jack Creek drainage.

The geologic structure of the location is of the Green River formation and consists of brownish-gray sandy-clay (SP-CL) with some sandstone outcrops.

The ground slopes through the location to the northeast at approximately an 8% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

Reserve Oil Incorporated
Sec. 7, T13S, R17E, S.L.B. & M.
Peters Point No. 14

12. LESEE'S OR OPERATOR'S REPRESENTATIVES:

Claude Bard
Field Superintendent
Office: (303) 861-7800
Home: (303) 772-3939
Mobile: (801) 789-6281

Jack Bendler
Div. Operations Superintendent
(303) 861-7800
(303) 988-9344

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by a drilling contractor who has not yet been designated, and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

4/21/77
DATE



Jack C. Bendler
Div. Operations Superintendent

RESERVE OIL, INC.
Peters Point #14
Sec. 7, T13S-R17E
Carbon County, Utah

DRILLING PROGRAM

1. Set 40' of 13-3/8" OD casing (conductor joint) and cement using a rathole drilling machine.
2. MIRT.
3. Drill 7-7/8" hole w/mud and ream to 12-1/4" for surface casing. Select surface casing point - 350'. Run deviation surveys at 100', 225', and bottom of surface hole.
4. Rig up and run 8-5/8" OD 24# casing to 350'[±]. Use Texas pattern shoe, insert float and two to three centralizers on shoe joint, middle of string and 30' to 40' from surface.
5. Cement to surface w/350'[±] sx. class "G" cement, 3% CaCl₂, 1/4 lb/sack flocele. If well has had bad loss of circulation, add 2% gel to cement.
6. WOC 24 hrs. Nipple up and install BOP after 12 hrs. After 24 hrs., pressure test to 1500 psi for 30 mins. before drilling plug.
7. Drill 7-7/8" hole to TD, 3800'[±] with mud. Lignosulfonate type mud w/3-5% diesel to control water loss to 4-5 cc. Wt. 9.0, Vis 35-50.
 - 7(a) Survey well at depth of 1000'. If necessary, make dyna drill run to deviate hole south of center line of Sec. 7. Resurvey well as required.
8. Condition hole for logging. Make short trip and condition hole before logging.
9. Run open hole logs.
10. If csg. is to be run, drill to a depth of 100'[±] below last possible producing zone.
11. Run 5-1/2" OD 15.5# csg. to TD. Use scratchers and centralizers as required by possible producing zones - reciprocate pipe as much as conveniently possible (20'-35').
12. Cement casing to 400' above uppermost possible zone - 100% excess allowed.
13. MORT. Completion program will be issued later.

RESERVE REPRESENTATIVES

Mr. Claude Bard, Field Supt.
Office Phone: (303) 861-7800
Home: (303) 772-3939
Mobile: (801) 789-6281

Mr. Jack Bendler, Div. Opr. Supt.
(303) 861-7800
(303) 988-9344

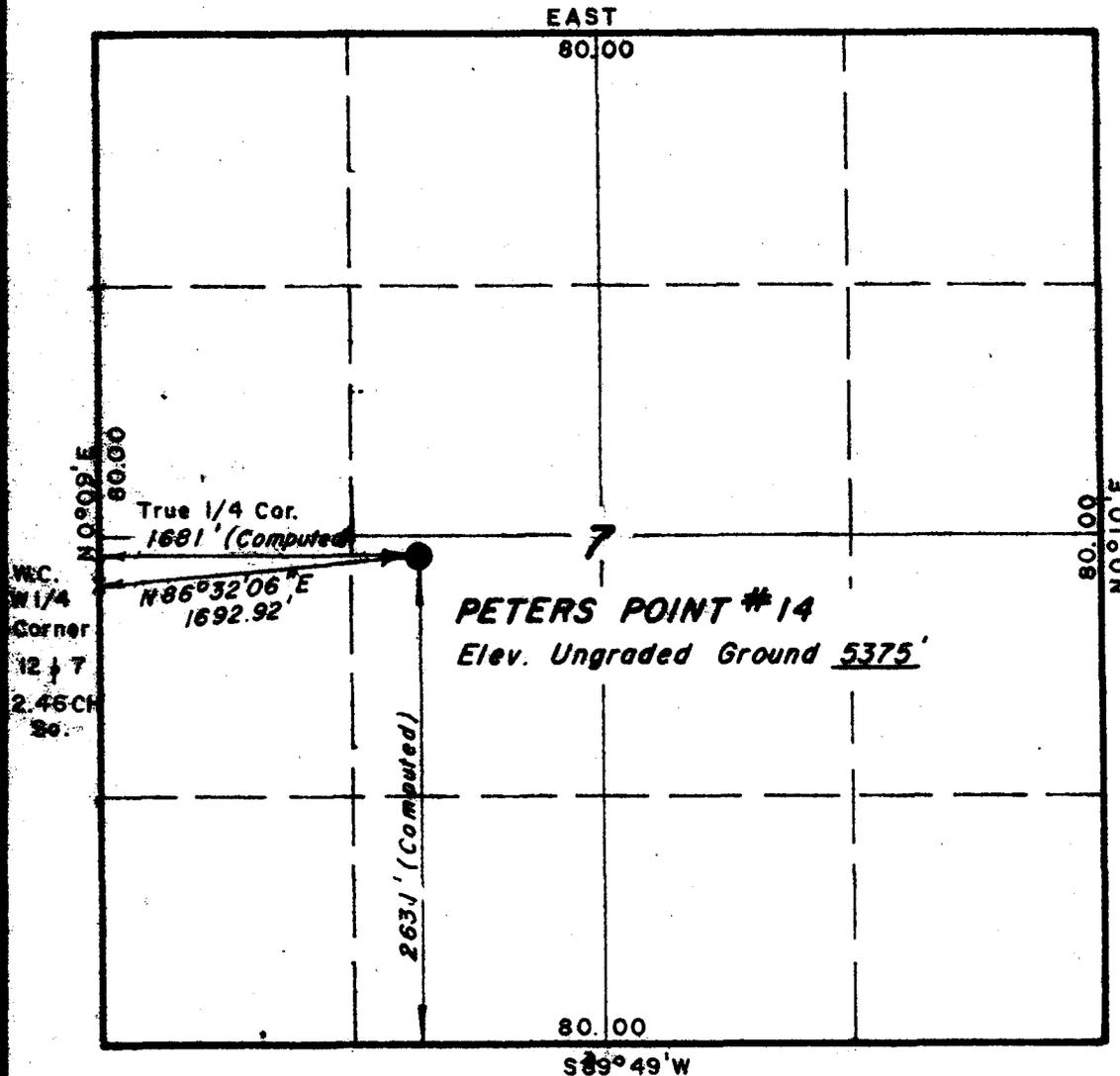
JCB:pm

4-14-77

T13S, R17E, S.L.B.&M.

PROJECT
RESERVE OIL INC.

Well location, PETER POINT
#14, located as shown in the NE 1/4
SW 1/4, Section 7, T13S, R17E,
S.L.B.&M., Carbon County, Utah.



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.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

Revised 4/18/77

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

SCALE 1" = 1000'	DATE 4/14/77
PARTY D.A. D.G.	REFERENCES SLO Plat
WEATHER Fair	FILE RESERVE OIL INC.

X= Section Corners Located

Solar Observation made on April 30, 1976.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: April 25 -
Operator: Reserve Oil & Gas
Well No: Peter Permit #14
Location: Sec. 7 T. 3S R. 17E County: Carbon

File Prepared Entered on N.I.D.
Card Indexed Completion Sheet

CHECKED BY:

Administrative Assistant [Signature]

Remarks: Del. Unit #23 S 1/2 7 + N 1/2 18 - OB

Petroleum Engineer [Signature] contingent upon B.M. Survey.

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required Survey Plat Required

Order No. 157-1 Surface Casing Change to

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

O.K. Rule C-3 O.K. In Peter Permit Unit

Other:

[Signature] letter written/Approved



RESERVE OIL, INC.

P. O. BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
(303) 861-7800

WESTERN DIVISION

DONALD F. WIVCHAR
Senior Petroleum Engineer

April 21, 1977

U.S. Department of Interior
Geological Survey
8426 Federal Bldg.
Salt Lake City, Utah 84138

Attn: E. W. Guynn, District Engineer

RE: APD Peters Point #14
NE SW Sec 7-T 13 S-R 17 E
Carbon County, Utah

Dear Mr. Guynn:

Enclosed are three copies of the following items submitted in accordance with NTL-6 to drill proposed well, Peters Point #14:

Form 9-331 C Application for Permit to Drill
13 Point Surface Use Plan
Drilling Program
Location Plat

Please let me know if any additional documentation is needed.

Very truly yours,

Donald F. Wivchar

DFW/jk
Enclosure

cc: State of Utah
Division of Oil & Gas Conservation



91 (D-13-16) 10 b.c.c.
Depths of fresh-water zones:

Chorney Oil Co., Peters Point #1-10, Wildcat

500' fwl, 2,094' fnl, sec 10, T 13 S, R 16 E, Carbon Co., Utah

Elev 7,112 ft G. Proposed depth 6,000 ft.

<u>Stratigraphic units</u>	<u>Tops, roughly approx.</u>	<u>Quality of water</u>
Green River Formation	surface	usable/saline
Wasatch Formation	2,500 ft	saline/brine
Mesaverde Group	5,900 ft	brine

There are no water wells in the vicinity of the proposed test. Usable water may be found as deep as 2,000 feet below land surface. Deeper aquifers contain more saline water or brine.

USGS - WRD
4-3-72

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Reserve Oil, Inc. # 14	1681' FWL, 2631' FSL, Sec. 7 T13S R17E, SLM, Carbon Co, Utah GREL 5375'	U-0685
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>The surface rocks are of the middle unit of the Parachute Creek member of Green River Formation, which is a chief oil shale unit. Kembarck Operating Co. well # 10, Sec. 6 same Twp., reports the following tops: Douglas Cr. 1350', L. Green River - 2734', Wasatch - 2790', TW-2 Sand - 2880', TW-3 Sand - 2935', TW-4 Sand - 3026', Chapita - 3394', Lower Jw sand - 4680', T.D. - 4846'.</i></p> <p>2. Fresh Water Sands. <i>See WRD report on page 2.</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) <i>Within oil shale withdrawal 5327 E.O., oil shale found in the Mahogany zone of the Parachute Creek member of the Green River Fm. Should be protected.</i></p> <p>4. Possible Lost Circulation Zones. <i>Unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>Unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>Unknown.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>Probably adequate.</i></p> <p>8. Additional Logs or Samples Needed. <i>Sonic, density, electric, neutron, gamma ray.</i></p> <p>9. References and Remarks <i>Within Peter's Point K.S.S.</i></p>		
Date: 5-6-77		Signed: Eileen Pera

ATTACHMENT 2-A

RESERVE OIL INC.
 LEASE # U-0685
 WELL # 14 PETERS POINT
 NE SW SEC. 7 T13S R17E
 CARBON COUNTY, UTAH
 G.S. JOHN DENNIS
 BLM. FRANCIS
 REP. CLAUDE BARD
 DIRT CONT. FLOYD MURRY

- ENHANCES
- NO IMPACT
- MINOR IMPACT
- MAJOR IMPACT

	Construction			Pollution			Drilling Production			Transport Operations			Accidents		Other			
	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	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Wilderness	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Agriculture	N/A																		
	Residential-Commercial	N/A																		
	Mineral Extraction	/	0	0	/	/	/	/	0	/	/	/	/	/	0	0	/	/	/	/
	Recreation	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Scenic Views	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Parks, Reserves, Monuments	N/A																		
	Flora & Fauna	Historical Sites	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Unique Physical Features		N/A																		
Birds		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish		N/A																		
Endangered Species		N/A																		
Trees, Grass, Etc.		/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Phy. Charact.	Surface Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Underground Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Air Quality	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Erosion	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
	Other	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Effect On Local Economy	/	0	/	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/	/	
Safety & Health	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
Others	Orig - Fuel cc: Reg - Damaged Blue Oil & Gas BLM Price w/o market																			

Lease U-0685

Well No. & Location 14 NE SW SEC. 7 T13S R17E

CARBON COUNTY, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 3900 FT. TD. 2) TO CONSTRUCT A DRILL PAD 180 FT. X 150 FT. AND A RESERVE PIT 125 FT. X 70 FT. 3) TO CONSTRUCT 18 FT. X 0.5 MILES ACCESS ROAD AND UPGRADE FT. X MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

REFER TO ITEM 11 OF THE 13 PT. SURFACE USE PLAN FOR LOCATION AND NATURAL SETTING.

THE BURN PIT WILL BE COVERED WITH WIRE MESH TO PREVENT DEBRIS FROM SCATTERING AROUND AREA

IN THE EVENT A DRY HOLE IS ENCOUNTERED WE REQUIRE THE ACCESS ROAD BE REHABED AND RESTORED TO AS NEAR NATURAL AS POSSIBLE.

RESTORATION & RE-SEEDING WILL BE DONE TO COMPLY WITH USGS & BLM REQUIREMENTS.

AN ARCHEOLOGICAL STUDY OF THIS AREA IS REQUIRED

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) NO ALTERNATE LOCATION COULD BE FOUND TO JUSTIFY THIS ACTION

5. Adverse Environmental Effects Which Cannot Be Avoided

- 1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM TRUCK ENGINES AND SUPPORT TRAFFIC ENGINES.
- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.
- 3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
- 4) TEMPORARY DISTURBANCE OF LIVESTOCK.
- 5) MINOR AND SHORT-TERM VISUAL IMPACTS.
- 6)

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 5-12-77
Inspector [Signature]

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



RESERVE OIL, INC.

P. O. BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
(303) 861-7800

WESTERN DIVISION

ROBERT P. MANGOLD
Operations Manager

April 26, 1977

State of Utah
Oil, Gas and Mining Commission
1588 West, North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight
Director

CIRCULATE TO:

- DIRECTOR _____
 - PETROLEUM ENGINEER _____
 - MINE OPERATOR _____
 - ADMINISTRATIVE ASSISTANT _____
 - ALL _____
- RETURN TO Cheri
FOR FILING

Dear "Jack":

Cheri called this morning with reference to our Application for Permit to Drill the Peters Point #14 well in Carbon County, Utah. We need a topographic exception for the drilling of this well, because of the extremely rugged canyon topography in the area of the location, which makes it nearly impossible to find an area of sufficient size to accommodate a drilling rig and appurtenances. We thought that the foregoing had been explained on the back side of the Application, but apparently it was inadvertently left off of the copy sent to you. Here is what was shown on the original permit which went to the USGS:

"This location will be the drilling well for State Drilling Unit #23. Because of the rugged canyon topography in the south half of Sec. 7, the well has to be located where shown. There are no suitable locations available in the north half of Sec. 18.

During drilling, the well will be surveyed and deviated as far south from the surface location as is economically feasible. A directional survey will be provided."

I trust that the foregoing is an adequate explanation for your purposes. If you need any additional information, please contact me.

Best personal regards,

R. P. Mangold

R. P. Mangold



RPM:pm

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
 Reserve Oil, Inc.

3. ADDRESS OF OPERATOR
 P. O. Box 5568, Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 NE/4 SW/4 1681' FWL, 2631' FSL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 53 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	1681'	16. NO. OF ACRES IN LEASE	960	17. NO. OF ACRES ASSIGNED TO THIS WELL	640
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	600'	19. PROPOSED DEPTH	3800'	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	537.5' GR	22. APPROX. DATE WORK WILL START*	6/1/77		

5. LEASE DESIGNATION AND SERIAL NO.
 U-0685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Peters Point

8. FARM OR LEASE NAME

9. WELL NO.
 #14

10. FIELD AND POOL, OR WILDCAT
 Peters Point - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 7, T13S-R17E

12. COUNTY OR PARISH
 Carbon

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/4"	13-3/8"	54#	40	50 sx.
12-1/4"	8-5/8"	24#	350	350 sx.
7-7/8"	5-1/2"	15.5#	3800	400 sx, or as required

- Proposed to drill through lower Wasatch sands to 3800' using casing and cement program shown in Item 23. Surface Fm is Green River.
- Estimated top of Wasatch marker is at 1400' (+3975' VSS).
- Attached are the multi-point surface use plan and drilling program to be made part of this application.
- The casinghead will be 10-3/4" x 8-5/8" series 900, 2500# flanged.
- The BOP will be 10" series 900 single ram w/Hydril tested to 2500#.
- Potentially productive sands will be tested thru 5 1/2" csg.
- There are no abnormal pressures, temperatures or potential hazards such as H₂S anticipated in drilling this well.

Approval notice - Div of Oil - Geo Engineering - Utah

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 Donald F. Wivchar TITLE Sr. Petroleum Engineer DATE 4-20-77
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE JUL 05 1977
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

* GPO 782-931

*Note; Item 15

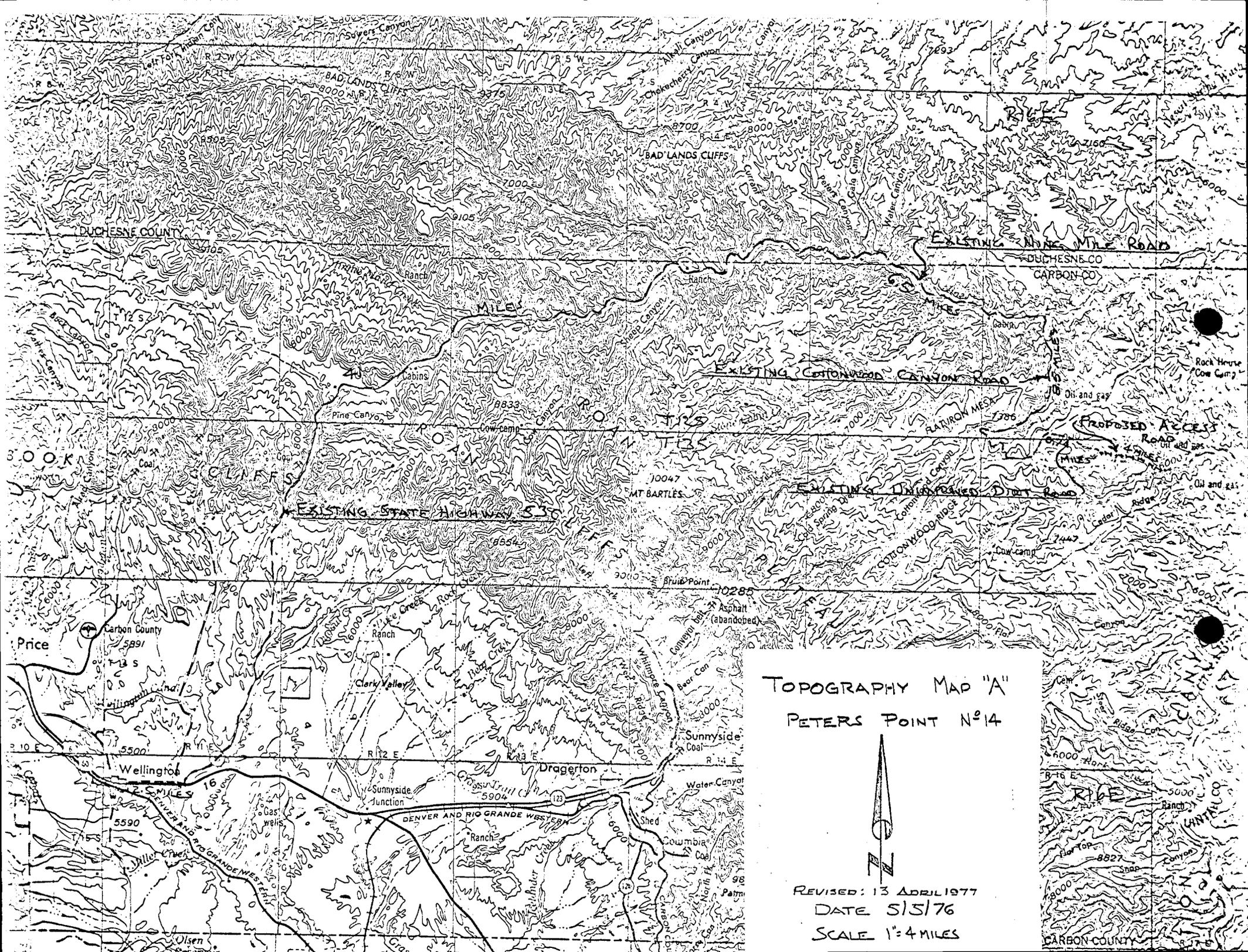
This location will be the drilling well for State Drilling Unit #23. Because of the rugged canyon topography in the south half of Sec. 7, the well has to be located where shown. There are no suitable locations available in the north half of Section 18.

During drilling, the well will be surveyed and deviated as far south from the surface location as is economically feasible. A directional survey will be provided.

SALT LAKE CITY, UTAH

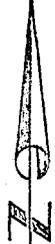
APR 22 1977

U.S. GOVERNMENT PRINTING OFFICE



TOPOGRAPHY MAP "A"

PETERS POINT No 14



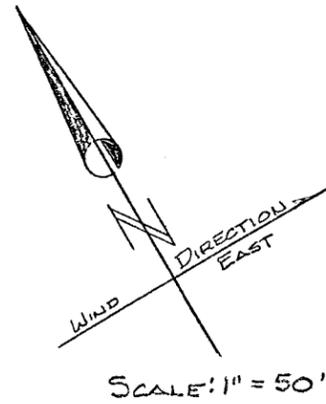
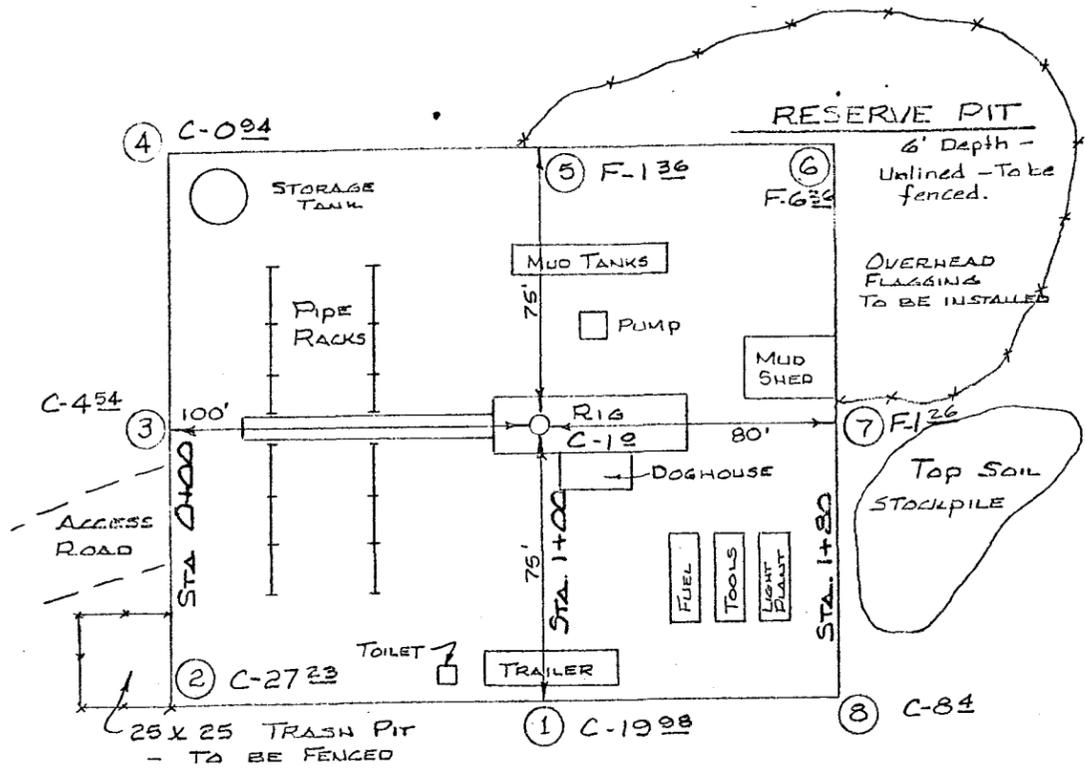
REVISED: 13 APRIL 1977

DATE 5/5/76

SCALE 1"=4 MILES

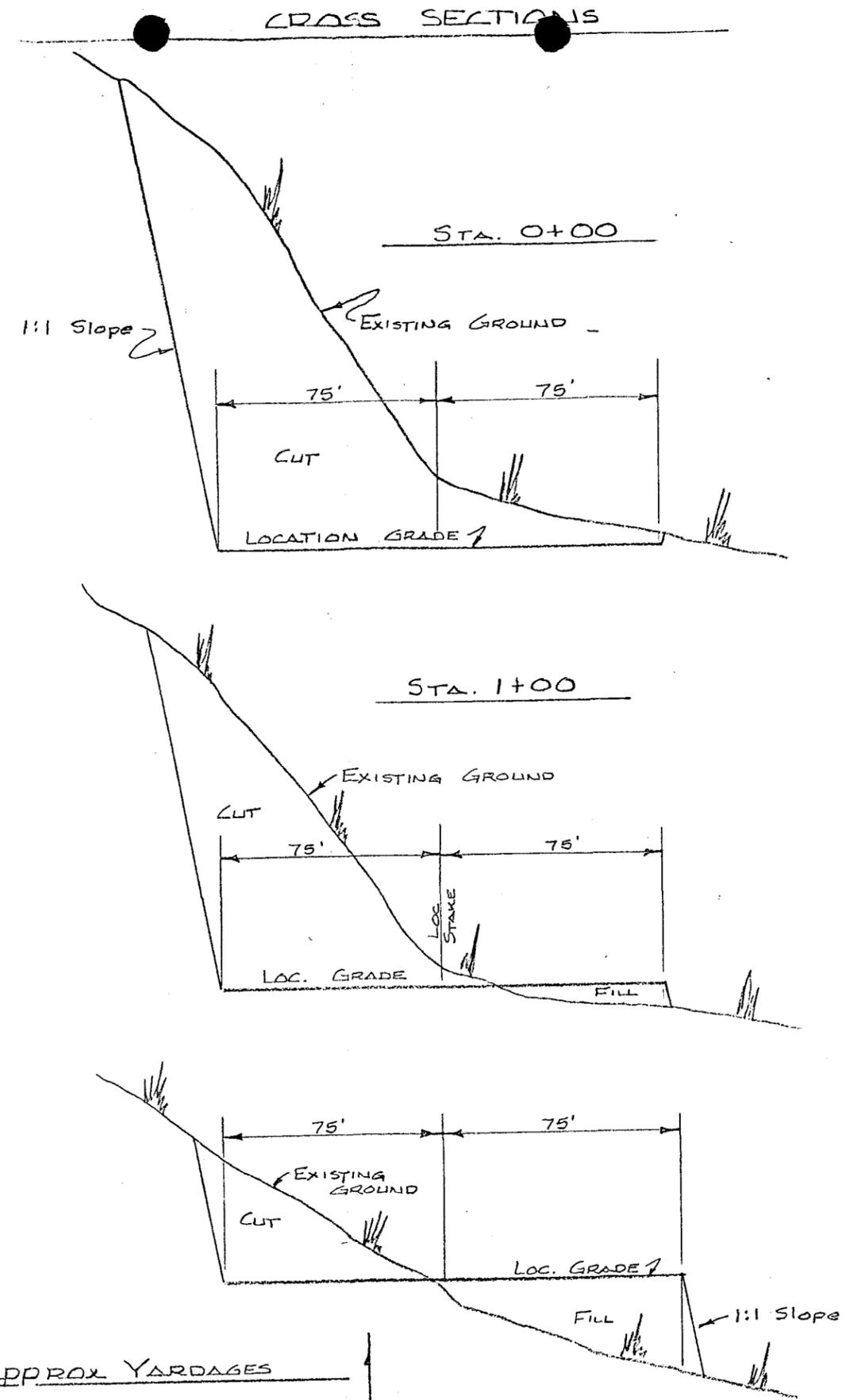
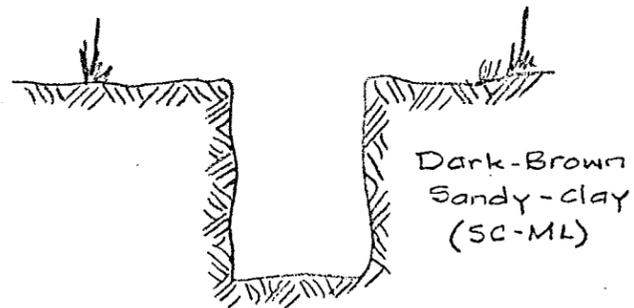
CARBON COUNTY

LOCATION LAYOUT SHEET

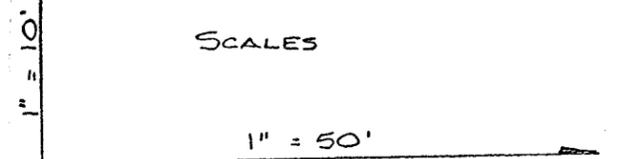


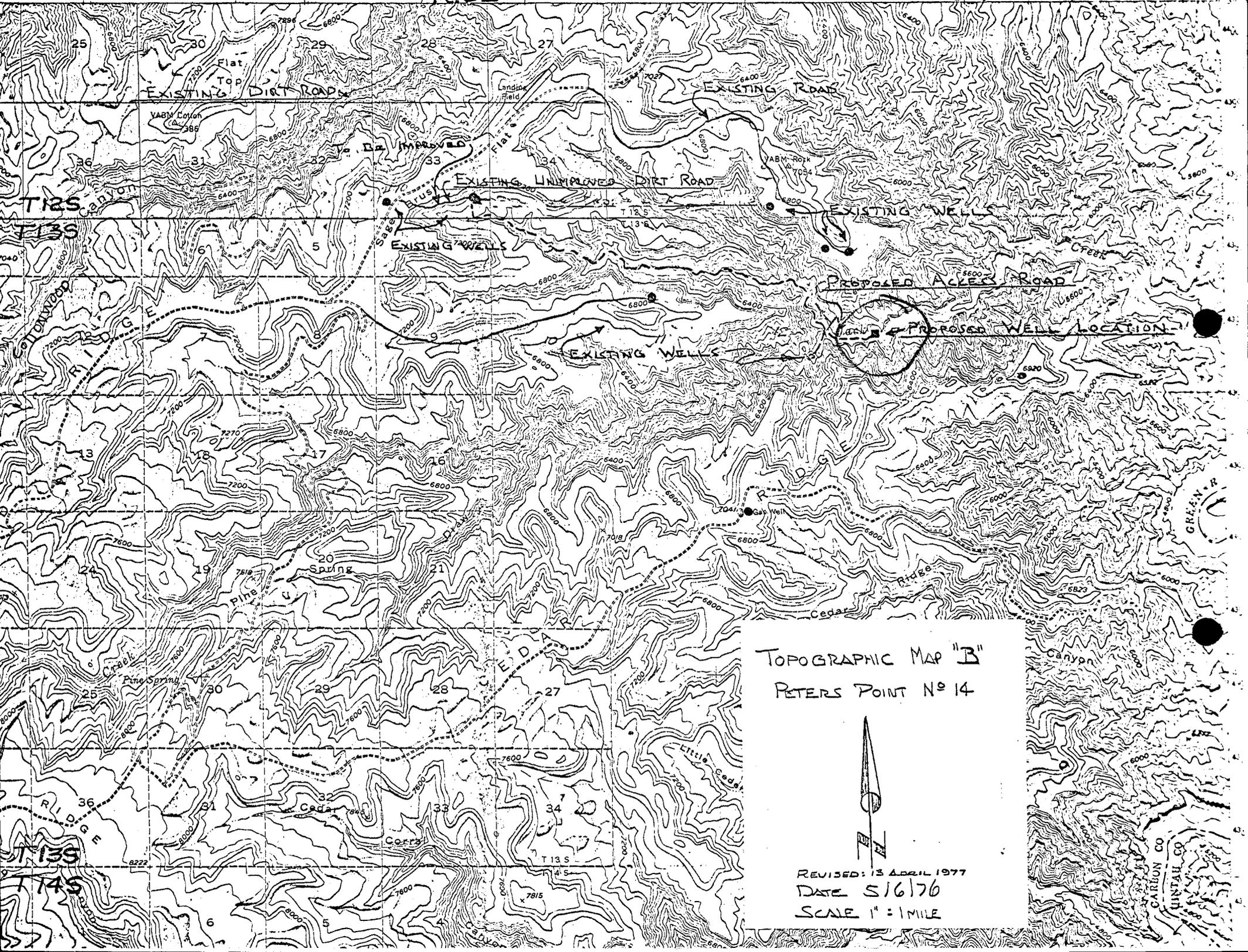
SOILS LITHOLOGY

No. Scale

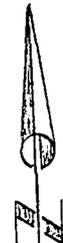


APPROX YARDAGES
 FILL ---- 610 Cu. Yds.
 CUT ---- 7190 Cu. Yds.





TOPOGRAPHIC MAP "B"
PETERS POINT No 14



REVISED: 13 APRIL 1977
DATE 516176
SCALE 1" = 1 MILE

CARBON CO
UNTAH CO

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-0685
Communitization Agreement No. _____
Field Name Peters Point
Unit Name Peters Point #14
Participating Area _____
County Carbon State Utah
Operator Reserve Oil, Inc.

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of July, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14	NE SW Sec. 7	13S	17E	DRG	-0-	-0-	-0-	-0-	7-29-77 - Spudded @ 7:30 AM. 7-31-77 - 340' reaming 7-7/8" hc to 12-1/4".

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	NONE	NONE
*Other (Identify)	NONE	XXXXXXXXXXXXXXXXXXXX	NONE
*On hand, End of Month	NONE	NONE	NONE
*API Gravity/BTU Content	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
		NONE	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *James W. ...*
Title: Operations Superintendent

Address: P.O. Box 5568, Denver, CO 80217

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-0685

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Reserve Oil, Inc.</p> <p>3. ADDRESS OF OPERATOR P.O. Box 5568, Denver, Colorado 80217</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/4, SW/4, 1681' FWL, 2631' FSL</p>	<p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Peters Point</p> <p>8. FARM OR LEASE NAME Peters Point</p> <p>9. WELL NO. #14</p> <p>10. FIELD AND POOL, OR WILDCAT Peters Point - Wasatch</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T13S, R17E</p> <p>12. COUNTY OR PARISH Carbon</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5375' GR</p>

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 type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Spud <input checked="" 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.)*

The above referenced well was spudded at 7:30 am, July 29, 1977. Drilled 7 7/8" hole to 340', reamed 7 7/8" hole to 12 1/4" to a depth of 330'. Ran 8 joints, 332.96' of 8 5/8" OD, 24#, K55 ST&C, R3 casing set at 328' RKB. Cemented with 180 sacks class "G" cement, 3% CaCl₂, 1/4# per sack Flocele. Plug down 4:10 pm (8-6-77). Good returns throughout cementing. Cement circulated to surface.

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

SIGNED Jack C. Bendler TITLE Division Operations Superintendent DATE 8/10/77

(This space for Federal or State office use)

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



RESERVE OIL, INC.

P. O. BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
(303) 861-7800

August 10, 1977

cc:

State of Utah

U.S.G.S.
8426 Federal Building
Salt Lake City, Utah 84138

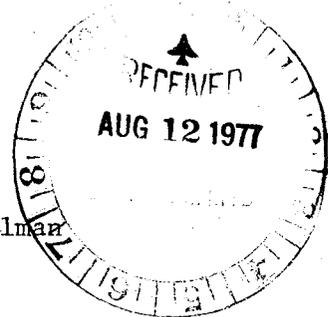
RE: Peters Point #14
Sec. 7, T13S, R17E
Carbon County, Utah

Gentlemen:

Please find enclosed, three copies of Form 9-331 for the above referenced well. Further information will follow.

Sincerely,

(Mrs.) Judy Bockelman



JB/jg

Enclosures

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

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 Plug and abandon
2. NAME OF OPERATOR Reserve Oil, Inc.
3. ADDRESS OF OPERATOR P.O. Box 5568, Denver, Colorado 80217
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NE/4 SW/4, 1681' FWL, 2631' FSL
14. PERMIT NO. 43-007-30039
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5375 Ground



U-0685
7. UNIT AGREEMENT NAME Peters Point
8. FARM OR LEASE NAME Peters Point
9. WELL NO. 14
10. FIELD AND POOL, OR WILDCAT Peters Point-Wasatch
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T13S, R17E
12. COUNTY OR PARISH Carbon
13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [X] REPAIR WELL [] CHANGE PLANS [] (Other) []
SUBSEQUENT REPORT OF: WATER SHUT-OFF [] REPAIRING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [] ABANDONMENT* [] (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.) *

It is requested the above referenced well, drilled to a total depth of 1678', be plugged and abandoned per instructions by Bill Martens on 8/18/77.

Class G Cement 125 sx 1660' to 1235'
50 sx 1100' to 1000'
40 sx 380' to 280'
10 sx 40' to surface

A survey was made @ 1633', 1°S 25W

Four drill stem tests were run. See attached sheets for details.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Sept 7, 1977
BY: Ph. Amodeo

18. I hereby certify that the foregoing is true and correct
SIGNED: Jack C. Bendler TITLE: Division Operations Supt. DATE: 8/18/77
(This space for Federal or State office use)

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

DRILL STEM TESTS

* Note: All tests were conventional with dual packers in 77/8" hole, 3 1/2" drill pipe and 2 1/4" ID drill collars. Length of collars for all tests was 349'.

DST No.1 : Tested interval 1260' - 1312' with TD 1312'.
Initial Opening: 15 mins. with fair blow from bottom of bucket in 2 mins. that continued through-out. No gas to surface.
Initial Shutin: 60 mins.
Second Opening: 90 mins. with immediate blow off bottom of bucket. Gas to surf. in 6 mins. and opened to flare line with weak flare throughout.
Final Shutin: 130 mins.
Recovery: 138' of very slightly gas cut drilling fluid.
Sampler Recovery: Sampler pressure 5 psig and BHT of 145°F. 2100cc volume, 1300cc drilling fluid and 800cc gas.
Resistivities: Makeup water Rw 10 @ 72°F and fresh. Mud pit sample Rw .05 @ 76°F & 175,000 ppm chlorides. Top, middle & bottom samples of fluids in drill string all had Rw .05 @ 70°F and 160,000 ppm chlorides.
Pressures:

IH	702 psi
FH	701
IF	30
IFF	36
ISI	666
2IF	42
2FF	66
2SI	678

* An exception to the above note was DST No.4, a straddle test.

DST No. 2 : Tested interval 1316'-1342' with TD 1342'.
 Inital Opening: 10 mins. with weak surface blow throughout and no gas to surface.
Inital Shutin: 60 mins.
 Second Opening: 65 mins. Tool opened with blow from bottom of bucket in 1 min. Blow decreased to 4" in 5 mins., 1¹/₂" in 8 mins. and then to a very weak blow throughout. Toll was bypassed after 60 mins. with no change in blow. No gas to surface.
 Final Shutin: 90 mins.
 Recovery: 36' of slightly oil cut drilling fluid.
 Sampler Recovery: Sampler pressure 2 psig and BHT of 132°F. 2100 cc volume, 2000cc drilling fluid and 50 cc oil.
 Resistivities: Makeup water Rw 8.5 @ 86°F & 550 ppm Cl₃. Mud pit sample Rw .05 @ 86°F & 145,000 ppm Cl₃. Top, middle & bottom drill string fluid samples all had Rw .05 @ 86°F & 195,000 Cl₃.
 Pressures:

IH	723	Note: Sampler fluid Rw .04 @ 86°F & 195,000 ppm Cl ₃
FH	719	
IF	47	
IFF	38	
ISI	175	
2F	47	
2FF	38	
2SI	201	

DST No. 3 : Tested interval 1394'- 1425' with TD 1425'.
 Inital Open: 10 mins. weak to very weak blow throughout.
 Inital Shutin : 60 mins.
 Second Opening: Blow as above, 1" in 5 mins., 1¹/₂" in 10 mins. diminishing to very weak blow for 45 mins. and then dead for 5 mins. No gas.
60 mins.
 Final Shutin: 90 mins.
 Recovery: 36' of oil cut drilling fluid - 10% oil.

DST No. 3 Continued

Sampler Recovery:

Sampler pressure 1 psig and BHT of 102°F.
2100 cc volume, 1750 cc of drilling fluid
and 150 cc of oil.

Resistivities:

Makeup water Rw 8 @ 68°F & 675 ppm Cl₃.
Mud pit sample Rw .05 @ 74°F & 175,000 ppm
Cl₃. Top fluid sample Rw .06 @ 70°F & 142,000
ppm Cl₃. Middle & bottom fluid sample Rw .05
@ 72°F & 180,000 ppm Cl₃. Sampler fluid Rw
.06 @ 72°F & 145,000 Cl₃.

Pressures:

IH	739
FH	738
IF	24
IFF	26
ISI	360
2F	36
2FF	48
2SI	114

DST No. 4:

Tested interval 1452'- 1502', straddle test
with TD 1678'.

Initial Opening:

10 mins. with weak blow throughout.

Initial Shutin:

60 mins.

Second Opening:

90 mins. with fair initial blow decreasing
to weak blow in 3 mins. Blow remained weak
and steady throughout. No gas to surface.

Final Shutin:

120 mins.

Recovery:

50' of drilling mud with a trace of light
weight black oil. No gas.

Sampler Recovery:

Sampler contained drilling mud only.

Resistivities:

Makeup water Rw 4.0 @ 76°F No Chlorides repta.
Mud pit sample Rw .04 @ 76°F " " "
Top fluid smpl. Rw .02 @ 78°F " " "
Bottom Fluid Smpl. Rw .05 @ 78°F " " "
Sampler Fluid Rw .05 @ 80°F " " "

Pressures:

IH	790 psi	FH	781
IF	56	2IF	56
IFF	56	2FF	56
ISI	9 103	2SI	85

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0685

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Plug and abandon		7. UNIT AGREEMENT NAME Peters Point	
2. NAME OF OPERATOR Reserve Oil, Inc.		8. FARM OR LEASE NAME Peters Point	
3. ADDRESS OF OPERATOR P.O. Box 5568, Denver, Colorado 80217		9. WELL NO. #14	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/4 SW/4, 1681' FWL, 2631' FSL		10. FIELD AND POOL, OR WILDCAT Peters Point-Wasatch	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T13S, R17E	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5375' Gr.		12. COUNTY OR PARISH Carbon	13. STATE Utah

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) <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.)*

The subject well has been plugged and abandoned 8/21/77 as follows:

125 sx. Class "G" cement 1660'-1235'
50 sx. " " " 1100'-1000'
40 sx. " " " 380'-280'
10 sx. " " " 40'-surface

Surface marker has been installed and upon completion of surface restoration, your office will be notified for final inspection.

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

SIGNED Jack C. Bendler TITLE Division Operations Supt. DATE 8/24/77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-RO356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-0685
Communitization Agreement No. _____
Field Name Peters Point
Unit Name Peters Point #14
Participating Area _____
County Carbon State Utah
Operator Reserve Oil, Inc.

Amended Report

CONFIDENTIAL

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 77

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14	NE SW Sec. 7	13S	17E	P & A	0	-0-	-0-	-0-	8-01-77 340' making rig repairs 8-21-77 Well Plugged & Abandoned

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: *Paul A. Beaudin*
Title: Operations Superintendent

Address: P.O. Box 5568, Denver, CO 80217



RESERVE OIL, INC.

P. O. BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
(303) 861-7800

WESTERN DIVISION

JACK C. BENDLER
Operations Superintendent

September 2, 1977

*check
confidential
status*



United States Geological Survey
Box 2859
Casper, Wyoming 82602

Attention: Mr. Charles J. Curtis

RE: Peters Point #14
Sec. 7, T13S, R17E
Carbon County, Utah

Gentlemen:

Enclosed, please find three (3) copies of the notice of intention to plug and abandon the above captioned well. Please keep this report confidential, as marked on the top of the report.

Thank you.

Sincerely,

Jack Bendler
Jack C. Bendler
by JoLene Grauberger

by jg

jg

Attachments

cc: Mr. Edgar W. Guynn-Salt Lake City USGS
Division of Oil, Gas & Mining-State of Utah ✓



RESERVE OIL, INC.

P. O. BOX 5568, DENVER, COLORADO 80217
DENVER CENTER BUILDING
(303) 861-7800

WESTERN DIVISION

JACK C. BENDLER
Operations Superintendent

September 6, 1977



United States Geological Survey
Box 2859
Casper, Wyoming 82602

Attention: Mr. Charles J. Curtis

RE: Peters Point #14
Sec. 7, T13S, R17E
Carbon County, Utah

Gentlemen:

Enclosed, please find three (3) copies of the abandonment notice on the above captioned well. Please contact us if any further information is required.

Thank you for your assistance.

Sincerely,

Jack C. Bendler by
JoLene Grauberger

jg

Enclosures

cc: Mr. Edgar W. Gynn-Salt Lake City USGS
Division of Oil, Gas & Mining-State of Utah ✓

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-0685

Communitization Agreement No. _____
Field Name Peters Point
Unit Name Peters Point #14
Participating Area _____
County Carbon State Utah
Operator Reserve Oil, Inc.

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 1977

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
14	NE SW Sec. 7	13S	17E	P & A	0	0	0	0	P & A 8-21-77. Subsequent report of abandonment approved 10-10-77. <u>FINAL REPORT.</u>

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Jack C. Scullin

Address: P.O. Box 5568, Denver, CO 80217

Title: Operations Superintendent



RESERVE OIL, INC.

P. O. BOX 17609, DENVER, COLORADO 80217
LINCOLN TOWER BUILDING
(303) 831-7989

WESTERN DIVISION

Roger E. Knight
Petroleum Engineer

March 1, 1978

U.S. Department of the Interior
8426 Federal Building
Salt Lake City, Utah 84138

Attention: Mr. E. W. Guynn

RE: Peters Point #14
Lease #U-0681
Sec. 7, T13S, R17E
Carbon County, Utah

CONFIDENTIAL
Received: 3/21/78

Dear Mr. Guynn:

Enclosed, please find three (3) copies of Form 9-330, Well Completion or Recompletion Report and Log for the above captioned well. If you should require any further information, please do not hesitate to contact us.



Sincerely yours,

Roger E. Knight
Roger E. Knight

REK/jg

Enclosures

cc: State of Utah-Dept. of Natural Resources (With Enclosures) ✓

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

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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. RESVR. Other _____

2. NAME OF OPERATOR
RESERVE OIL, INC.

3. ADDRESS OF OPERATOR
P.O. BOX 17609, LINCOLN TOWER BLDG., DENVER, CO 80217

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface NE/4, SW/4 1681' FWL 2631' FSL
 At top prod. interval reported below
 At total depth
 From Wellhead-22.17' S, 10.50' W

CONFIDENTIAL

14. PERMIT NO. 43-007-30039 DATE ISSUED _____

15. DATE SPUDED 7/28/77 16. DATE T.D. REACHED 8/17/77 17. DATE COMPL. (Ready to prod.) 8-21-77 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5375' GR 19. ELEV. CASINGHEAD 5375'

20. TOTAL DEPTH, MD & TVD 1678' 21. PLUG, BACK T.D., MD & TVD Surface 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-1687' ROTARY TOOLS CABLE TOOLS

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

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction-Laterolog, FDC-CNL 27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	328'	12 1/4"	180 sacks	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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

FLOW. TUBING PRESS. _____ CASING PRESSURE _____ CALCULATED 24-HOUR RATE _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ OIL GRAVITY-API (CORR.) _____

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

35. LIST OF ATTACHMENTS
Dual Induction-Laterolog, FDC-CNL

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

SIGNED Roger E. Knight TITLE PETROLEUM ENGINEER DATE March 1, 1978

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS			
				NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Stray Island	1297'	1305'	DST 1260-1312 FFP=66psi FSIP=678 psi 90 minute flow	Wasatch	1510'		1509'
Green River	1330'	1348'	DST 1316-1342 FFP=38 psi FSIP=201 psi 60 minute flow	TW 1	1558'		1557'
TGR 1	1380'	1420'	DST 1394-1425 FFP=48 psi FSIP=114 psi 60 minute flow	TW 2	1588'		1587'
TGR 2	1469'	1502'	DST 1452-1509 FFP=56 psi FSIP=85 psi 90 minute flow				