

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

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

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
~~Taiga Energy, Inc.~~ Coseka Resources

3. ADDRESS OF OPERATOR
718 17th Street Suite 630 Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1395' FSL, 1709' FWL Section 9, T15S, R24E

At proposed prod. zone
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
63.7 miles from Ouray, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1395'

16. NO. OF ACRES IN LEASE 2499.81

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

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

19. PROPOSED DEPTH 6100

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7675' ungr.

22. APPROX. DATE WORK WILL START* August 30, 1978

5. LEASE DESIGNATION AND SERIAL NO. U-2835	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME Black Horse Canyon Unit	
8. FARM OR LEASE NAME Black Horse Canyon	
9. WELL NO. 3	
10. FIELD AND POOL, OR WILDCAT Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NESW Sec. 9, T15S, R24E	
12. COUNTY OR PARISH Uintah	13. STATE Utah

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM - If proposal is to deepen or plug back, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Operations Manager DATE 6/15/78
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY H B Hamer TITLE ENGINEER DATE NOV 17 1978
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

NOTICE OF APPROVAL

SMA

Oil and Gas Drilling

EA #266-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: July 1 1980

Operator: Coseka Resources Project or Well Name and No. 6-9-15-24
Location. 1395' FSL & 1709' FWL Sec.. 9 T.: 15S R. 24E
County. Uintah State Utah Field/Unit Wildcat
Lease No.: U-2835 Permit No.: N/A

Joint Field Inspection Date. May 23, 1980

Prepared By: Greg Darlington

Field Inspection Participants, Titles and Organizations:

Greg Darlington	USGS - Vernal
Cory Bodman	BLM - Vernal
John Knight	Coseka Resources
Forrest Bird	Galley Construction
Tom Graham	Coseka Resources

Related Environmental Analyses and References:

(1) Unit Resource Analysis, Seep Ridge Planning Unit (08-07), BLM, Vernal.

rk-7-1-80

[Handwritten notes and signatures]

1. A drill pad 175' wide x 350' long and a reserve pit 50' x 200' would be constructed. Approximately 6.3 miles of existing road would be improved to 18' driving surface from a maintained road. 1.7 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30'. A blooie pit involving about 150' x 100' of disturbed surface would be constructed near the Northwest corner of the pad. (stake 6)
2. Drilling would be to a proposed depth of 8800 feet.
3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons
9. Other

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is on a fairly narrow ridgetop of Black Horse Ridge. This is about 6 miles north of the Book Cliff divide.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Some coal in the Mesaverde formation may be present.

Information Source: Mineral Evaluation Report.

2. Hazards: Stability seems adequate for the proposed project.

Information Source: Field Observation.

b. Subsidence: Poses no significant hazard. Some problem will be involved with a somewhat steep slope of the hillside near the proposed pits. Proper keyseating of the pits should be sufficient mitigator for this problem.

Information Source: Field Observation.

c. Seismicity: The proposed location is in an area of moderate seismic risk.

Information Source: Geologic Atlas of the Rocky Mountain Region, 1972, "Earthquakes of Record and Interpreted Seismicity 1852-1969" Rocky Mountain Associates of Geologists.

d. High Pressure Zones/Blowout Prevention: No abnormal pressures are anticipated some high pressures are known to occur generally near about 8000 feet. No H₂S hazard is anticipated. BOP equipment is described in the APD.²

Information Source: APD and comments from drillers in the Book Cliffs Area.

B. Soils:

1. Soil Character: The soil is a sandy clay with shale and sandstone gravels.

Information Source: Field Observation and APD.

2. Erosion/Sedimentation: Should not be a significant problem.

Information Source: Field Observation.

C. Air Quality: Would be temporarily impacted during construction and drilling.

Information Source: Field Observation.

D. Noise Levels: Would increase temporarily ~~impacted~~ during the construction and drilling phase of this project.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains West to Black Horse Canyon and East to South Canyon. Sweet Water Spring is located about one mile Northeast of the location and Black Horse spring is about one mile to the Northwest. These drainages proceed eventually to the White River and then to the Green River.

Information Source Field Obsevation and BLM Stipulations.

b. Ground Waters: Usable water may be encountered in the sands of the Green River formation.

Information Source: Mineral Evaluation Report.

2. Water Quality

a. Surface Waters: The reserve pits would be suitably constructed to avoid the possibility of some contamination to surface waters. This location is also a considerable distance from any surface waters. Water would be hauled from South Canyon.

Information Source: Field Observation and BLM stipulations.

b. Ground Waters: 200 feet of surface casing, 4600' of intermediate casing and 4000' of 5 1/2" casing will be set if production is established. Additional details are in the APD. This should minimize impacts of drilling on the ground water aquifers to be encountered.

Information Source: APD

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the BLM comments received from Vernal District BLM on June 5, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Consists of pinon pine, juniper, pines, mountain bush types, native grasses and flowers. The location is near the edge of a large area which was burned by a forest fire a few years ago.

Information Source: Field Observation

3. Fauna: Consists of mule deer, coyotes, bear, rodents birds, and other such fauna as may be connected with a high altitude environment.

Information Source: APD

G. Land Uses

1. General: Wildlife habitat, firewood source, hunting and cattle grazing. Some gas wells are located within a few miles of the location.

Information Source: Field Observation.

2. Affected Floodplains and/or Wetlands: None

Information Source: Field Observation.

3. Roadless/Wilderness Area: Was previously in a wilderness study area, but was dropped last spring from the Utah Wilderness Inventory.

Information Source: BLM Utah Wilderness Inventory August, 1979.

- H. Aesthetics: The visual impact of drilling and production activities at this location would not be significant. The location is fairly remote and not frequently visited.

Information Source: Field Observation.

- I. Socioeconomics: The production of one well would not be very significant, but successful production at this location would probably lead to further cumulative impacts associated with the progressive development of existing hydrocarbon resources.

Information Source: Grey Darlington, Environmental Scientist, U.S.G.S.

- J. Cultural Resources Determination: Based on the BLM comments received from Vernal District BLM on June 6, 1980, we determine that there would be no effect on cultural resources subject to this action.

Information Source: BLM Stipulations letter.

- K. Adequacy of Restoration Plans: Apparently adequate. BLM will be suitably consulted regarding any restoration activities.

Information Source: APD and BLM stipulations letter.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

a. About 1.7 acres of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems ^{could} would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.

- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to Sweet Water Creek would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

- a. All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

- 1. See attached BLM Stipulations. (note especially #12 and #15 regarding water sources)
- 2. The Mineral Evaluation Report requests a resistivity log be available for the District Geologist, ME, Salt Lake City, Utah.

Controversial Issues and Conservation Division Response:

None presently involved.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

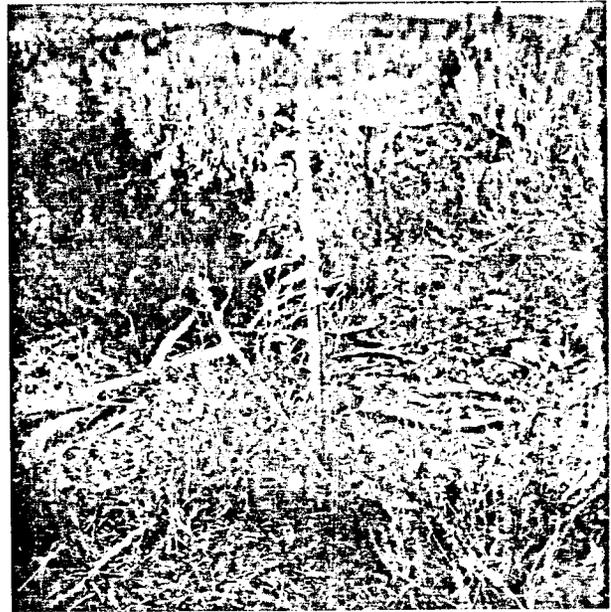
 DISTRICT ENGINEER
Signature & Title of Approving Official

JUL 03 1980
Date



CoseKa 6-9-15-24
South View

5/23



CoseKa 6-9-15-24
North View

5/23



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Vernal District Office
170 South 500 East
Vernal, Utah 84078

IN REPLY REFER TO

T & R
U-802

June 5, 1980

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re Coseka Resources Ltd
Well #3 (6 9-15 24)
Sec. 9, T15S, R24E,
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was conducted on May 23, 1980, on the above referenced well site and access road. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of any pipeline routes shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The existing road shall be upgraded to all weather road status. Upgrading shall include the building of an 18 foot crown road, the installation of bar ditches where needed and cutouts will be used where needed to remove excess water from the road and bar ditches. The maximum total disturbed area will be 30 feet except where backslope and fills require additional area. Turn outs will not be required and traveling off the right-of-way will not be allowed.
3. Trees and brush removed during the upgrading of the access road shall be pushed into piles, which shall be intermittently spaced along said road.
4. A cattle guard will be required to gain access to the pad location. The existing gate will be replaced with a minimum width cattleguard of 18 feet and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of the well. A new gate shall be installed at one end of the cattle guard. Cattleguard installation shall meet



the specifications as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."

5. The Vernal BLM District Office will be contacted 24 hours prior to any surface disturbance.
6. A burn pit shall not be constructed. There will be no burying of garbage or trash at the well site. Trash and garbage must be contained and hauled to an approved disposal site.
7. The top 4-8" of soil material will be stockpiled between corner stake numbers 7 and 8. Brush and trees will be stockpiled between corner stake numbers 2 and 3.
8. The length of the pad from the well head to corner stake number 3 was increased by 50 feet. Thus the total length of the pad south of the well head is 175 feet.
9. The reserve pits were reduced in width but lengthened, with the final dimension being 50 feet wide by 200 feet long. Due to the change in dimensions, the depth of the reserve pits may be increased if the operator feels he needs an increased capacity to properly handle the fluids from the drilling operation. The reserve pits will be fenced on three sides during the drilling of the well and fenced on the fourth side, immediately upon the removal of the drilling rig.
10. The Blooey pit was rotated approximately 30° to the North.
11. It was agreed to by all parties, that with the aforementioned changes, the pad dimensions would be of adequate size to handle all drilling and fracturing operations.
12. Mr. Tom Graham, of Resource Marketing Services, Inc. representing the operator, Coseka Resources, said that water use in this operation would be obtained from South Canyon. This road will be watered to keep the dust settled during periods of use by the operator or companies hired by the operator.
13. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
14. This site is located in a winter shut down area. In order to minimize watershed damage, exploration, drilling and other development activities will be allowed only during the period from April 30 to November 1. The limitation does not apply to maintenance and operation of producing wells.
15. Under no circumstance is PR Spring to be used as a water source.

A cultural resource clearance was conducted by Gordon & Kranzush, Inc. on the proposed access road and site. No cultural materials were located on the surface of the surveyed area. The proposed activities do not jeopardize listed, threatened or endangered flora/fauna, or their habitats.

The BLM representative will be Ron Rogers (789 1362).

Sincerely,

FO *Karl J. Wright*
Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS Vernal

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT

Greg
LEASE NO. U-2835
WELL NO. 6-9-155-24

OPERATOR: COSEKA Resources (USA) LTD

LOCATION: ½ NE ½ SW ½ sec. 9, T. 15S, R. 24E, SLM
WINTAH County, UTAH

1. Stratigraphy: OPERATORS ESTIMATED TOPS seem reasonable.

2. Fresh Water: Usable water may be encountered in the sands of the Green River.

3. Leasable Minerals:

Coal beds may be encountered in the Mesaverde (2000 to 3900).

4. Additional Logs Needed: resistivity log.

5. Potential Geologic Hazards: Not anticipated.

6. References and Remarks: none

Signature: *emb* Date: 3-12-80

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Gynn
From: Mining, Supervisor, Mr. Jackson W. Moffitt
Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-2835

1. The location appears potentially valuable for:

- strip mining.*
 underground mining.**
 has no known potential.

2. The proposed area is

- under a Federal lease for _____ under the jurisdiction of this office.
 not under a Federal lease under the jurisdiction of this office.
 Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Robert H. Cuddeback

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
 Taiga Energy, Inc.

3. ADDRESS OF OPERATOR
 718 17th Street Suite 630 Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1395' FSL, 1709' FWL Section 9, T15S, R24E
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 63.7 miles from Ouray, Utah

16. NO. OF ACRES IN LEASE
 2499.81

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1395'

19. PROPOSED DEPTH
 6100

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7675' ungr.

22. APPROX. DATE WORK WILL START*
 August 30, 1978

5. LEASE DESIGNATION AND SERIAL NO.
 U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Black Horse Canyon Unit

8. FARM OR LEASE NAME
 Black Horse Canyon

9. WELL NO.
 3

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NESW Sec. 9, T15S, R24E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"/8-5/8"	32#/24#	250'/500'	250 sacks
7-7/8"	4-1/2"	11.6#	Total Depth	250 sacks



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 6-20-78

BY: C.B. Light

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 _____ TITLE Operations Manager DATE 6/15/78

(This space for Federal or State office use)

PERMIT NO. 43-047-30448

APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

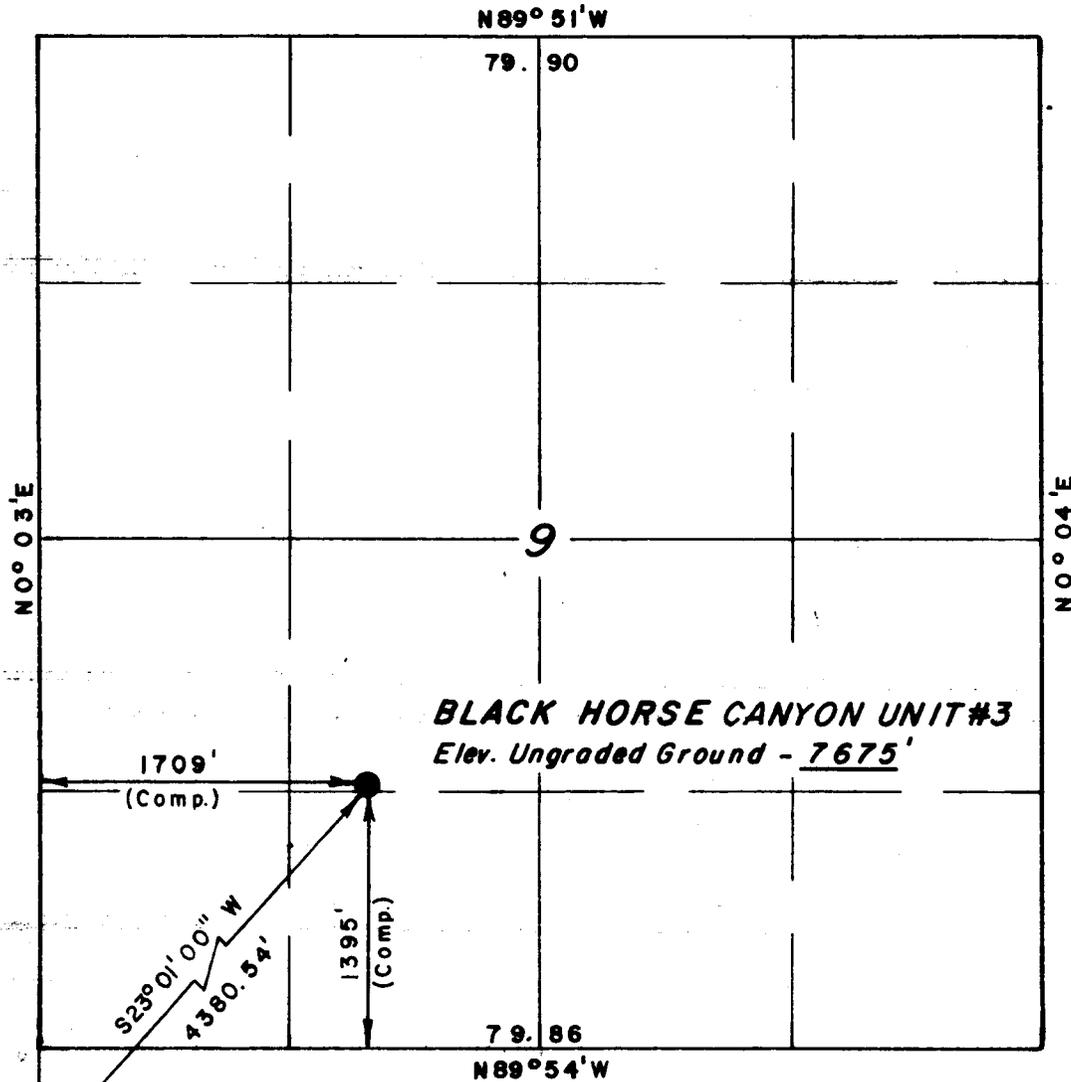
CONDITIONS OF APPROVAL, IF ANY:

T15S, R24E, S.L.B. & M.

PROJECT

TAIGA ENERGY INC.

Well location, **BLACK HORSE CANYON UNIT #3**, located as shown in the NE 1/4 SW1/4 Section 9, T15S, R24E, S.L.B. & M. Uintah 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.

Lawrence E. King

REGISTERED LAND SURVEYOR
REGISTRATION NO. 3137
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	5/19/78
PARTY	MS KA	RP	REFERENCES GLO Plat
WEATHER	Fair	FILE	TAIGA ENERGY

X - W 1/4 Corner Section 16, T15S, R24E, S.L.B. & M.

X SW Corner Section 16, T15S, R24E, S.L.B. & M.

30 MILES TO OURAY, UTAH

63.7 TRAIL MILES TO OURAY, UTAH

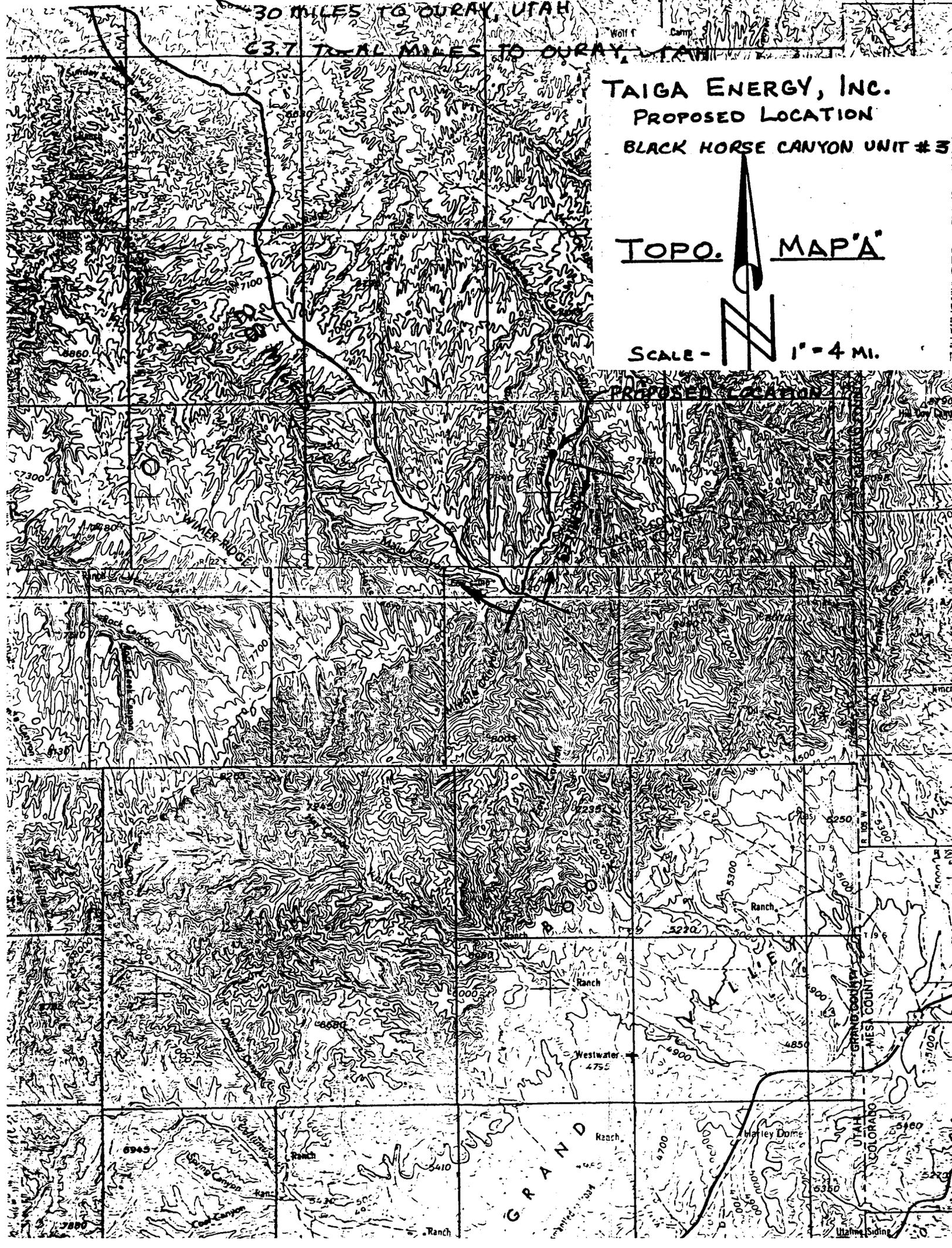
Well # Camp

TAIGA ENERGY, INC.
PROPOSED LOCATION
BLACK HORSE CANYON UNIT #3

TOPO. MAP 'A'



SCALE - 1" = 4 MI.



PROPOSED LOCATION

7100
6860
7300
6980
6530

7100
6860
6530

6860
6530
6250
6000
5700
5300
5220
5000

6945
6410
6330
6200
6100
6000
5900
5800
5700
5600
5500
5400
5300
5200
5100
5000
4900
4850
4800
4750
4700
4600
4500
4400
4300
4200
4100
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0

6860
6530
6250
6000
5700
5300
5220
5000
4850
4800
4750
4700
4600
4500
4400
4300
4200
4100
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0

6250
6000
5700
5300
5220
5000
4850
4800
4750
4700
4600
4500
4400
4300
4200
4100
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0

6945
6410
6330
6200
6100
6000
5900
5800
5700
5600
5500
5400
5300
5200
5100
5000
4900
4850
4800
4750
4700
4600
4500
4400
4300
4200
4100
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: June 20 -

Operator: Inya Energy Inc. COSELU

Well No: Black Horse Canyon 3 **BLACK HORSE 69-155-24**

Location: Sec. 9 T. 15S R. 24E County: Uintah

File Prepared:
Card Indexed:

Entered on N.I.D.:
Completion Sheet:

API NUMBER: 43-047-3044⁸

CHECKED BY:

Administrative Assistant [Signature]

Remarks: OK - That Well

Petroleum Engineer [Signature]

Remarks:

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No.

Surface Casing Change
to

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

O.K. Rule C-3

O.K. In Black Horse Canyon Unit

Other:

Letter Written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

2. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Taiga Energy, Inc.

3. ADDRESS OF OPERATOR
 718 17th Street Suite 630 Denver Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 1395' FSL, 1709' FWL Section 9, T15S, R24E
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 63.7 miles from Ouray, Utah

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1395'

16. NO. OF ACRES IN LEASE 2499.81

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

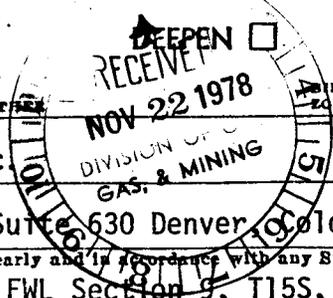
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6100

19. PROPOSED DEPTH 6100

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7675' ungr.

22. APPROX. DATE WORK WILL START* August 30, 1978



5. LEASE DESIGNATION AND SERIAL NO.
 U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Black Horse Canyon Unit

8. FARM OR LEASE NAME
 Black Horse Canyon

9. WELL NO.
 3

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NESW Sec. 9, T15S, R24E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"/8-5/8"	32#/24#	250'/500'	250 sacks
7-7/8"	4-1/2"	11.6#	Total Depth	250 sacks

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 [Signature] TITLE Operations Manager DATE 6/15/78

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY H B Hamer TITLE ENGINEER DATE NOV 17 1978

NOTICE OF APPROVAL
 State O&G

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

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

Jeli

TAIGA ENERGY, INC.

MULTI-WELL PROGRAM

UINTAH COUNTY, UTAH



INDEX

- I. Master Well List
- II. Multi Well Numbering Scheme
- III. General Plan - 12 Point Surface Use Plan for Multi Well Program
- IV. General Plan - 10 Point Plan
- V. Blowout Preventer Schematic
- VI. Frac Layout
- VII. Folders - Well Files (Containing for each well)
 - A. Form 9-331C "Application for Permit to Drill, Deepen or Plug Back"
 - B. Plat
 - C. Specific Plan - 12 Point Surface Use Plan
 - D. Specific Plan - 10 Point Plan
 - E. Topo Map "A"
 - F. Topo Map "B"
 - G. Well Site Layout

Taiga Energy, Inc.
Multi Well Master List

Uintah County, Utah

Well Name

Location

Dry Burn Unit # 2

2273' FNL, 2222' FEL Section 35, T13S, R25E

Rat Hole Canyon Unit # 2

2363' FNL, 1661' FWL Section 22, T14S, R25E

Rat Hole Canyon Unit # 3

1880' FNL, 1788' FWL Section 9, T14S, R25E

Black Horse Canyon Unit # 3

1709' FWL, 1395' FSL Section 9, T15S, R24E

Black Horse Canyon Unit # 4

612' FSL, 1934' FNL Section 8, T15S, R24E

**Multi-Well Program
Numbering Scheme**

13	14	15	16
12	11	10	9
5	6	7	8
4	3	2	1

Section

TAIGA ENERGY, INC.

NUMBERING SCHEME

GENERAL PLAN

12 POINT SURFACE USE PLAN FOR MULTI-WELL PROGRAM

1. Existing Roads

See attached Topographic map "A" for each location under "Specific Plans and Exceptions".

2. Planned Access Road

See attached Topographic map "B" for each location under "Specific Plans and Exceptions".

General Plan for All Access Roads

The proposed access roads shall be an 18' crown road with 9' either side of the centerline and drainage ditches along either side of the proposed road where it is determined necessary in order to handle any runoff from any normal meteorological conditions that are prevalent to this area.

The grade of the roads shall vary from flat to 8% but shall never exceed this amount. The roads shall be constructed from native borrow accumulated during construction.

The terrain that is traversed by these roads is sloping and is vegetated with sagebrush and grasses with some juniper and pinion pine.

3. Location of Existing Wells

See attached Topographic map "B" for each location site under "Specific Plans and Exceptions".

4. Location of Tank Batteries, Production Facilities, Production Gathering and Service Lines

All petroleum production facilities are to be contained within the proposed location site. There are no other Taiga Energy, Inc. flow, gathering, injection or disposal lines within a one mile radius of these locations.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

5. Location and Type of Water Supply

Water utilized to drill these wells shall be obtained from existing and approved sources in or near the area where the individual wells shall be drilled.

6. Source of Construction Materials

All construction materials for these location sites and access roads shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time.

7. Methods of Handling Waste Disposal

All garbage and trash that can be burned, shall be burned. All unburnable garbage and trash accumulated during development of these wells shall be contained in the trash pit shown on the attached layout sheet. When drilling activities have been completed, the rig moved off location and production facilities set up, all garbage and trash on the location site shall be cleaned up, deposited in the trash pit and covered with a minimum of 4' of cover.

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 or other appropriate agencies 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 the Surface

As there is some topsoil in the area, all topsoil will be stripped and stockpiled prior to drilling activities on the wellsite only. When all production activities have been completed, the location site, access road and flowline route will be reshaped as near as possible to the original contour prior to construction. The topsoil on the location only shall be spread on the disturbed area. Any drainage rerouted during construction and production activities shall be restored to the original line of flow.

All additional wastes being accumulated during production activities and contained in the reserve pit and trash pit shall be buried with a minimum of 4' of cover. The location site, access road and flowline route shall be reseeded with a seed mixture recommended by the BLM District Manager, when the moisture content of the soil is adequate for germination.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days. The lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in the best and most workmanlike manner and in strict conformity with the above mentioned items # 7 and # 10.

11. Other Information

The topography of the general area is mountainous and cut with numerous canyons. The majority of the washes and streams in the area are of a non-perennial nature flowing during the early spring runoff and extremely heavy rains of long duration which are extremely rare. The normal annual rainfall in the area is only 8".

The soils in this semi-arid area are of the Green River formation (Middle Eocene) and the Wasatch formation (Lower Eocene) consisting of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels. Outcrops of sandstone ledges, conglomerate deposits and shale are common on this area. The topsoils in the area range from sandy clay (SM-ML) to clayey (OL) soil.

Due to the low amount of average precipitation, climate conditions and the marginal soils, the vegetation that is found in the area is common to the semi-arid region we are located in. In the lower elevations it consists of juniper and pinion pine forests as the primary flora with areas of sagebrush, rabbit brush, some grasses and cacti.

The fauna of the area consist mainly of mule deer, coyote, rabbit and varieties of small ground squirrels and other types of rodents. The area is used by man primarily for grazing sheep and cattle. The birds in the area are raptors, finches, ground sparrows, magpies, crows and jays.

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 sites.

12. Lessee's or Operator's Representative

Peter MacDowell
Resource Marketing Services, Inc.
821 17th Street
Denver, Colorado 80202

(303)892-9185

Johnnie D. Odum, Operations Manager
Taiga Energy, Inc.
718 17th Street
Denver, Colorado 80202

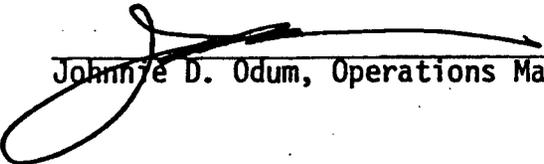
(303)573-6178

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsites and access routes; 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 Taiga Energy, Inc. and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

6/15/78


Johnnie D. Odum, Operations Manager

GENERAL PLAN

MULTI-WELL PROGRAM

10 POINT PLAN

1. The geological name for the surface formation is the Green River Formation of Middle Eocene Age.
2. See "Specific Plans and Exceptions" for estimated tops of important geological markers with depths calculated from an estimated RKB elevation.
3. Of the formations listed above it is anticipated that the Mancos "B" and Dakota formations may be gas bearing in the well.
4. The proposed casing program for completion of this well will consist of 4-1/2" 11.6# J-55 new casing. Surface casing will be dependent on the drilling contractor. Either 9-5/8" 32# K-55 will be run (Burton-Hawks) or 8-5/8" 24# casing will be run (Thomson). It may be necessary to set 7" 20# intermediate casing in the Dakota formation.

If the location is on a hill, 500' of surface casing will be set.
If the location is in a valley, 250' of surface casing will be set.

5. The operators minimum specifications for pressure control equipment is as follows:

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Additionally, while air drilling, a Series 900 Rotating Head will be used. Pressure tests of BOP's to 1000# will be made after installation and operation and will be checked daily.

6. It is proposed that the hole will be drilled to the top of the Mancos with air and mist as necessary in order to clean the hole. From the Mancos to Total Depth it is planned to drill the well with air or air mist. The Thomson rig will use water and mud with enough weight to control any pressures encountered.
7. Auxiliary equipment to be used will be a Kelly Cock and a Float at the drill bit.
8. No coring or drill stem testing has been scheduled for this well. The logging program will consist of a dual induction laterolog and a compensated neutron formation density log.

9. It is not anticipated that abnormal pressures or temperatures will be encountered nor that any other abnormal hazards such as hydrogen sulfide gas will be encountered in this area.
10. See Specific Plans and Exceptions for commencement date.

Blowout Preventer Schematic

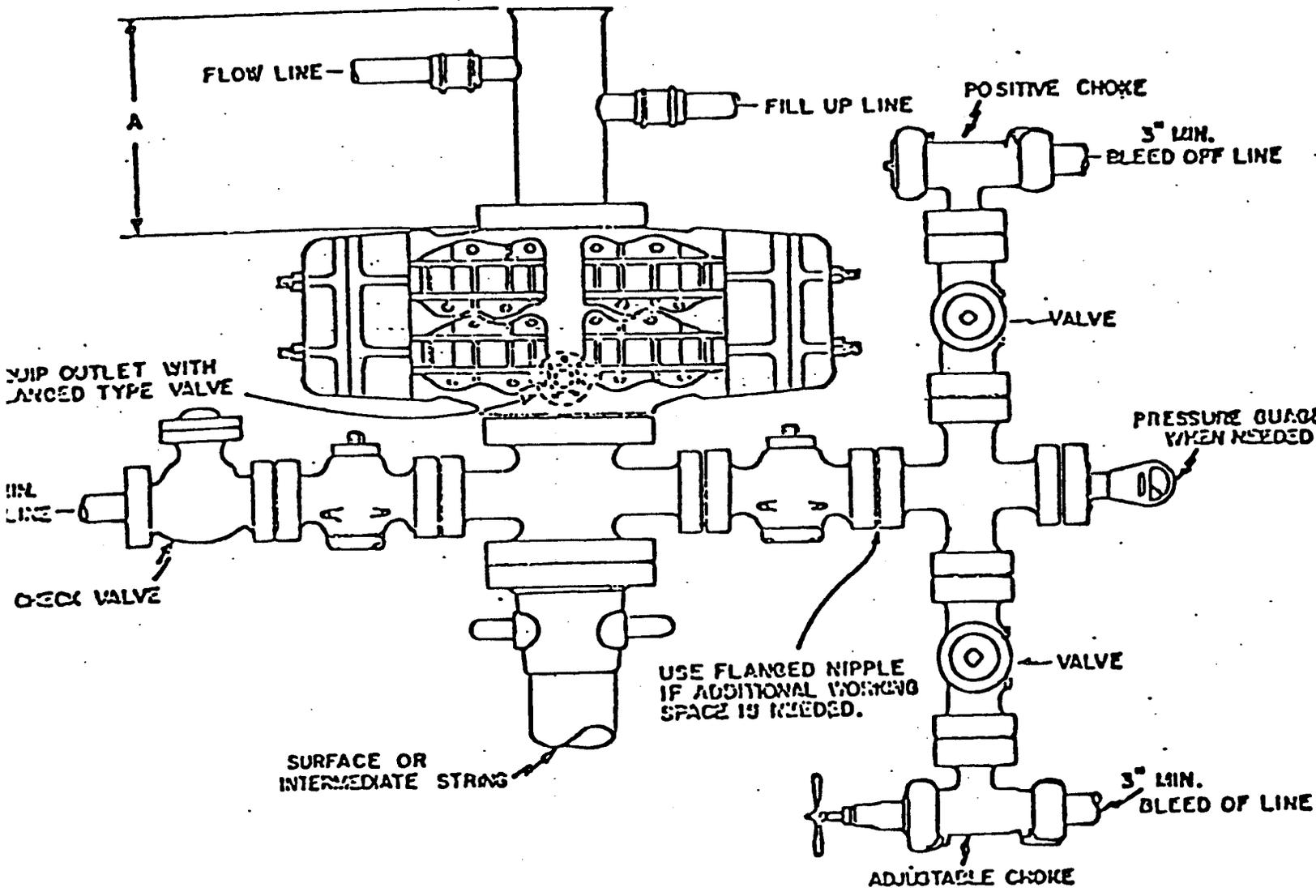
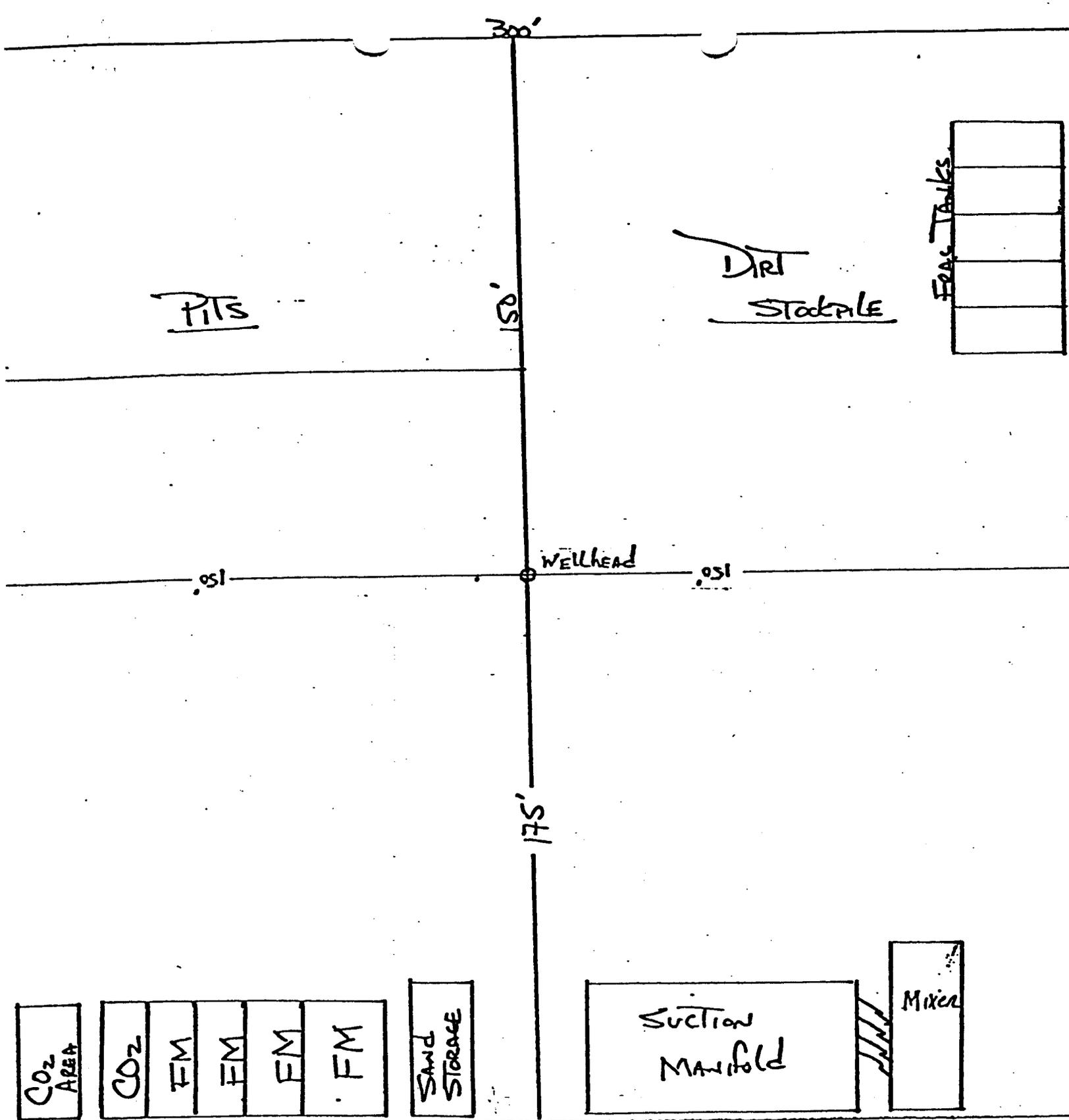


EXHIBIT. — A —

Frac Layout



FRAC DIAGRAM

Specific Plans and Exceptions

**12 Point Surface Use Program for Multi-Well
Program**

Black Horse Canyon # 3

1. Existing Roads

Proceed south from Ouray, Utah along Seep Ridge Road for approximately 58 miles. Turn northeast on Black Horse Ridge Road and proceed 5.9 miles to the proposed location in the southwest quarter of Section 9.

2. Planned Access Road

There are no new access roads currently proposed.

3. Existing Wells

	Black Horse Canyon Unit # 1	530' FEL, 556' FSL Section 17, T15S, R24E
(Proposed)	Black Horse Canyon Unit # 4	612' FWL, 1934' FNL Section 8, T15S, R24E

Specific Plans and Exceptions

10 Point Plan

Black Horse Canyon # 3

2. The estimated tops of important geological markers with depths calculated from an estimated RKB elevation of 7675' are as follows:

Mancos	4090'
Castlegate SS	4390'
Mancos "B"	5340'
Base Mancos "B"	5890'
Dakota	8220'
Total Depth	6100'

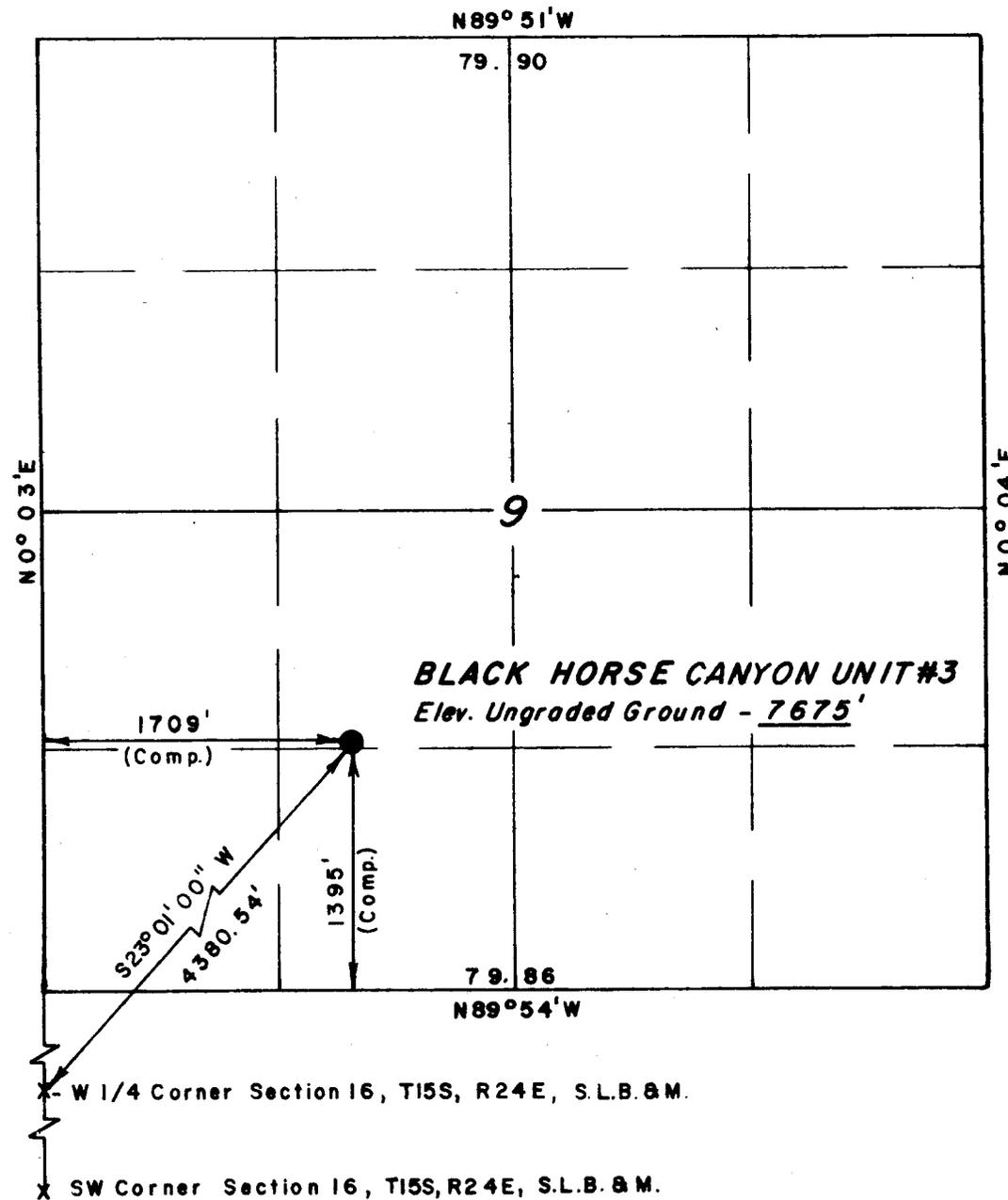
10. It is anticipated that this well will be commenced approximately August 30, 1978 and that the operations will last two weeks.

PROJECT

TAIGA ENERGY INC.

Well location, *BLACK HORSE CANYON UNIT #3*, located as shown in the NE 1/4 SW 1/4 Section 9, T15S, R24E, S.L.B. & M. Uintah County, Utah.

T15S, R24E, S.L.B. & M.



CERTIFICATE

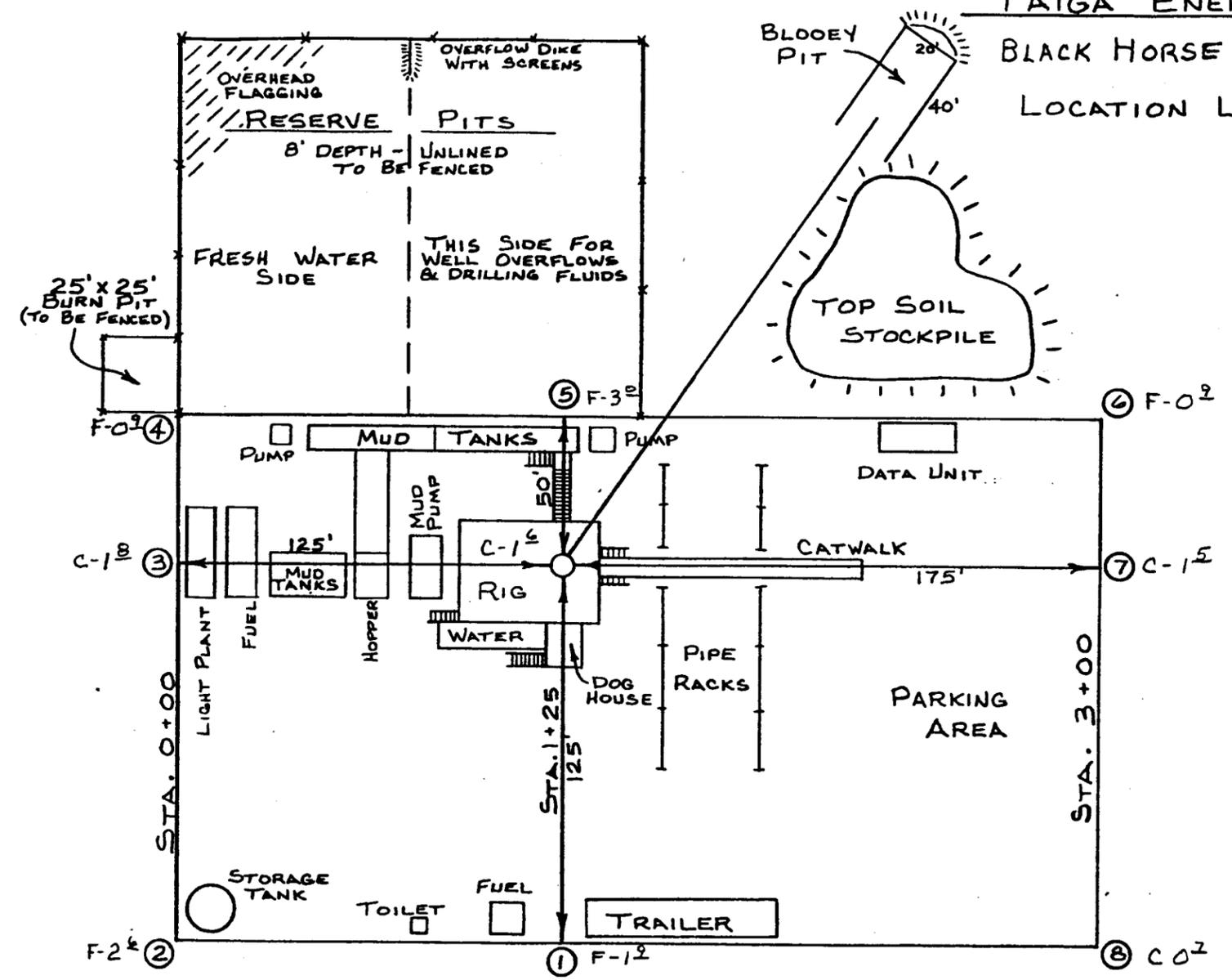
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence [Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

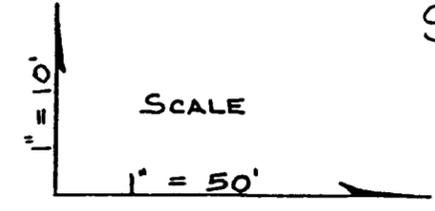
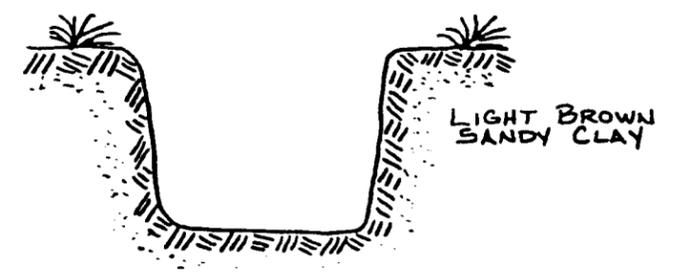
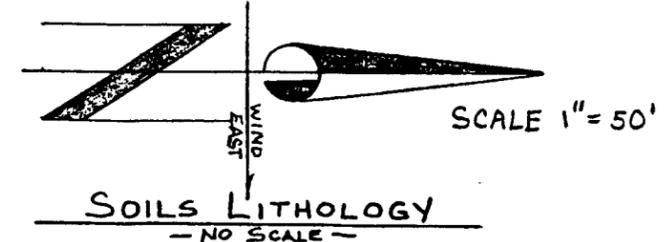
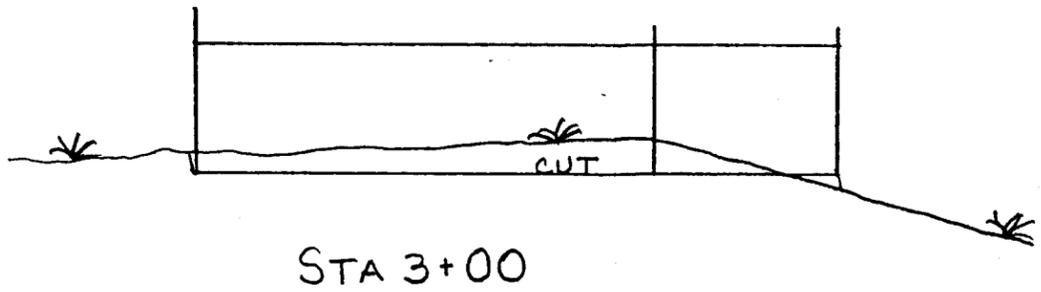
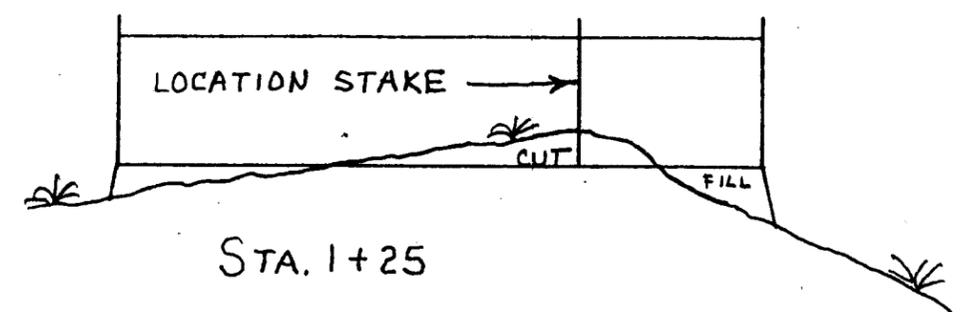
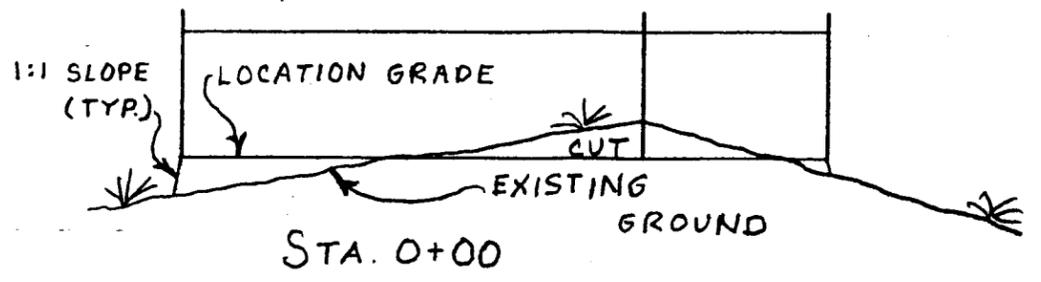
UINTAH ENGINEERING & LAND SURVEYING
 P.O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	5/19/78
PARTY	MS KA RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	TAIGA ENERGY

TAIGA ENERGY, INCORPORATED
 BLACK HORSE CANYON UNIT #3
 LOCATION LAYOUT & CUT SHEET



C
R
O
S
S
S
E
C
T
I
O
N
S



APPROX. YARDAGES
 CUT 1,076 CU. YDS.
 FILL 956 CU. YDS.

30 MILES TO OURAY, UTAH

63.7 TO AL MILES TO OURAY, UTAH

Wolf Den Camp

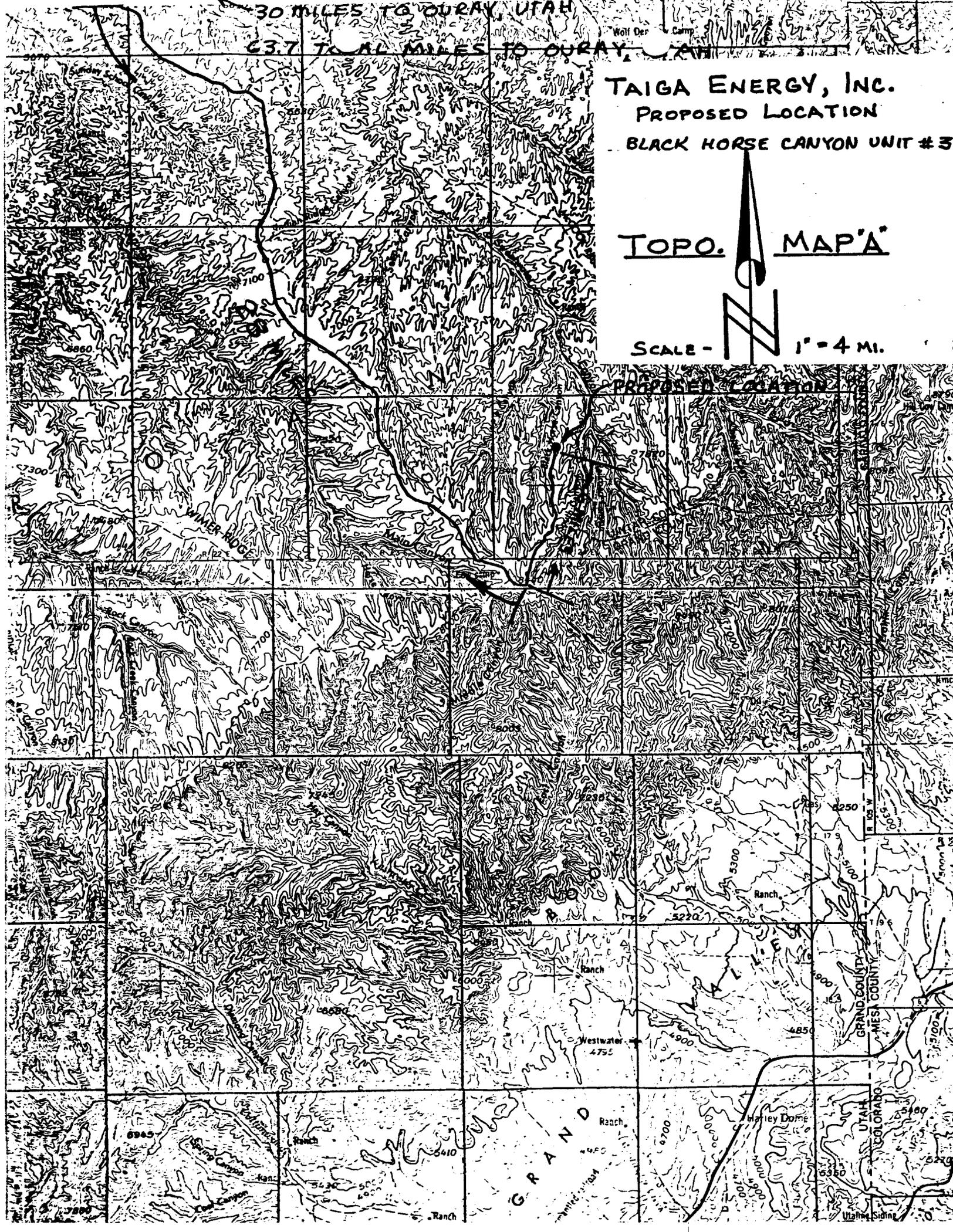
TAIGA ENERGY, INC.
PROPOSED LOCATION
BLACK HORSE CANYON UNIT #3

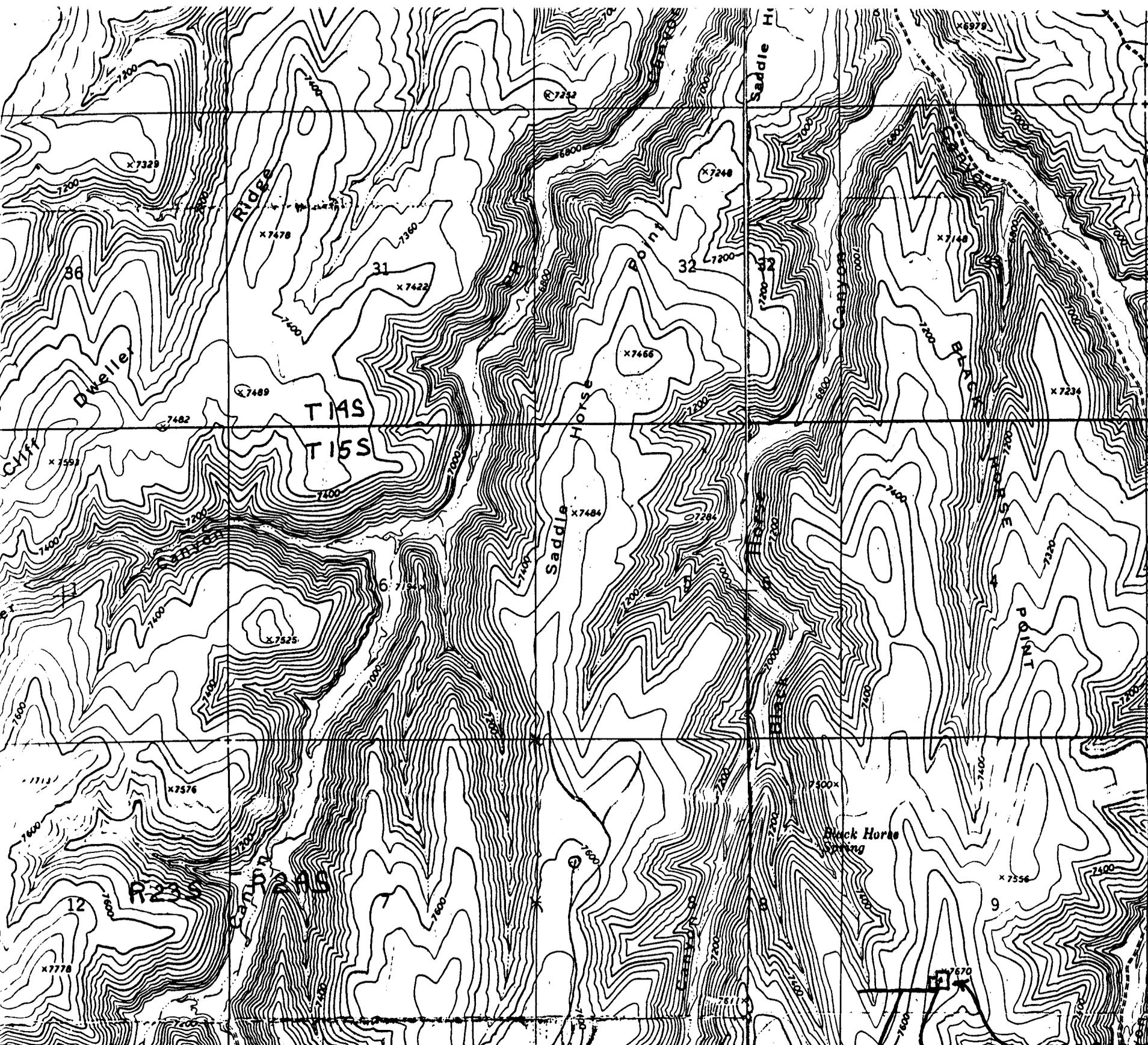
TOPO. MAP A



SCALE - 1" = 4 MI.

PROPOSED LOCATION



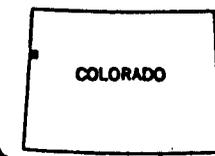


TAIGA ENERGY INC.
PROPOSED LOCATION
BLACK HORSE CANYON UNIT #3

TOPO. MAP 'B'

SCALE - 1" = 2000'

ROAD CLASSIFICATION
Light-duty _____ Unimproved dirt - - - - -



COLORADO



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
February 22, 1980

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Coseka Resources Ltd.
718 17th Street
Suite 630
Denver, Colorado 80202

RE: Well No. Dry Burn Unit #2
Sec. 35, T. 13S, R. 25E, Uintah County

Well No. Black Horse Canyon #3
Sec. 9, T. 15S, R. 24E, Uintah County

See enclosed copy

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the applications. If you plan on drilling these wells at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very Truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK TYPIST



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Re: Well No. Black Horse Canyon #4
Sec. 8, T. 15S, R. 24E, Uintah County

Well No. Rat Hole Canyon #2
Sec. 22, T. 14S, R. 25E, Uintah County



COSEKA RESOURCES (U.S.A.) LIMITED
718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

March 3, 1980

State of Utah
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, UT 84116

Re: Your Letter of February 22, 1980
Applications for Permit to Drill
Dry Burn #2
Black Horse Canyon #3
Black Horse Canyon #4
Rat Hole Canyon #2

Gentlemen:

Attached are two Sundry Notices relative to the spudding of the Dry Burn Unit No. 2 and Rat Hole Unit No. 2 wells, both in Uintah County, Utah.

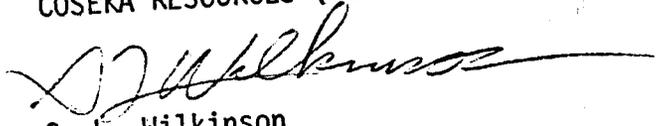
At this time, we do not intend to drill the Black Horse Canyon No. 4 well (Section 8-T15S-R24E, Uintah County) so the application can be terminated.

We do plan to drill the Black Horse Canyon No. 3 (Section 9-T15S-R24E, Uintah County) but we have changed the name to Black Horse Canyon 6-9-15-24. We should spud this well in the first part of the summer.

If you have any questions or need more information, please advise.

Yours very truly,

COSEKA RESOURCES (U.S.A.) LIMITED


S. L. Wilkinson
Chief Engineer

SLW/bg

Enclosures

RECEIVED

MAR 5 1980

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

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
 Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
 718 17th Street, Suite 630, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 1395' FSL, 1709' FWL, Section 9, T15S R24E, S. L. B. & M., Uintah Co., Utah.
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 63.7 miles from Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1395'

16. NO. OF ACRES IN LEASE 2499.81

17. NO. OF ACRES ADJIGNED TO THIS WELL 360

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8800'

19. PROPOSED DEPTH 8800'

20. NOTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DP, HT, GR, etc.)
 7675' ungr

22. APPROX. DATE WORK WILL START
 1 March 1980

6. LEASE IDENTIFICATION AND SERIAL NO.
 U-2835

7. UNIT AGREEMENT NAME
 Black Horse Canyon

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 6-9-15S-24

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR HBL. AND SURVEY OR AREA
 NE SW Sec 9 T15S R24E

12. COUNTY OR PARISH 13. STATE
 Uintah 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" NEW	48#	200'	250
12-1/4 "	8-5/8" NEW	32#	4800'	200
7-7/8 "	5-1/2" NEW	15.5 # & 17#	8800'	500

APD WAS ORIGINALLY SUBMITTED AND APPROVED IN 1978. ORIGINAL APPLICATION EXPIRED IN 1979.

RECEIVED
 JUL 18 1980

APD IS BEING RESUBMITTED WITH A CHANGE IN THE TOTAL DEPTH TO BE DRILLED.

DIVISION OF OIL, GAS & MINING

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

DUPLICATE COPY

24. 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.

SIGNED [Signature] TITLE OPERATIONS MANAGER DATE 2-11-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks : FOR E. W. GUYNN DISTRICT ENGINEER DATE JUL 17 1980

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*See Instructions On Reverse Side
 Production Facilities and Flowline NOT Approved

Utah Oil - Gas

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Talga Energy, Inc. Location Sec. 9-15S-24E
Well No. 3 Lease No. U-2835

A COPY OF THESE CONDITIONS SHOULD BE FURNISHED YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (30 CFR 221), and the approved plan of operations. The operator is considered fully responsible for the actions of his subcontractors. The following items are emphasized:

1. There shall be no material deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 30 CFR 221.22. Any changes in operations must have prior approval of this office. Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls must be installed prior to drilling the surface casing plug and will remain in use until the final casing string is run. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs. All BOP pressure tests must be recorded on the daily drilling report.
2. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and furnished this office for analysis. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
3. No location will be made or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of this office. In the event abandonment of the hole is desired, a verbal request may be approved by this office but must be timely followed with a confirmation request in writing using the "Sundry Notice" (form 9-331). If a well is suspended or abandoned, all pits will be fenced until they are backfilled.
4. The spud date will be reported to the District Engineer within 48 hours and Form 9-329, "Monthly Report of Operations" will

be filed starting with the month in which operations began unless otherwise approved in writing by the district engineer.

"Sundry Notices and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground will require the filing of a suitable plan and prior approval by the survey.

If the drilling operation results in a dry hole, form 9-331 is also to be filed at the time that all surface restoration work has been completed and the location is considered ready for inspection.

5. "Well Completion and Recompletion Report and Log" (form 9-330) will be submitted not later than 15 days after completion of the well or after completion of operations being performed, in accordance with 30 CFR 221.59. Two copies of all logs run, core descriptions, core analyses, well-test data, geologic summaries, sample descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 9-330. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by this office.

6. Other: (a) Strict compliance with Surface Use Plan and Supplemental Stipulations:
(b) Strict compliance with the Well Control Program;
and (c) Compliance with NTL-2B-Section VII (Attached)

7. The U. S. Geological Survey district office address is:

8440 Federal Building, Salt Lake City, Utah 84138
Phone (801) 524-5650
Dist. Engr. Edgar W. Guynn Home Phone (801) 582-7042
Asst. Engr. Willis P. Martens Home Phone (801) 466-2730

8. The BLM contact man is: Steve Ellis, BLM Vernal
Phone 789-6478 (Home) 789-1362 (Office)

9. Significant surface values (are)(are not) involved at this location. Accordingly, this office (must)(need not) be promptly notified as soon as field operations begin.

NTL-2B

VII DISPOSAL FACILITIES FOR NEW WELLS

With the approval of the District Engineer, produced water from wells completed after the issuance date of this Notice may be temporarily disposed of into unlined pits for a period up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer. Failure to timely file an application within the time allowed will be considered an incident of noncompliance and will be grounds for issuing a shut-in order until the application is submitted. With the approval of the District Engineer, the disposal method may be continued pending his final determination. Once the District Engineer has determined the proper method of disposal, the lessee or operator will have until October 1, 1977, or 60 days following receipt of the District Engineer's determination, whichever is longer, in which to make any changes necessary to bring the disposal method into compliance. However, if the disposal method then employed is endangering the fresh water in the area or otherwise constitutes a hazard to the quality of the environment, the District Engineer will direct prompt compliance with the requirements of this Notice.

Taiga Energy, Inc.
Well # 3
Sec. 9-15S-24E
U-2835

Supplemental Stipulations

1. A burn pit shall not be constructed. There will be no burying of garbage and trash at the well sites. Trash and garbage must be contained and hauled to an approved disposal site.
2. The existing roads shall be upgraded to meet the standards of the anticipated traffic flow, and all weather road requirements. Upgrading shall include but not be limited to ditching, graveling, crowning, and capping the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud or large holes develop, they shall be graveled in, and access not made around them. Road drainage crossings shall be of the dry creek drainage crossing type, designed so they will not cause siltation, accumulation of debris in the drainage crossing, nor be blocked by the roadbed; or the road crossing shall have proper culvert installation.
3. In the event production is established, the planned access roads shall meet the standards of the existing roads as described in item 2 above.
4. The maximum width of access roads (both existing and planned) will be 24 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required, and travelling off the right-of-way will not be allowed.
5. Topsoil will be stockpiled as addressed in the applicant's 13 point plan. Our office recommends that the top 12 inches of soil material, or approximately 2500 cubic yards, be stockpiled.
6. A pre-construction conference shall be arranged at least 24 hours prior to any construction to achieve a clear understanding of the requirements.
7. The BLM will be contacted at least 24 hours prior to any rehabilitation so that the operator may be apprised of seeding and restoration requirements.
8. Cattleguards will be required to gain access (see enclosed maps A & B). The fence will be cut or the existing gate in the fence will be replaced with a cattleguard with a minimum width of 18', and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of the wells. A new gate shall be installed at one end of each cattleguard. Cattleguard installation shall meet the specifications as outlined in the booklet "Surface Operating Standards for Oil and Gas Exploration and Development".

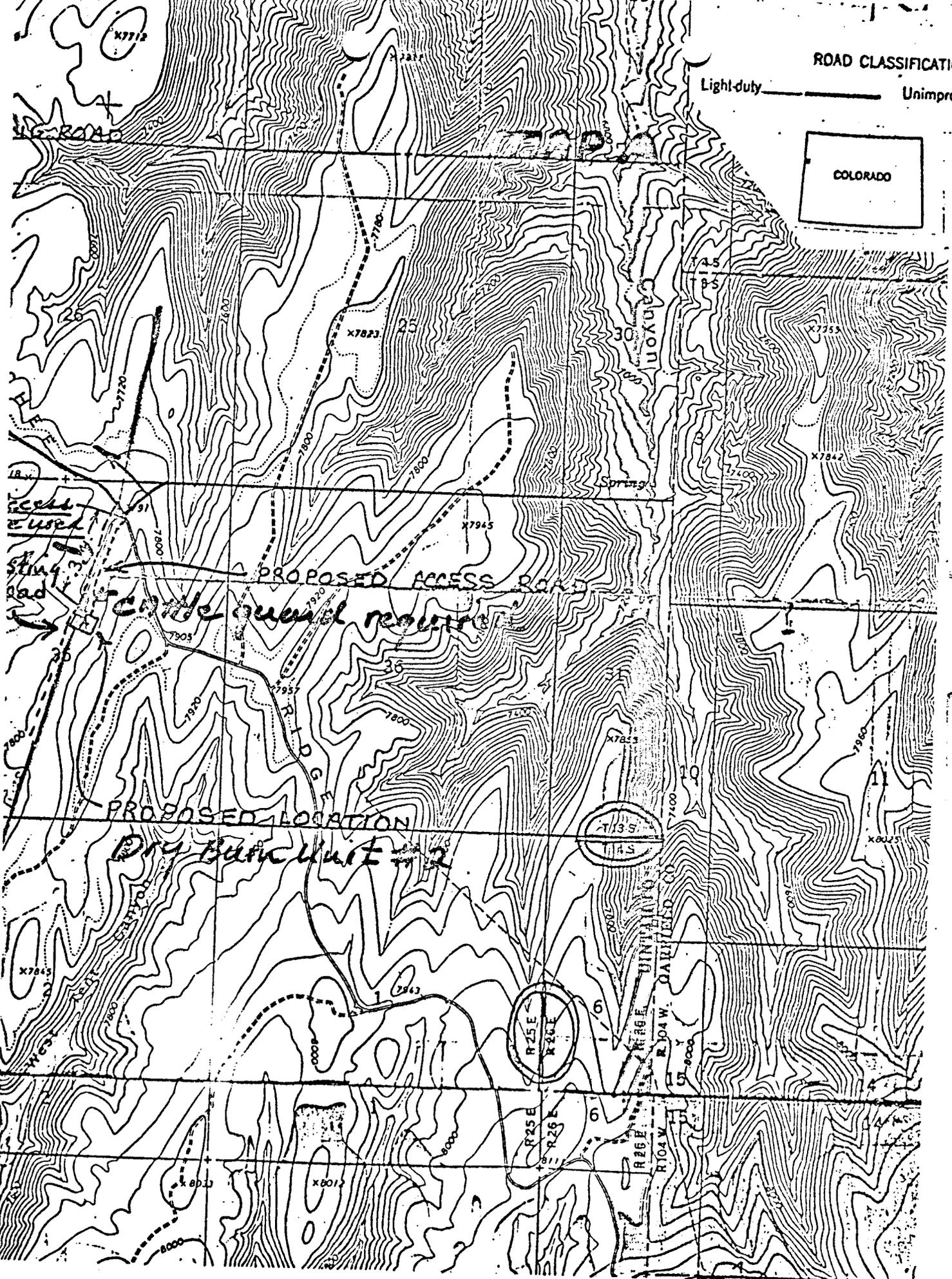
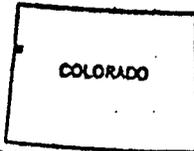
Taiga Energy, Inc.
Well 3-9-15-34
U-2835

Supplemental Stipulations continued.

9. Trees that require removing from the locations shall not be pushed into piles, but rather scattered around the edge of the locations. After production operations are completed, these dead trees shall be scattered back over the locations for use as cover.
10. We have no objections for Taiga to obtain water from Sweetwater Creek, Bitter Creek, or South Camp, provided no new roads are constructed. Use of existing roads shall meet the standards of item 2 above.
11. An Archaeological clearance will be required prior to approval of APDs.
12. No surface disturbing activities will be allowed between November 30 and April 1.
13. Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the MesaVerde section. Please also provide two copies of drilling logs and two copies of electric logs run to Mr. Jackson Moffitt, Mining Division, U.S. Geological Survey, Room 8426 Federal Building, 125 South State Street, Salt Lake, UT 84138. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the Oil Shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.
14. Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development:". This includes, but is not limited to, such items as road construction and maintenance, handling of top soil, and rehabilitation.

ROAD CLASSIFICATION

Light-duty _____ Unimproved _____



PROPOSED ACCESS ROAD

PROPOSED LOCATION

Dry Basin Unit #2

contour interval 20 feet

see map

road

7135
1145

725E
726E

R 104 W. GARFIELD CO. UTAH

R 25E
R 26E

COLORADO

7720

X7823

X7945

X7855

X7842

X7355

X7845

X8013

X8013

X8025

6

6

25

25

30

25

35

40

40

40

40

8000

8000

8000

8000

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

7800

8000

8000

8000

8000

8000

8000

8000

8000

8000

8000

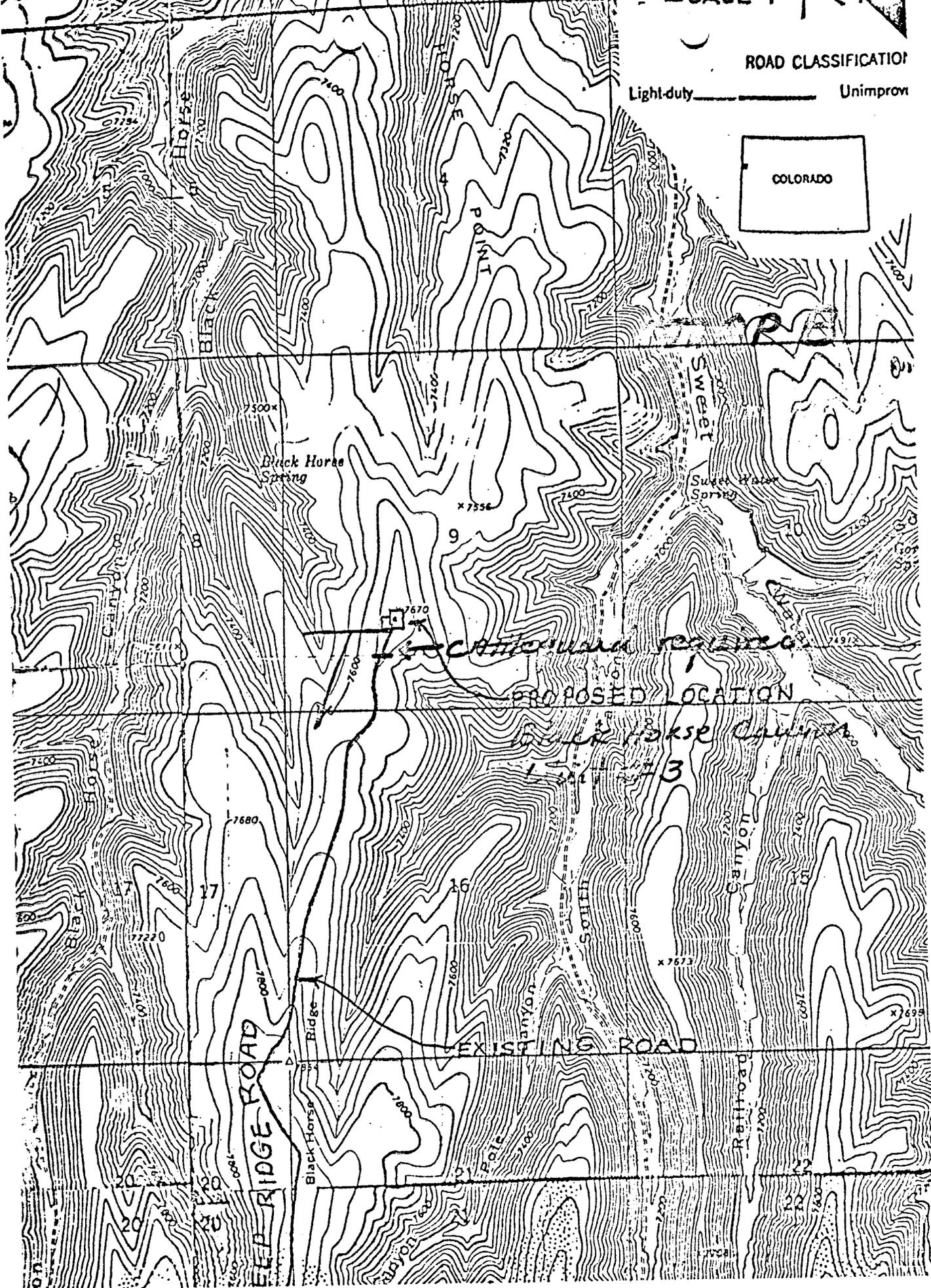
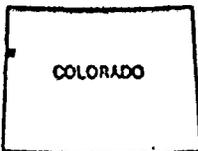
8000

8000

SCALE - 1

ROAD CLASSIFICATION

Light-duty _____ Unimprov _____



Black Horse Canyon
PROPOSED LOCATION
Black Horse Canyon
1-13

EXISTING ROAD

BLACK HORSE RIDGE ROAD

Railroad

Pole Canyon

South

Canyon

Sweet

Sweet Water Spring

Black Horse Spring

POINT

Black Horse

x 7356

x 7670

x 7673

x 6995

17

16

22

22

22

22

20

20

20

Proposed Action:

On June 20, 1978, Taiga Energy, Inc. filed an Application for Permit to Drill the No. 3 Black Horse Canyon exploratory well, a 6100-foot gas test of the Mancos Formation; located at an elevation of 7675 ft in the NE $\frac{1}{4}$, SW $\frac{1}{4}$ Sec. 9, T.15S, R.24E, on Federal mineral lands and Public surface; Lease No.U-2835. There was no objection raised to the wellsite nor to the access road.

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

A working agreement has been reached with the Bureau of Land Management the controlling surface agency who will supply supplemental stipulations for the roadless area. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 175 ft wide x 300 ft and a reserve pit 125 ft x 150 ft. No access road will be constructed as location lies adjacent to an existing road. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date and duration of drilling activities are included in the operator's 10-Point Subsurface Protection Plan.

Location and Natural Setting:

The proposed drillsite is approximately 64 miles southeast of Ouray, Utah, the nearest town. A fair road runs adjacent to the location. This well is a Wildcat.

Topography:

Mountain terrain dissected by numerous ridges and steep wall canyons of sandstones, conglomerates and shales. Location is on top of a ridge on a level area chained of vegetation.

Geology:

The surface geology is Green River. The soil is shaley sandy loam with sandstone fragments. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

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

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

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon, juniper association is also present. Also present are pine trees.

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

Approximately 1.6 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, resseding of slope-cut area would minimize this impact.

Air:

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

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

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 14 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 10 inches.

Winds are medium to strong and gusty, occurring predominately from west to east. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is north into Sweetwater Canyon that feeds Bitter Creek which in turn supplies the White River to the north.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirement of NLT-2B.

The depths of fresh water formations are listed in the 10-Point Sub-surface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Native grasses, sage, Mountain Mahogoney, pinon-juniper.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association. Pine trees are also present.

Proposed action would remove about 1.6 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

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

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominately of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

Social-Economic Effect:

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

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

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

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

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County. But should this well discover a significant new hydrocarbon source, local, state and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

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

Land Use:

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, near the proposed location. The location lies within the BLM Vernal District preliminary roadless inventory area.

The proposed location is within the Book Cliffs Planning Unit (08-09). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

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

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.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

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

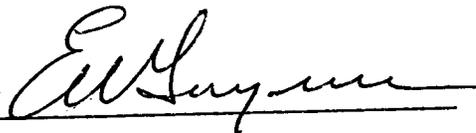
Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 1.6 acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to Bitter Creek would exist through leaks and spills.

Determination:

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

see EA 1217 Supp.



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



United States Department of the Interior

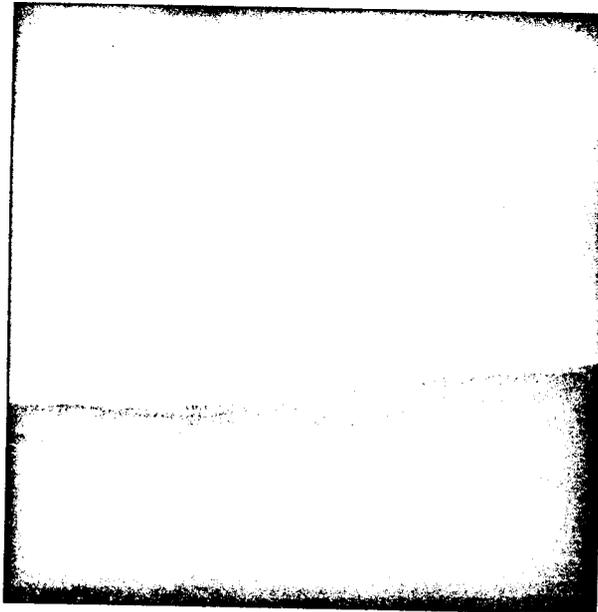
GEOLOGICAL SURVEY

EA # 1217 Supp.

THE area of the proposed action has been inventoried for roadless and wilderness characteristics by the Bureau of Landmanagement, the surface managing agency. The Bureau of Land Management has determined the proposed action would not affect a 5,000- acre roadless area or potential wilderness area.

There are no known roadless or wilderness areas managed by other agencies contiguous to the proposed action.

Please refer to the BLM letter of conditions of approval.



U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

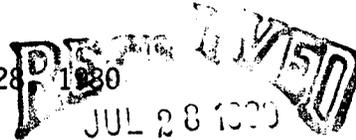
Well	Location	Lease No.
TAIGA ENERGY, INC. #3	1395' FSL x 1709' FWL (NE 1/4 SW 1/4) SEC. 9, T. 15S., R. 24E., SLM Utah County, Utah	U-2835
<p>1. Stratigraphy and Potential Oil and Gas Horizons. G.E.I. 7675' The surface rocks are Green River (Douglas Creek member). The Mancos "B" sand and Dakota Formation may contain gas. Great Basin Petroleum, REA #1 (G.E.I. 7839') section 17, same township, reported the following tops: Wasatch - 1262', Mesaverde - 3487', Mancos - 4346', Mancos "B" - 5208', Dakota - 8298'. Estimated tops by the operator appear reasonable.</p> <p>2. Fresh Water Sands Fresh water sands may occur in the Green River Formation.</p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Location falls within boundary of lands considered valuable prospectively for coal in the Mesaverde. Coals if present will occur at depths in excess of 3000 ± ft.</p> <p>4. Possible Lost Circulation Zones. Unknown.</p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers penetrated.</p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. None anticipated by operator.</p> <p>7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.</p> <p>8. Additional Logs or Samples Needed. Sonic and density logs through Mesaverde to delineate coals. Base of Mesaverde is estimated at 4090' ft. Thickness of Mesaverde is estimated at 850 ±.</p> <p>9. References and Remarks Outside of KGS. USGS. Bull. Paper 548</p>		
Date: 7/11/78	Signed: REG	



COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

July 28 1989



State of Utah
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84116

DIVISION OF
OIL, GAS & MINING

Re: Black Horse Canyon Unit
Federal 6-9-15S-24
NE SW Sec. 9-T15S-R24E
Uintah County, Utah

Gentlemen:

Please find enclosed, in triplicate, the State of Utah Application for Permit to Drill for the above referenced well. Also enclosed are the Survey Plat and Geological Prognosis.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda Groghan

Brenda Groghan
Production Secretary

/bg

Enclosures



DIVISION OF
OIL, GAS & MINING

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

5. Lease Designation and Serial No.

U-2835

6. If Indian, Allottee or Tribe Name

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

7. Unit Agreement Name

Black Horse Canyon

8. Farm or Lease Name

Federal

2. Name of Operator

Coseka Resources (U.S.A.) Limited

9. Well No.

6-9-15S-24

3. Address of Operator

718 17th St. Suite 630, Denver, Colorado 80202

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

11. Sec., T., R., M., or Blk. and Survey or Area

At surface
1395' FSL, 1709' FWL, Section 9-T15S-R24E, S.L.B.&M.,
At proposed prod. zone
Uintah County, Utah

NE SW
Sec. 9-T15S-R24E

14. Distance in miles and direction from nearest town or post office*

63.7 miles from Ouray, Utah

12. County or Parrish

Uintah

13. State

Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

1395'

16. No. of acres in lease

2499.81

17. No. of acres assigned to this well

360

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

8993'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7675' Ungr

22. Approx. date work will start*

August 4, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8" NEW	48#	200'	250 sxs
12-1/4"	8-5/8" NEW	32#	4800'	200 sxs
7-7/8"	5-1/2" NEW	15.5# & 17#	8993'	500 sxs

8-6-80
BY: M. J. Minder

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

24.

Signed

J. D. Odum

Title Manager of Operations

Date 7/28/80

(This space for Federal or State office use)

Permit No.

Approval Date

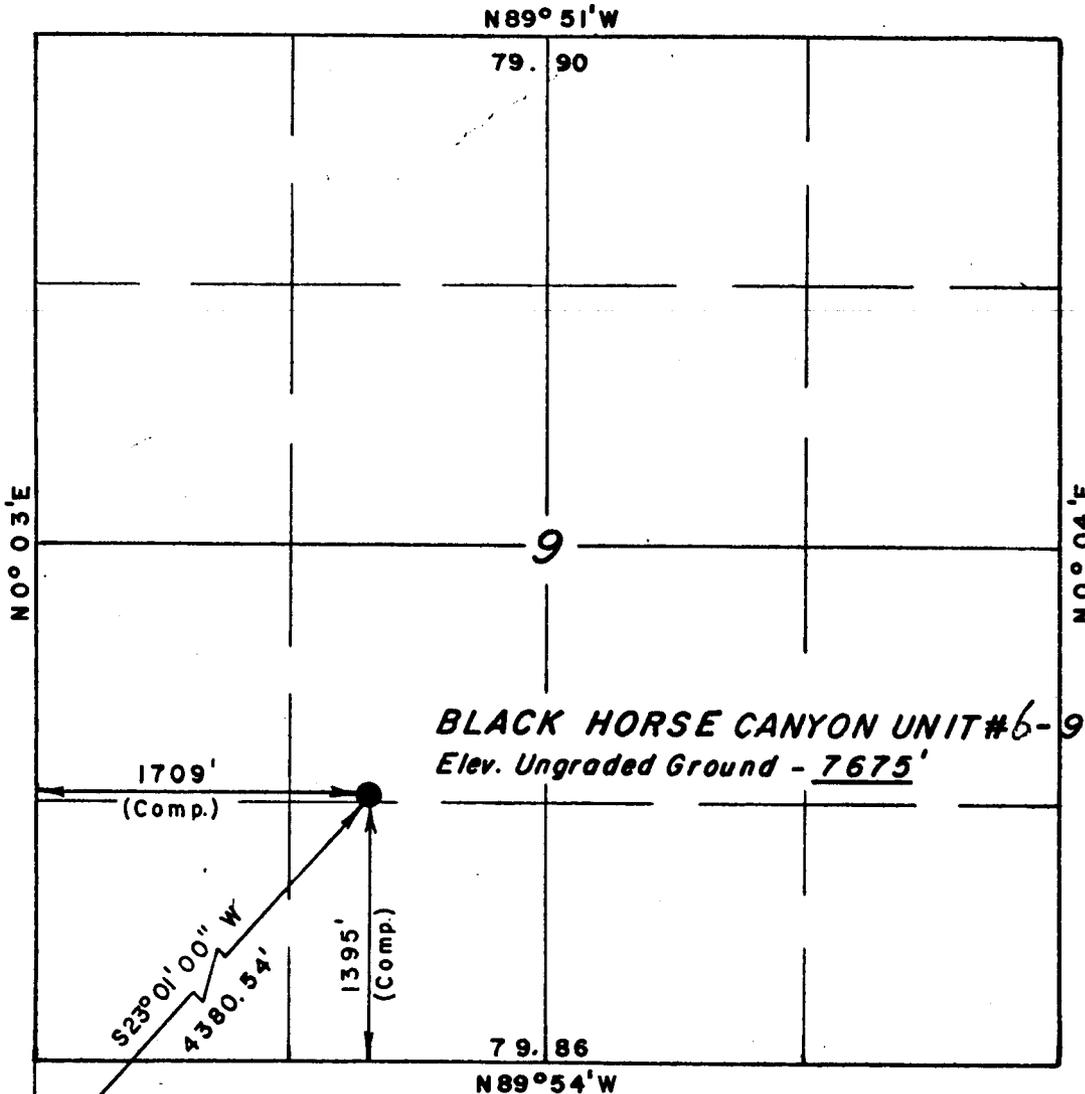
Approved by

Title

Date

Conditions of approval, if any:

T15S, R24E, S.L.B. & M.



X - W 1/4 Corner Section 16, T15S, R24E, S.L.B. & M.

X SW Corner Section 16, T15S, R24E, S.L.B. & M.

PROJECT
COSEKA RESOURCES U.S.A. LTD.

Well location, *BLACK HORSE CANYON UNIT # 6-9-15-24*, located as shown in the NE 1/4 SW 1/4 Section 9, T15S, R24E, S.L.B. & M. Uintah 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.

Lawrence R. [Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	5/19/78
PARTY	MS KA RP	REFERENCES	GLO Plot
WEATHER	Fair	FILE	COSEKA RESOURCE

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: Coseka Resources, Ltd.

WELL NAME: Blackhorse Canyon #6-9-15-24

SECTION 9 NE SW TOWNSHIP 15S RANGE 24E COUNTY Uintah

DRILLING CONTRACTOR Olsen Drilling

RIG # 2

SPODDED: DATE 9/13/80

TIME 2:00 a.m.

How rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Don Dunckley

TELEPHONE #

DATE September 15, 1980

SIGNED *M. J. M.*

cc: USGS

Page 1

Daily Drilling Report

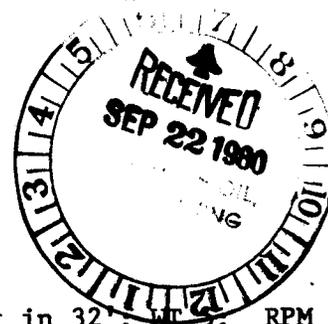
Well Name

BLACK HORSE CANYON #6-9-15-24

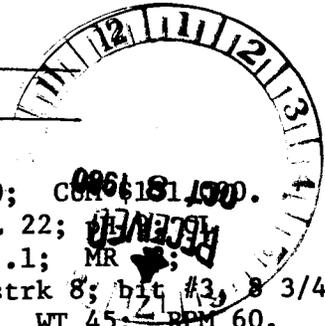
Location

NE SW Sec 9-15S 24E Uintah Co., Utah Olsen Rig #2.

- 9/9/80 MIRURT.
- 9/10/80 MIRURT.
- 9/11/80 MIRURT. Location very muddy.
- 9/12/80 MIRURT. SHOULD SPUD TOMORROW.
- 9/13/80 50' DAY 1. DRILLING. DAILY /CUM \$40,000.
NW 8.8; Vis 80; bit #1. 12 $\frac{1}{2}$ " DMN; jets 3-24's; Dpt in 32'; WT 3; RPM 60.
Drlg 4; Mis nud 2; RU 18. Spud 2:00 a.m. 9/13/80.
- 9/14/80 232' DAY 2. 182' LAST 24 HRS. WAIT ON CEMENT. DAILY \$11,500; CUM \$51,000.
3/4 $^{\circ}$ @ 97', 1/2 $^{\circ}$ Q 167'. 1/2 $^{\circ}$ @ 232'; MW spud; pump press 400; SPM 100-56; liner
size 6-6; len strk 8-18; bit #1; Dpt in 321'; Out 232'; 200' in 17 3/4 hrs;
11' /hr; WT 30; RPM 90; grade T 2, B 2, G I. Drlg 13 3/4; RS 1/2; trip 3;
WO csg crew 2 1/2; run csg 1 1/2; cmt 1, WOC 1; circ 1. Ran 6 jts 9 5/8" 36#
N-80 LT&C & ST&C. Cmt w/80 sxs G w/3% CaCL₂ 1/2 Flocele. Shoe @ 232', float
@ 188' KB Plug down @ 5:00 a.m. (/14/80.
- 9/15/80 232' TIH w/ Bit #2. DAILY \$12,735; CUM \$64,235. Bit #2 3 3/4" F-2; jets 9-10-10;
Dpt in 323'. WOC 11; NU 9; trip 2; Test BOP'S to 1000 psi 2. BHA = bit,
6 pt reamer, shock sub, 1 RWP w/alum blades, 30' collar, 1-BWP w/alum blades.
The 24 6" collars 16 jts wt pipe.
- 9/16/80 1,222' DAY 3. 990' LAST 24 HRS. DRILLING. DAILY \$ 8,965; CUM \$73,200.
Green River; 1/2 $^{\circ}$ @ 500', 1/2 $^{\circ}$ @ 1,000'; MW water; 2% KCL; pump press 1100;
SPM 98; liner size 6; len strk 8; bit #2, 8 3/4" F-2; jets 20-20-11; Dpt
in 232'; 990' in 14 hrs; 71'/hrs; WT 30 RPM 50. Drlg 14; trip 2 3/4;
drlg cmt & shoe 5 1/2; clean tanks 1. Tagged cmt @ 131'. Plugged jets. TOH.
Drill collar shavings & 1 small rock.
- 9/17/80 2,163' DAY 4. 941' LAST 24 HRS. DRILLING. DAILY \$ 16,315; CUM \$89,515.
Green River; 3/4 $^{\circ}$ @ 1,503 3/4 $^{\circ}$ @ 1,950; MW 8.8; Vis 28; PH 7; CL 7,000;
MF .2; CA tr; 2% KCL; pump press k,200# SPM 98; liner size 6; len strk 8;
bit #2; jets 10-10-11; Dpt in 232'; 1,931' in 35 3/4 hrs; 54'/hr; WT 35;
RPM 50. Drlg 21 3/4; RS 1/2; Survey 1 1/2; tite conn 1/2. String wt. 84,000#
- 9/18/80 2,934' DAY 5. 771' LAST 24 HRS. DRILLING. DAILY \$12,235 CUM \$101,750.
Wasatch; 1 3/4 $^{\circ}$ @ 2464m 3 1/2 $^{\circ}$ @ 2765', 3 $^{\circ}$ @ 2865'; MW 9.0; Vis 34; WL 24;
PH 8; CL 6000; FC 2/32; Gels 1/4; Dlds 3.7; SD 1 1/2; PV/YP 5/5 @ 70 $^{\circ}$ F;
PF 0.1; MF .3; 2% KCL; DP /DC 126/ 207: nump press 1200; SPM 100; bit #2,
8 3/4" F-2; Dpt in 232'; 2702' in 57 1/2 hrs; 47.19'/hr; WT 25-35; RPM 50-80.
Drlg 21 1/2; RS 1/2; survey 2 1/2. Changed wt at survey @ 2765' from 35,000 to
25,000 & incr RPM from 50 to 80 & tight connections disappeared.
- 9/19/80 3,292' DAY 6. 358' LAST 24 HRS. DRILLING. DAILY \$ 16,290; CUM \$118,040.
Mesa Verde; 3 $^{\circ}$ @ 2,975, 3 1/2 $^{\circ}$ @ 3,200; NW 9.3; Vis 35; WL 15 PH 8 CL
10,000; FC 2/32; Gels 6/12; Slds 3.1; SD 3/4; PV/YP 7/12; PF .2; MF .5;
3% KCL, 200 chrom; DP/DC 126/207; pump press 1400; SPM 100; liner size 6;
len strk 8; bit #2, 8 3/4" F-2; jets 10-10-11; Dpt in 232'; Out 2,975';
2743' in 60 1/2 hrs; 45'/hr; WT 35; RPM 62; grade T 4, B 4, G 3/16"; bit #3,
8 3/4 F-2; jets 3-10's; Dpt in 2,975'; 317' in 11 1/2 hrs; 28'/hr; WT 35;
RPM 62. Drlg 14 3/4; trip 5 1/2; circ 1; survey 1 1/2; change out reamers 1 1/2.
Reamer out guage 3/16. Stab out 1/2'. No tight connections before trip & none after.

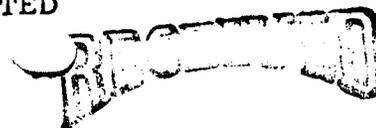


Well Name BLACK HORSE CANYON # 6-9-15-24
 Location NE SW Sec 9-15S-24E Uintah Co., Utah Olsen Rig #2.



- 9/20/80 3,940' DAY 7. 648' LAST @\$ HRS. DRILLING. DAILY \$13,050; CUM \$181,100. Mesa Verde; 3 3/4" @ 3382', 2 1/2" @ 3881'; ME 8.8 Vis 35; WL 22; 11,000; FC 2; Gels 6/12; Slds 3.4; SD 1/2; PV/YP 6/7; PF .1; MR 1; KCL 3%, 200 ppm; press 1350; SPM 100; liner size 6; len strk 8; bit #3, 8 3/4" F-2; jets 3-10's Dpt in 2975'; 967' in 33 3/4 hrs; 28'/hr; WT 45; RPM 60. Drlg 22 1/2; RS 1/2; survey 1 1/2.
- 9/21/80 4,642' DAY 8. 702' LAST 24 HRS. DRILLING. DAILY \$13,541; CUM \$144,631. 2 1/2" @ 4250'; MW 9.1; Vis 34; WL 18; PH: CL 10,500; FC 2; Gels 5/9; Slds 4.9; SD 1 1/2; PV/YP 10/7; PF 1/13; 3% KCL, press 1425; SPM 100; liner size 6; len strk 8; bit #3; Dpt in 2975'; 1667' in 56 1/2 hrs; 29 1/2'/hr; WT 45; RPM 60. Drlg 22 3/4; RS 1/2; survey 1.
- 9/22/80 4,802' DAY 9. 260' LAST 24 HRS. DRILLING. DAILY \$31,376; CUM \$176,007; Mancos; 2" @ 4701'; MW 9.1; Vis 40; WL 10.5; PH 11; CL 10,000; FC 2; Gels 3/8; Slds 5.7; SD 1/2; PV/YP 3/5; PF 3/6; press 1700; SPM 100; Bit # 3, 8 3/4" F-2; Jets 3-10's; Dpt in 2975'; Out 4701'; 1726' in 59 1/2 hrs; 29'/hr; WT 45; RPM 60; grade T 6, B 3, G 1/2; bit #4, 8 3/4" J-44; Jets 3-10's; Dpt in 4701'; 101' in 7 hrs; 14.1'/hr; WR 35; RPM 53. Drlg 10; circ 3; trip 5 1/2; log 5 1/2.
- 9/23/80 5,025' DAY 11. 223' LAST @ 24 HRS. LOGGING. DAILY; \$63,750 \$289,757. Mancos; MW 9.1; Vis 40; WL 14.5; PH 11; CL 10,000; FC 2/32; Gels 8/19; Slds 5.7; SD 3/4; PV/PY 12/16; PF .3; MF .6; 3% KCL, 100 chrom; DP/DC 126/207; press 1600; SPM 100; liner size 6; len strk 8; bit #4, 8 3/4" J-44; jets 3-10's; Dpt in 4710'; Out 5025'; 324' in 18 1/2 hrs; 17.6'/hr; Wt 40; RPM 70, Drlg 11 1/2; RS 3/4; circ 2 1/2; lay down dp 7 1/2; log 2. LTD 5,024'.
- 9/24/80 5,025' DAY 12. WAIT ON CEMENT. DAILY \$26,754; CUM: \$226,511. Mancos; 2" @ 4,701'; MW 9.0; Vis 45; WL 10 PH 11; CL 11,000; FC 2; Gels 8/20; Slds 5.0; SD 1/2; PV/YP 12/14; PF .2; MF .6; 3 1/2% KCL; bit #4. Ran 123 jts 7" 23# 8rd K-55 to 5017'. Shoe jt centralized w/3 cement & Castlegate centralized w/3 cement. Landed @ 6 p.m. & cement'd @ 8 p.m. Bumped plug @ 1500#. Held. Good returns thru out. Cement w/400 sx 50-50 poz & 50 sx Class H from 5017 to 3000'. Log 5; WO shoe 2; run csg 5; cement 2; WOC 10. Sego 4371'; Buck tongue 4451'; Castlegate 4552'. Shoe @ 5017'; Float 4976'.
- 9/25/80 5,025' DAY 13. TIH w/ BIT #5. DAILY \$17,050; CUM \$ 284,561. Bit #5, 6 1/8" Y-316; Dpt in 5,025'. Test BOP's to 1000 psi. NW 22; WOC 2. Tuboscope dp - 9 rejects.
- 9/26/80 5,056' DAY 14. 31' LAST 24 HRS. TRIP IN FOR BIT #6. DAILY; \$16,730; CUM; \$300,291. Mancos; air; press 250; bit #5 Dpt in 5,025'; Out 5056; 31' in 1 1/2 hrs; 21'/hr; WT 10; RPM 50; grade T 2, B4, G 0; Bit # 6, 6 1/8" Eagle; Dpt in 5056'. PU drlg string 8 3/4; blow hole 5; trup 5 1/2; drlg shoe 3 1/2; drlg new hole 1 1/2.
- 9/27/80 5,346' DAY 15. 290' LAST 24 HRS. DRILLING. DAILY; \$12,330 CUM; \$312,621. Mancos B; air; press 240-300; bit #6, 6 1/8" Eagle Diamond; jets .8 TFA; Dpt in 5057'; 290' in 9 1/4 hrs; 31.4'/hr; WT 15-20; ROM 70; Ringed out on crown. Pressure built from 240-300 drlg to 560# & trip diamond out. Trip 5; cutline 1 1/2; blow hole 1 1/2; drlg 9 3/4; trip unplug bit 6; RS 1/2.
- 9/28/80 6,074; DAY 16. 728' LAST 24 HRS. DRILLING DAILY; \$12,830 CUM; \$325,452. 2" @ 5300' 2 3/4" @ 5777'; air; 1700 ft³ + booster; press 220; bit #7, 6 1/8" F-3; Jets open; Dpt in 5346'; 728' in 16 1/2 hrs; 44.1'/hr; WT 12; RPM 40. Trip 5 1/2; drlg 16 1/2; survey 1 3/4; RS 1/2.

Daily Drilling Report



Well Name BLACK HORSE CANYON # 6-9-15-24
 Location NE-SW Sec 9-15S-24E Uintah Co., Utah Olsen Rig #2.

OCT 14 1980

DIVISION OF

- 9/29/80 6,807' DAY 17. 723' LAST 24 HRS. TRIP FOR SURVEY. DAILY; \$32,508 & CUMING \$337,952
 6° @ 6300', 6° @ 6570'. Air; press 220; bit #7, 6 1/8" F-3; Jets open;
 Dpt in 5346; Out 6807; 1461' in 35 hrs; 41.7'/hr; WT 12; RPM 40. Drlg
 18½; RS ½; Survey 1; trip for survey 4. Drop survey @ 6777 & trip out. Survey
 tool damaged & float damaged.
- 9/30/80 7,107' DAY 18. 300' LAST 24 HRS. DRILLING. DAILY; \$22,830; CUM; \$360,782.
 Mancos; air; press 240; bit #8, 6 1/8"; diamond; jets .7TFA; Dpt in 6,807';
 300' in 12 hrs; 25'/hr; WT 12; RPM 44. Drill collar wt 43K; stuing wt.
 136,000. Drlg 12; RS ½; WO float 4; trip 7½.
- 10/1/80 8,098' DAY 19. 991' LAST 24 HRS. TOH TO LAY DOWN STAB. DAILY \$11,330;
 CUM \$372,112. Mancos; air; press 270-300; bit #8. 6 1/8" shark tooth
 diamond-3 caret stone; Jets .7 TFA; Dpt in 6,807'; 1,291' in 35 3/4hrs;
 36'/hr; WT 12-18; RPM 44-62. Drly 23 3/4; RS ¼. 7,360' Ran 18,000# & 62
 RPM rate incr from 30'/hr to 50'/hr.
- 10/2/80 8,407' DAY 20. 309' LAST 24 HRS. TOH FOR NEW BIT. DAILY; \$18,384;
 CUM; \$385,946. Dakota; air; press 170-300 ; bit #8, 6 1/8" diamond;
 Jets .7 TFA; Dpt in 6,807'; Out 8,407'; 1,909' in 47½ hrs; 40.2'/hr; WT 13-20;
 RPM 72; Plugged bit & burned. Trip 10; RS 1; blow hole & ream 1½; drlg 11 3/4.
- 10/3/80 8,754' DAY 21. 347' LAST 24 HRS. DRILLING. DAILY; \$13,760. CUM; \$399,706.
 Morrison; air; 250#; 1700 ft³ + 1 booster; bit #9, 6 1/8" F-5; Jets open;
 Dpt in 8,407'; 347' in 15½ hrs; 22.8'/hr; WT 22-18; RPM 44-54. Drlg 15½;
 test well 1½; bolw hole ½; trip 5½ rs 3/4; mix mud ½. TSTM small conn. gas
 flare. No incr in gas chile drlg Dakota. Est TD 8900'.
- 10/4/80 9,000 DAY 22. 246' LAST 24 HRS. LOGGING. DAILY; \$11,330; CUM; \$411,036.
 Morrison; air; 1700 cf; press 225; bit #9, 6 1/8" F-5; Jets open; Dpt in
 8407'; Out 9000'; 593' in 26½ hrs; 22.4'/hr; WT 15-22; RPM 5055.
 Drlg 11½; RS ¼; circ ¼; trip 5½; log 7.
- 10/5/80 9,007' (corrected) DAY 23. WASH & REAM TO BOTTOM;
 DAILY; \$20,650; CUM; \$432,086. Dakota; MW 8.9 Vis 42; WL 8.5; PH 11;
 CL 14,000; FC 1/32; Gels 1/3; PV/YP 9/6; PF .5; KCL 4%; bit #9; WT 12;
 RPM 40. Logging 9 3/4; RS ¼; Trip 2½; fill hole 1 3/4; work stuck pipe
 3/4; ream to bottom 9.
- 10/6/80 9,007' DAY 24. REAMING TO BOTTOM.
 DAILY; \$17,422; CUM; \$450,508 Dakota; MW 9.1; Bis 45; WL 11; PH 8;
 CL 14,000; FC 1/3; Gels 2/8; Slids 1.8; SD ¼; PV/YP 10/7; PF .5; KCL 4%;
 press 1800; SPM 90; liner size 6; len strk 8; bit # 10. 6 1/8" FP-62;
 jets open; WT 18; RPM 50-60; grade T 1, B 1, G 1. bit # 11, 6 1/8"
 Y-31; 11' in 1 hrs, 11'/hr; WT 18; RPM 60.
- 10/7/80 9,007' DAY 25. REAMING @ 8,700'. DAILY; \$12,780. CUM; \$463,288.
 MW 8.8; Vis 37; WL 5.5; PH 11; CL 13,000; FC 1/32; gels 1/3; Slids 2.7;
 SD ¼; PV/YP 10/8; PF .7; KCL 3.5% press 1850; SPM 90; bit #11, 6 1/8"
 Y-31; jets open; reaming; 266' in 10 hrs; 26.6'/hr; WT 15/20; RPM 60;
 grade T 4, B 6, G 1/8; bit #12, 6 1/8" Y-31R; jets open; reaming; 30'
 in 6½ hrs; WT 15/20; RPM 60. reaming 14 3/4; RS ¼; circ½; trip 6½;
 cut drlg line 2.

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

5. LEASE DESIGNATION AND SERIAL NO.
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
6-9-15S-24

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
NE SW
Sec. 9-T15S-R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
718 17th St. #630, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1395' FSL & 1709' FWL Sec. 9-T15S-R24E, Uintah Co., Utah

14. PERMIT NO.
API #

15. ELEVATIONS (Show whether DF, ST, GR, etc.)
7675' Ungr

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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>

(Other) Monthly Report of Operations

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)

(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.)*

9/80 - Spudded 9/13/80. Depth on 9/30/80-7107'.
10/80 - Total depth 8649'. Waiting on completion unit.

RECEIVED

NOV 10 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED Brenda Groghan TITLE Production Secretary DATE 11/6/80
Brenda Groghan

(This space for Federal or State office use)

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

Page 4

Daily Drilling Report

Well Name

BLACK HORSE CANYON # 6-9-15-24

Location

NE SW Sec 9-15S-24E Uintah Co., Utah Olsen Rig # 2.

10/8/80 9,007' DAY 26. CIRCULATE @ 8,990'. DAILY; \$11,705; Cum; \$474,993. Morrison; MW 9.0; Vis 39; WL 8; PH 10.0; CL 14,000; FC 1/32; Gels 1/3; Slids 4%; SD ¼; PV/YP 11/8; PF .6; 4% KCL; press 1100; SPM 50; bit #13, 6 1/8" Y-31R; Jets open; Dpt in reaming; 200' in 12 hrs; WT 18; RPM 60; Grade T 8, B 8, G 1/8; bit #14, 6 1/8" DGJ: 110' in 5½ hrs; WT 20; RPM 60. Reaming 14½; RS 3/4; trip 9. Drlg from 8810 to 8990'.

10/9/80 9,007' DAY 27. LAY DOWN DRILL COLLAR. DAILY; \$13,800; CUM; \$488,793. Morrison; MW 9.0; Vis 45; WL 10; PH 11; CL 14,000; FC 1/32; Gels 1/3; Slids 4%; SD 1/4; PV/YP 11/8; PF .6; KCL 4%; press 1,800; SPM 98; liner size 6; len strk 8; bit # 14; jets open; reaming; 180' in 8½ hrs; WT 18; RPM 60. Reaming 3; circ 2; jarring 10½; freepoint 2; back Off 2; LD dp 4½; Bit @ 8960'; Shot @ 8948'; backed off @ 8650' top of fish. Left 310' fish in hole. Dakota 8415-8444'

10/10/80 8,650' DAY 28. WAIT ON CEMENT. DAILY; \$128,050; CUM; \$616,843. Lay dn dc 2; WO csg crew 1; change rams 2; circ 8; run csg 6; cmt 2 3/4; WOC 2½. Ran 269 jts. (8650') 4½" N-80, 11.6#, LT&C, R-3, csg. Shoe @ 8649' KB: Float @ 8614 KB; DV tool @ 6350'. Cmt w/165 sx did not bump plug. Plug down @ 8:40 p.m. 10/9/80. Second stage 220 sx. Bumped plug w/1500# Plug down 3:45 a.m. 10/10/80. (Rest of cementing data will follow on tomorrow's report)

10/11/80 8649' RDMORT. DAILY; \$10,000; CUM; \$628,843. Set slips @ 58,000#. ST WT 78,000 @ 4: p.m. 10/10/80.

10/12-13/80	RDMORT.	11-1/3-80	W.O.C.U.
10/14/80	W.O.C.U.	11/4 /80	W.O.C.U.
10/15/80	W.O.C.U.	11/5/80	W.O.C.U.
10/16/80	W.O.C.U.	11/6/80	W.O.C.U.
10/17/80	W.O.C.U.	11/7/80	W.O.C.U.
10/18/20/80	W.O.C.U.	11/8-10/80	W.O.C.U.
10/21/80	W.O.C.U.	11/11/80	W.O.C.U.
10/22/80	W.O.C.U.	11/12/80	W.O.C.U.
10/23/80	W.O.C.U.	11/13/80	W.O.C.U.
10/24/80	W.O.C.U.	11/14/80	W.O.C.U.
10/25/80	W.O.C.U.	11/15-17/80	W.O.C.U.
10/26/80	W.O.C.U.	11/18/80	W.O.C.U.
10/27/80	W.O.C.U.	11/19/80	W.O.C.U.
10/28/80	W.O.C.U.	11/20/80	W.O.C.U.
10/29/80	W.O.C.U.	11/21/80	W.O.C.U.
10/30/80	W.O.C.U.	11/22-24/80	W.O.C.U.
10/31/80	W.O.C.U.	11/25/80	W.O.C.U.
		11/26/80	W.O.C.U.

MINING
OF

2001 80 00

OIL & GAS

February 18, 1981

Coseka Resources (U.S.A.) Limited
718 17th Street
Suite 630
Denver, Colorado 80202

RE: Well No. Black Horse #6-9-15-24
Sec. 9, T. 15S, R. 24E.,
Uintah County, Utah

Gentlemen:

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

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

Barbara Hill
BARBARA HILL
CLERK TYPIST

/bjh

Enclosures: forms

Daily Drilling Report

Page 5

Well Name

BLACK HORSE CANYON #6-9-15-24

Location

NE SW Sec 9-15S-24E Uintah Co., Utah Olsen Rig #2.

MAR 23 1981

11-27/12-1-80	W.O.C.U.	1/10-12/81	W.O.C.U.	2/14-16/81	DIVISION OF OIL, GAS & MINING
12/2/80	W.O.C.U.	1/13/81	WOCU.	2/17/81	SI.
12/3/80	W.O.C.U.	1/14/81	WOCU	2/18/81	SI.
12/4/80	W.O.C.U.	1/15/81	WOCU	2/19/81	SI.
12/5/80	W.O.C.U.	1/16/81	WOCU.	2/20/81	SI.
12/6-7-8/80	W.O.C.U.	1/17-19/81	WOCU.	2/21-23/81	SI.
12/9/80	W.O.C.U.	1/20/81	WOCU.	2/24/81	SI.
12/10/80	W.O.C.U.	1/21/81	WOCU.	2/25/81	SI.
12/11/80	W.O.C.U.	1/22/81	WOCU.	2/26/81	SI.
12/12/80	W.O.C.U.	1/23/81	WOCU.	2/27/81	SI.
12/13/15/80	W.O.C.U.	1/24-26/81	WOCU.	2/28/81	SI.
12/16/80	W.O.C.U.	1/27/81	WOCU.	3/1-2/81	SI.
12/17/80	W.O.C.U.	1/28/81	WOCU.	3/3/81	SI.
12/18/80	W.O.C.U.	1/29/81	WOCU.	3/4/81	SI.
12/19/80	W.O.C.U.	1/30/81	WOCU.	3/5/81	SI.
12/20-22/80	W.O.C.U.	1/31/81	WOCU.	3/6/81	SI.
12/23/80	W.O.C.U.	2/2-1/81	WOCU.	3/7-9/81	SI.
12/24/80	W.O.C.U.	2/3/81	WOCU.	3/10/81	SI.
12/25-29/80	W.O.C.U.	2/4/81	WOCU.	3/11/81	SI.
12/30/80	W.O.C.U.	2/5/81	WOCU.	3/12/81	SI.
12/31/80	W.O.C.U.	2/6/81	WOCU.	3/13/81	SI.
1/1-5/81	W.O.C.U.	2/7-9/81	WOCU.	3/14-16/81	SI.
1/6/81	W.O.C.U.	2/10/81	WOCU.	3/17/81	SI.
1/7/81	W.O.C.U.	2/11/81	WOCU.	3/18/81	SI.
1/8/81	W.O.C.U.	2/12/81	WOCU.	3/19/81	SI.
1/9/81	W.O.C.U.	2/13/81	WOCU.	3/20/81	SI.

Daily Drilling ReportPage 6Well Name BLACK HORSE CANYON #6-9-15-24Location NE SW Sec 9-15S-24E Uintah Co., Utah

3/21-23/81 WOCU.

3/24/81 WOCU.

3/25/81 WOCU.

3/26/81 WOCU.

3/27/81 WOCU.

3/28-30/81 WOCU.

3/31/81 WOCU.

4/1/81 WOCU.

4/2/81 WOCU.

4/3/81 MOVE IN RIG. DAILY: \$975 CUM: \$975 \$870,975.

4/4/81 Standby. W.O. tubing + well head + weather.

4/5/81 Attempt to NU tbg. head. Had wrong P.E. Seal. Could not NU. RU power swivel + Mud pump. Pull tbg. truck into location. SDON. DAILY: \$3183 CUM: \$5362 \$875,362.

4/6/81 SD for Sunday.

4/7/81 N.U. tbg. head. PU 2 3/8" tbg. + 3 7/8" mill. TIH Tag cmt. @ 6270'. SDON. DAILY: \$47,398 CUM: \$52,760 \$922,760.

4/8/81 DRILL D.V. TOOL DAILY: \$3997 CUM: \$56,757 \$926,757
Drill out D.V. tool TIH Tal @ 8405' (195' above float). Drilled 3 hrs. made 30'. SDON.

4/9/81 REPLACE TUBING HEAD. DAILY: \$5884 CUM: \$62,641 \$932,641
TOH w/ mill. ND BOP ND. tbg. head. PU 4 1/2" csg. Spear. Pull 100,000 lbs. on 4 1/2" csg. Could not get slips to move. Pump water into braden head. Slips came loose. Re-set slips w/ proper stub length to pack-off tbg head. NU Rector 10" 3000 x 6" 5000 tbg head. PU. 3 7/8" bit Tag tite spot @ 22'..Worked tite spot. SDON.

4/10/81 DRILL OUT CEMENT. DAILY: \$4228 CUM: \$66,869 \$936,869
TIH w/ 3 7/8" bit. Tag @ 8435'. Drill cement to 8610'. TOH RU Gearhart. Ran CBL-VDL. Have good bonding. SDON.

Daily Drilling Report

Page 9
Well Name
Location

BLACK HORSE CANYON #6-9-15-24
NE SW Sec 9-15S-24E Uintah Co., Utah

5/30-6/1/81 SI.

6/2/81 TP 1380 CP 1380. Blew well 25 mins. SI. TP 600 CP 750.

6/3/81 SI.

6/4/81 SI.

6/5/81 SI.

6/6-8/81 SI.

6/9/81 SI.

6/10/81 SI.

6/11/81 SI.

6/12/81 SI.

6/13-15/81 SI.

6/16/81 SI.

6/17/81 SI.

6/18/81 SI.

6/19/81 SI.

RECEIVED
JUN 23

DIVISION OF
OIL, GAS & MINING

GEOLOGIC PROGNOSIS FOR WILDCAT OR DEVELOPMENT WELL

COSEKA RESOURCES (U.S.A.) LIMITED
718 17th Street, Suite 630
Denver, Colorado 80202
573-6178

OPERATOR: Coseka Resources (U.S.A.) Limited

WELL NAME: 6-9-15-24

Black Horse Canyon

LOCATION: Utah

COUNTY & STATE: Uintah Co., Utah

T15S-R24E, Section 9 NE SW

KB: _____

ELEVATION: Grnd. 7660 Topo

PHONE: (303) 986-7306
355-4917

GEOLOGIST: Frank Gibbs
Michael Martin

PHONE: 243-3846

ENGINEER: Don Dunckley

ESTIMATED FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH</u> from GL	<u>(±) ELEVATION</u>
Mancos	4172	+3488
Castlegate	*4444	+3216
Mancos B	5199	+2461
Base Mancos B	5950	+1710 datum
Dakota	8251	- 591
Cedar Mountain-Morrison	8434	- 774
Entrada	9043	-1383

Ref

Webb 31-13 T15S-R24E, Section 31

Taiga Black Horse Canyon #1 T15S-R24E, Section 17

*Adjust tops to Castlegate when information is available

TOTAL DEPTH 8993

GEOLOGIC STATEMENT OF OBJECTIVES

The Mancos B unit and the Dakota formation are the primary objectives in this well.

LOGGING AND CORING INSTRUCTIONS

SAMPLES:

Collect every 30' ft. to 5199 (or top of Mancos "B")
Collect every 20' ft. to 5950 (or base of Mancos "B")
Collect every 30' ft. to 8251 (or top of Dakota)
Collect every 10' ft. to 8434 (or base of Dakota)
20' ft. to T.D.

Forward set(s) of Samples to:

American Stratigraphic Co.

6280 E. 39th Avenue

Denver, Colorado 80207

ELECTRIC AND POROSITY LOGS

Plan to Run: Mud: DIL, Compensated Neutron-Formation Density.

(Note: If hole is switched from air to mud a sonic log might also be run and a dipmeter will be run through the Dakota)

Air: DIL, Compensated FDL, Compensated SNL

(Note: Temperature Log may be run if the well is flowing gas)

CORING

Estimated Core Point _____ Footage _____

POSSIBLE DST's:

DST NO.

FORMATION

CALL DEPTH: Contact Exploration Geologist in Denver office
at Trip to remove stabilizers before drilling into
Dakota or 100' above the top of the Dakota.

STOP DEPTH: Do not drill below top of the Dakota.

without Geologist and/or mud logger on location.

Daily Drilling ReportPage 8

BLACK HORSE CANYON #6-9-15-24

Well Name -----

NE SW Sec 9-15S-24E

Uintah Co., Utah

Location -----

4/17/81 CLEAN OUT SAND. DAILY: \$14,598 CUM: \$263,960 \$1,133,960
 Jet out sand w/ N₂ 8500' to 8555'. Land tbg. w/ Notched Collar @ 8431.78' K.B.
 + SN 267 jts. 2 3/8" J-55 tbg. Made 5 swab runs. Rec. 15 BF. Left well open.

4/18/81 SWAB & FLOW. DAILY: \$2,380 CUM: \$266,340 \$1,136,340
 Well flowing w/ 6-8' flare. CP 975 psi. Made 5 swab runs. Well K.O. flow 45
 mins. then start to load up. Rec. 40-45 BBls gas, water w/ 10-12' flare. Left
 well flowing.

4/19-20/81 SD for Easter.

4/21/81 FLOW WELL. DAILY: \$2,650 CUM: \$268,990 \$1,138,990
 CP 400 - 500 TP flowing w/ mist + 8-14' flare thru-out day. Left open. RD
 completion rig.

4/22/81 Well dead w/ 2' flare. CP 600 psi. Dropped soap. SI.

4/23/81 SI.

5/13/81 TP 1050 CP 1400. Blew well down.
 Unloaded approx. 2 BW. SI. TP 600
 CP 900.

4/24/81 SI.

5/14/81 SI.

4/25-27/81 SI.

5/15/81 SI.

4/28/81 SI.

5/16/81 SI.

4/29/81 SI.

5/17/81 SI.

4/30/81 SI.

5/18/81 SI.

5/1/81 SI.

5/19/81 SI.

5/2-4/81 SI.

5/20/81 SI.

5/5/81 SI.

5/21/81 SI.

5/6/81 SI.

5/22/81 SI.

5/7/81 SI.

5/8/81 SI.

5/9-11/81 SI.

5/12/81 SI.

RECEIVED
 MAY 26 1981

DIVISION OF
 OIL, GAS & MINING

Daily Drilling ReportPage 7

Well Name BLACK HORSE CANYON #6-9-15-24
 Location NE SW Sec 9-15S-24E Uintah Co., Utah

- 4/11/81 BLOW HOLE DOWN. DAILY: \$11,996 CUM: \$78,865 \$948,865
 TIH w/ "F" nipple + scraper to 7,000'. Unload hole w/ N₂. RU GO. TOH. Perf
 9 0.32" holes as follows: 8418; 23; 38; 33; 37; 41; 77; 8511; 14. TIH w/
 Arrow RBP + pkr. to 89. SDON.
- 4/12/81 BREAKDOWN DAKOTA PERFS. DAILY: \$9450 CUM: \$88,315 \$958,315
 Set RBP @ 8,570'. Pkr. @ 8494'. BD perfs 8511, 14 w/ 4% KCL + surfactant + cla
 sta + bacteriacide + 300 SCF/bbl N₂. @ 5500 psi. 3½ BPM. ISDP 3300 psi. 15 min
 2700 psi. Flowed well back. Set RBP 8495 pkr. 8385. BD perfs 8418-8477
 @ 4800 psi. 5 BPM. Dropped 15 balls. Final rate 4.8 BPM @ 5300 psi. ISDP
 2300 psi. 15 min 1400 psi. SDON.
- 4/13/81 SD for Sunday.
- 4/14/81 FOAM FRAC DAKOTA
 DAILY: \$156,267 CUM: \$244,582 \$1,114,582
 TOH w/ tbg. N.D. BOP NU. 5000 psi. frac tree. RU Dowell.
 Foam frac Dakota as follows:
- | | | | |
|------------------------|-----|----------|-----------|
| 15,000 gas pad | 75Q | 24.6 BPM | 6000 psi. |
| 14,000 gal 2 ppg 100M | 75 | 24.7 | 6600 |
| 3,000 gal pad | 75 | 24.6 | 6400 |
| 10,000 gal 1 ppg 20/40 | 75 | 24.7 | 6400 |
| 13,000 gal 2 ppg | 75 | 24.7 | 6400 |
| 15,000 gal 3 ppg | 75 | 24.7 | 6600 |
| 15,000 gal 4 ppg | 75 | 24.7 | 6750 |
| 10,000 gal 5 ppg | 68 | 21 | 6400 |
| 7,000 gal 6 ppg | 68 | 25.7 | 6300 |
| Flush | 68 | | |
- ISDP 5900 psi. Max press. 6900 psi. Avg. 6500 psi.
 Total foam 110,000 gals + 28,000 lbs. 100M + 233,000
 lbs. 20/40. Avg. Rate 24.5 BPM. Shut-in 1 hr. Started
 flowing back. Left flowing overnite.
- 4/15/81 FLOWING WELL w/ 6-8' FLARE.
 Well flowed N₂ + water thru-out day. At 3:00 P.M. started to get int. 6-8'
 flare + heavy mist. Left open to pit. DAILY: \$2190 CUM: \$246,772 \$1,116,772
- 4/16/81 FLOW WELL. RUN TUBING. DAILY: \$2590 CUM: \$249,362 \$1,119,362
 Well flowing w/ 6-8' flare N.D. tree. NU. BOP Run tbg. Tag sand @ 8500'. NU.
 TO Jet sand. SDON.

RECEIVED
JUN 22 1981

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

DIVISION OF
OIL, GAS & MINING

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

7/11/81 PULL 4 1/2" CASING. FISH FOR WIRELINE.
DAILY \$3,862; CUM \$321,470; \$1,455,403.

TOH with DP, DC's jars. BS. Rec 1 jt 4 1/2" csg (32.74') with 1 1/2" split length of jt. Both ends pinched in to 3" ID. TIH with 5 7/8" impression block. Tag @ 1,110.91' KB. TOH. Block shows 4 1/2" csg collar, full ID. TIH with spear 3 7/8" OD x 1 1/2" x 7'. Tag sand line @ 1,184'. Worked spear. Started TOH with 2 stds. Pulled to 10,000 lbs over weight. Pulled free. Rec 4' piece of sand line. TIH with 3 7/8" imp. blk. Tag sand line @ 1,240'. TOH. SDON.

7/12/81 DAILY \$2,600; CUM \$324,070; \$1,458,003.

Move in new casing. RU to run casing. WO McCullough.

7/13/81 SD for Sunday.

7/14/81 PULL 4 1/2" CASING. REPAIR.
DAILY \$4,323; CUM \$329,393; \$1,463,326.

RU to cut csg. WO McC. RU McC. Made chemical cut @ 1149'. TIH w/OS + tools. Catch fish. Could not jar csg loose. TOH. Made 2nd chemical cut @ 1161'. TIH. Latch onto 4 1/2" csg. Pulled fish. Rec 1 full jt + 10' of cut jt. TIH w/mill. Dressed off fish. TOH LD drill pipe + collars. TIH w/ Bowen csg patch 5 5/8" X 4 1/2" X 218' + 29 jts 4 1/2" 11.6# N-80 csg. Patch csg @ 1161.92'. SDON.

7/15/81 FISHING FOR SAND LINE. DAILY \$3,360; CUM \$332,753; \$1,466,686.

Landed 4 1/2" csg in slips with 55,000 lbs. NU tbg head & test. TIH with 1 1/2" spear + jars + BS + DC's + 2 3/8" tbg. Tag fish @ 1,265'. Could not get onto fish. TOH, LD 1 1/2" spear. TIH with 1 1/4" spear. Worked spear 6 hours to get onto fish. Pulled 5 stds with 10,400 lbs over string weight. Lost fish. TOH. No recovery. TIH. Tag fish @ 1,055'. Caught fish. Pulled 10,000 lbs over. Lost fish. TOH. No recovery. SDON.

7/16/81 FISHING FOR SAND LINE. DAILY \$3,047; CUM \$335,800; \$1,469,733.

TIH w/2 prong spear. Tag sand line @ 1,055'. Work tool - could not get onto fish. TOH. TIH w/1 1/2" spear. Spud & work spear. Could not catch line. TOH. TIH w/1 1/4" spear. Could not catch fish. TOH. TIH w/tapered tap 1 1/4" x 2 1/2" x 1.75'. Attempt to tap hole in sand line. TOH. TIH w/1 1/4" spear. Work spear. Could not catch fish. TOH. SDON.

7/17/81 FISHING FOR SAND LINE. DAILY \$3,515; CUM \$339,315; \$1,473,248.

TIH w/taper tap with 7' extensions. Tag fish @ 1,055'. Worked on fish. TOH. TIH w/spear. Caught fish. Pulled 3,000 lbs over. Lost weight. TOH. Rec 4' of tangled line. TIH w/spear. Caught fish. Rec 4' tangled line. Ran spear again. Caught fish. Pulled 22,000 lbs. Lost weight. Rec 6' sand line. Run spear. Tag fish @ 1,065'. Pulled 25,000 lbs. Pulled free. Rec 6' sand line. Run spear. Tag fish @ 1,070'. SDON.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

6/20-22/81 SI.

6/23/81 SI.

6/24/81 SWABBING. DAILY \$2,260; CUM \$271,250; \$1,141,250.

RU B & B Well Service. Blew down well, NU BOP. SDON.

6/25/81 SWABBING. DAILY \$2,250; CUM \$274,350; \$1,144,350.

POOH w/tbg. TIH w/4 1/2" RBP & Pkr. Set RBP @ 8,450', pulled & set pkr @ 8,387' KB. Prep to test perfs 8,418'-8,441'. SI well & SDON.

6/26/81 PREP TO CUT SAND LINE. DAILY \$2,450; CUM \$276,800;
\$1,146,800.

13 hr SI. Tbg 370 psi. Flowed well to pit. Unloaded approximately 2 bbls of water, died in 30 mins. Ran swab. Swab stuck @ 7,000 ft. Worked swab all day, would not free up. Pulled 15,000# on sand line. SDON.

RECEIVED
JUN 29 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

D

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

6/27/81 CUT SANDLINE. DAILY \$3,095; CUM \$279,895; \$1,149,895.

Worked stuck sandline. Wait 3 hrs on Dotco. Dropped sandline cutter, worked line 30 mins to work cutter to bottom. Dropped cutting bar, cut sandline @ 700' from surface. Released pkr - Pkr dragging have 10' movement. SDON.

6/28/81 WORKING STUCK PACKER. DAILY DAILY \$2,715; CUM \$282,610;
\$1,152,610

Worked pkr down hole 60'. Pkr stuck again @ 8443'. Loaded back side w/4% KCl to wash sand. Wait on pump & tank. SDON

6/29/81 SHUT DOWN FOR SUNDAY.

6/30/81 FISHING. DAILY \$2,945; CUM \$285,555; \$1,155,555.

Loaded hole w/4% KCl water. Could not break circ. Press up 1500 psi. Pulled 64-69,000#. Pkr came loose, pulled 7 jts tbg pulling 64-69,000#. Parted tbg. Pkr @ 8204 KB. Top of fish @ 102' KB. SDON.

7/1/81 FISHING. DAILY \$3,500; CUM \$289,055; \$1,159,055.

TIH w/2 3/8" overshot, got on fish, could not work tbg loose. Tried to release overshot pipe, would not torque up. Tried manual back-off, pulled 62,000# & tbg parted, have 7,500#. POOH w/56 jts tbg. SDON.

7/2/81 WAITING ON FISHING TOOLS.
DAILY \$3,400; CUM \$292,455; \$1,162,455.

Finished TOH, total jts out 80. Top of tbg fish @ 2,520' KB. Made 2 trips in hole w/3 3/4" magnet to fish. Go-devil, could not get fish, made two trips with grapple hook on 2 3/8" tbg. Tag fish @ 934' KB (sandline), pulled fish to 500' & lost fish. POOH w/grapple hook. TIH w/center spear. Tag fish @ 1,134' KB. Got on fish & pulled to 700', lost fish. Went back in hole, got on fish, pulled to 550' KB & lost fish. POOH w/tools. Found 1"x 1" fishing barb, broke off spear. SDON.

RECEIVED

JUL 07 1981

DIVISION OF
OIL, GAS & MINING

RECEIVED
JUL 1 1981

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

DIVISION OF
OIL, GAS & MINING

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

7/3/81 WAIT ON TOOLS. DAILY \$3,400; CUM \$295,855; \$1,165,855.

7/4-6/81 SD for Weekend.

7/7/81 FISHING. DAILY \$12,540; CUM \$308,399; \$1,178,395.

TIH. Attempt to grab fish. TOH w/string wt. 25,000# pulled free from fish. Finish TOH. Rec 3/4" X 4" piece of metal. PU spear w/3 7/8" gauge ring + jars + bumper sub + 4, 2 7/8" DC's. TIH. Attempt to catch sand line. Tag @ 1140'. PU w/10,000 lbs over. Start TOH. Lost 5500 lbs. Rec strip of metal 3/4" X 23'. Appears to be csg. RU pump, pump 50 bbls KCl water down 4 1/2" csg w/8 5/8" annulus open. Had immediate vacuum then blow on annulus. SDON.

7/8/81 RUN IMPRESSION BLOCK. DAILY \$2,800; CUM \$311,199; \$1,181,195.

PU 3 7/8" impression block + jars + bumper sub + DC's. TIH. Tag @ 1,140' KB. TOH w/impression block. Appear to have parted csg @ 1,140' with casing de-cemented by approx. 1/2". Also appears to be a 2 1/2" split in csg. ND. BOP. ND tbg head. Prep to pull csg. SDON.

7/9/81 PULL 4 1/2" CASING. DAILY \$3,025; CUM \$314,224; \$1,448,157.

RU csg tongs. Pull 4 1/2" csg. Rec 33 jts + landing jt. All jts damaged. Threads galled & pulled. Left 4 1/2" pin looking up. Tally on 4 1/2" 1,071.56'. RD csg tools. SDON.

7/10/81 FISHING FOR 4 1/2" CASING. DAILY \$3,382; CUM \$317,608; \$1,451,541.

Unload DP + DC's. PU OS + jars + BS. TIH with two 3 1/2 DC's + 2 7/8" DP. Tag @ 1,083' KB. Latch onto 4 1/2" csg. Pulled 15,000 lbs. over string wt. (25,000 lbs.), lost fish. Reset grapples. Pulled to 20,000 lbs., lost fish. Reset grapples, pulled 20,000 lbs., lost fish. SDON.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

RECEIVED
JUL 27 1981

Daily Drilling Report

DIVISION OF
OIL, GAS & MINING

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

7/18/81 FISH FOR SAND LINE.
DAILY \$3,200; CUM \$342,515; \$1,476,448.

Had left 20,000 lbs. pull on sand line. Still had 20,000#. Pulled 22,000#, rec. 9'.
TIH & caught fish. Pulled 19,000#, rec. 5'. TIH & caught fish @ 1,360'. Pulled
24,000#, rec. 11'. TIH & caught fish. Pulled 26,000#, rec. 8'. TIH & caught fish.
Pulled 17,000#, rec. 13'. TIH & caught fish. Pulled 20,000#. SDON.

7/19/81 FISH FOR SAND LINE.
DAILY \$3,100; CUM \$345,615; \$1,479,548.

Pulled 26,000#. TOH. Rec. 11'. TIH. Caught fish.
Pulled 25,000#. TOH. Rec. 5'. TIH. Caught fish.
Pulled 26,000#. TOH. Rec. 4'. TIH. Caught fish.
Pulled 25,000#. TOH. Rec. 1,300'. TOH. LD sand line. TIH to 2,309'. Ran out of
tbg. SDON.

7/20/81 SD for Sunday.

7/21/81 ATTEMPT TO PULL TUBING.
DAILY \$3,200; CUM \$348,815; \$1,482,748.

TIH with spear + jars + DC's. Tag @ 2,654' KB. TOH. TIH with impression block.
TOH. Block shows 2 3/8" collar. PU Grayco 2 3/8" pup. TIH. Screw into fish,
worked down torque. Pulled 25,000 lbs. (string wt. 39,000 lbs.), pulled loose.
Screwed back into tbg., RU pump. Pumped 125 bbls 4% KCl water down casing @ 1,900
psi. No circulation on tbg or on 4 1/2" x 7" annulus. Backed off tbg. TOH.
Recovered 13 additional jts, 426.20'. Bottom thread damaged. Top of fish @ 3,080'
KB. SDON.

7/22/81 FISH FOR WIRELINE. DAILY \$25,800; CUM \$374,615; \$1,508,548.

TIH with center spear + jars. Tag fish @ 2,763' KB. Pulled 30,000#, rec. 12' wire.
TIH. Pulled 34,000#, rec. 25' wire. TIH. Tag @ 2,770' KB. Pulled 15,000#, rec.
25' wire. TIH. Tag @ 2,775'. Pulled 31,000#, rec. 15' wire. TIH. Pulled to
29,000#. Left overnight with 29,000# pull.

7/23/81 FISHING FOR SAND LINE. DAILY \$3,215; CUM \$377,830; \$1,511,763.

Still had 29,000# pull on fish. TOH. Rec. 15' wire. TIH. Stacked out @ 2,828'.
Worked 30 mins, could not get onto fish. TOH. Run impression block. Tag @ 2,828'.
Pushed down hole 15'. TOH. TIH with spear. Tag sand line. Pulled 31,000#. TOH.
Rec 10'. TIH. Tag @ 2,845'. Pulled 29,000#. TOH. Rec. 25'. TIH. Rec 20'.
SDON.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

7/24/81 FISHING FOR SANDLINE. DAILY \$3,415; CUM \$381,245; \$1,515,178.

TIH with spear, tag fish @ 2,891', got bite. Pulled 28,000#, pulled loose. POOH. Rec 25 ft line sandline. TIH with spear. POOH with 5 ft sand line. TIH with spear. POOH with 6 ft sand line. TIH with spear. Pulled 30,000#. SDON.

7/25/81 FISH FOR SAND LINE. DAILY \$2,900; CUM \$384,145; \$1,518,078.

Had left 30,000 lbs pull on sand line. This a.m., no weight. TOH. Rec all of sand line. Pulled loose @ rope socket. TIH with 3 7/8" OD OS. Tag @ 1,812.94' KB. Had to work pipe free. TOH. LD OS. TIH with impression block. TOH. Block shows markings on side. No other markings. SDON.

7/26/81 SD. Wait on inspection log for casing.

7/27/81 SD for Sunday.

7/28/81 FISHING SWEDGE CASING. DAILY \$3,405; CUM \$387,550; \$1,521,483.

RU McCullough. Run csg inspection log. Shows tight spot in collar @ 1,812'. RD McCullough. Run 3 7/8" csg swedge. TIH. Swedge 1,810'-14'. TIH to 3,070'. No more tight spots. TOH. LD swedge. PU 3 7/8" OS. TIH. Could not get past 1,812'. TOH. LD OS. PU tapered mill 3 7/8". TIH. Tag tight spot @ 1,812'. Reamed out. TOH. SDON.

7/29/81 ATTEMPT TO CUT TUBING. DAILY \$2,865; CUM \$390,415; \$1,521,483.

TIH w/3 7/8" overshot. Could not get past tite spot @ 1812'. TOH. LD OS. PU 3 3/4" OS. TIH. Tag fish @ 3080'. Latch onto fish. RU McC. Ran chemical cutter. Could not get past 3092'. Attempt to cut tbg. Cutter would not work. TOH. Re-dress cutter. Run cutter to 3088', cut tbg. Left cutter in hole, 6' X 1 11/16. SD WO fishing tools.

7/30/81 FISH FOR CHEMICAL CUTTER. DAILY \$3,415; CUM \$393,830; \$1,524,898.

RU wireline spear + jars. TIH. Tag fish @ 3,084'. Made four attempts, could not catch fish. Pushed cutter to 3,102'. LD wireline tools. PU 3 3/4" OD OS. TIH with tbg. Tag fish @ 3,080'. Latch onto fish. Pulled 26,000#, came loose. TOH. Rec. 10 jts, 325.55', of cork-screwed tbg + chemical cutter. Top of fish @ 3,405' KB with collar looking up. TIH. Screw into fish. Torque up pipe. RU McCullough. Attempt to back off. Shot did not fire. Re-dress shot. Attempt to back off @ 5,268'. Pipe came loose. Start TOH with 5,000 lbs extra weight. SDON.

RECEIVED
AUG 3 1981

DIVISION OF
OIL, GAS & MINING

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

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
718 17th St. #630, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NE SW Sec. 9-T15S-R24E
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
6-9-15-24

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9-T15S-R24E

12. COUNTY OR PARISH | 13. STATE
Utah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7675' Ungr

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Plug Back Well			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

During completion operations, a packer was stuck in hole at 8402'. After losing wireline tools, swab line and repairing casing parts resulting in 40 rig days, it was decided to plug back from the Dakota to Mancos interval. Top of tubing fish at 6912'. Proposed plug back operations are as follows:

1. Set cement retainer at 6892'.
 2. Pump 100 sxs into retainer and Dakota perfs.
 3. Perforate the Mancos, 5341-5505' w/20 holes.
 4. Breakdown perfs w/4% KCl water.
 5. Frac well with +90,000 gal cross link gel fluid and +300,000# of sand. Estimated starting date of 8/3/81.
- Received verbal approval on 7/31/81. (Asahad Rafal)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Dean Rogers TITLE Senior Operations Engineer DATE 8/4/81

(This space for Federal or State office use)

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

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

DATE: 8-24-81
BY: M. J. Munder

*See Instructions on Reverse Side



COSEKA RESOURCES (U.S.A.) LIMITED

718 17th STREET, SUITE #630, DENVER, COLORADO 80202 (303) 573-6178

August 4, 1981

RECEIVED

AUG 07 1981

**DIVISION OF
OIL, GAS & MINING**

State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Re: Black Horse Canyon
Federal 6-9-15-24
Sec. 9-T15S-R24E
Uintah Co., Utah

Gentlemen:

Please find enclosed, in triplicate, Sundry Notice dated 8/4/81 for the above referenced well. This Notice is to outline plug back procedures.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda J. Groghan
Brenda J. Groghan
Production Secretary

/bg

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
718 17th St. #630, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NE SW Sec. 9-T15S-R24E
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Plug Back Well</u>	

5. LEASE
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

FARM OR LEASE NAME
Federal

9. WELL NO.
6-9-15-24

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9-T15S-R24E

12. COUNTY OR PARISH | 13. STATE
Utah | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7675' Ungr

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

During completion operations, a packer was stuck in hole at 8402'. After losing wireline tools, swab line and repairing casing parts resulting in 40 rig days, it was decided to plug back from the Dakota to Mancos interval. Top of tubing fish at 6912'. Proposed plug back operations are as follows:

1. Set cement retainer at 6892'.
 2. Pump 100 sxs into retainer and Dakota perms.
 3. Perforate the Mancos, 5341-5505' w/20 holes.
 4. Breakdown perms w/4% KCl water.
 5. Frac well with +90,000 gal cross link gel fluid and +300,000# of sand.
- Estimated starting date of 8/3/81.
Received verbal approval on 7/31/81. (Asahad Rafal)

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Dean Rogers TITLE Senior Operations Engineer DATE 8/4/81

(This space for Federal or State office use)

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

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8-24-81
BY: M. J. Menden

*See Instructions on Reverse Side

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 SW Sec 9-15S-24E Uintah Co., Utah

7/31/81 RECOVER JUNK TUBING. DAILY \$15,784; CUM \$409,614; \$1,540,682.

Finish TOH with 53 jts bad tbg, 1,873.42'. TIH. Tag fish @ 5,228'. Screw into fish. Ran sinker bars + jars on wireline. Spud to 6,903'. Could not go any further. Pull sinker bars. Ran string shot. Back off tbg @ 6,912.06'. TOH. LD 51 jttts, 1,633.09'. SDON.

8/1/81 FISH FOR TUBING. DAILY \$5,164; CUM \$414,778; \$1,545,846.

TIH with 2 3/8" tbg. Catch fish @ 6,912'. Screw into. Attempt to back off tbg manually with 4 attempts, continued to back off high. RU McCullough. Ran string shot to 6,912'. Back off tbg. Start TOH. SDON.

8/2/81 DAILY \$3,400; CUM \$418,178; \$1,549,246.

Finish TOH with 110 stds + 1 single. SDON.

8/3/81 SD for Sunday.

8/4/81 ATTEMPT TO ABANDON DAKOTA. DAILY \$5,590; CUM \$423,768; \$1,554,836.

RU McCullough. Run Pengo retainer. Set @ 6,892' KB. RD McCullough. TIH with stinger + tbg. Tag @ 6,892'. Sting into retainer. Sting out. RU Dowell. Load hole with 4% KCl water. Pressure test to 3,000 psi. Attempt to sting into retainer. Worked 2 hours, could not get into retainer. TOH. Stinger damaged. Rec pieces of metal in stinger. SDON.

8/5/81 ABANDON DAKOTA. DAILY \$10,865; CUM \$434,633; \$1,565,701.

TIH with 3 7/8" mill + tbg. Tag @ 6,892'. RU pump tank and swivel. Drill retainer. Establish injection rate into Dakota @ 2 BPM @ 1,500 psi. TOH. RU McCullough. Set cement retainer. RU Dowell. Squeeze Dakota with 150 sxs Class "G", 15.8 ppg, 1.15 cu ft/sk. Flush to top of retainer @ 2 1/2 BPM @ 2,300 psi. Sting out. Pull 2 stds. Reverse clean. SDON.

8/6/81 PERF & BREAKDOWN MANCOS. DAILY \$24,190; CUM \$458,823; \$1,589,891.

Set hole dry with N₂. TOH. RU McCullough. Perf Mancos as follows:
5,341'; 46'; 48'; 50'; 52'; 54'; 63'; 65'; 73'; 79'; 81'; 5,420'; 22'; 24'; 31'; 33';
42'; 47'; 98'; 5,500'; 05'. Had small amount of gas. TIH with RBP + pkr. Set RBP @ 5,530', pkr @ 5,390'. BD perfs 5,470'-5,505' with 10,000 SCF N₂ pad followed by 4% KCl water + cla sta + surf + bacteriacide + 1,500 SCF/bbl N₂. BD pressures 3,500 psi @ 5 BPM total rate. Could not drop balls due to ball injector failure. Pumped 28 BW. ISDP 2,500 psi. Flow back well. Move RBP to 590', pkr to 5,300'. BD perfs 5,341'-81' @ 2 1/2 BPM + 1,500 SCF/bbl, total 5 BPM. BD pressures 3,700 psi, broke to 3,200 psi. No balls. ISDP 1,500 psi. Load 30 BW. RD Dowell. Flow well back. SDON.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

RECEIVED
AUG 17 1981

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah DIVISION OF
OIL, GAS & MINING

8/7/81 FRAC TREAT MANCOS. DAILY \$119,584; CUM \$578,407; \$1,709,475.

WO Dowell 5 hours. RU Dowell. Fracture treat the Mancos perms as follows:

1,000	gals	7 1/2% HCl			
24,000	gals	Pad	51	BPM	3,450 psi
10,000	gals	1 ppg 20/40	52.7	"	3,300 "
13,000	"	2	54.4	"	3,350 "
13,000	"	4	57.7	"	3,706 "
13,000	"	6	61.1	"	3,500-3,200 "
9,240	"	8	67	"	3,850 "
Flush					

At 4 minutes into the 8# stage, went to flush due to well head leak in Dowells fittings. ISDP - 1,850; 15 minutes - 1,775. Total fluid 89,800 gals YF4PSD + 240,000 lbs. 20/40 sd + 500 SCF/bbl N₂. SI 2 hours. Started flow back. Left well flowing.

8/8/81 Flow well. Fluid still viscous. Recovered very little fluid. By P.M. started getting intermittent 6' flare.

8/9/81 RUN TUBING. FLOW & SWAB.

RU stripping head. LD 24 stds. 2 3/8" tbg. TIH with 86 jts 2 3/8" tbg. No sand. Land tbg @ 5,407.25' as follows:

Notched Collar	5,407.25
1.81 "F" Nipple	5,406.25
172 jts. 2 3/8" ERW 4.7# tbg.	

ND BOP. NU 3,000 psi tree. Run swab. FL @ 1,200'. Swab to 1,800' in 5 runs. Recovered 15 BW. Still very viscous fluid. No sand. Left well open. SDON.

8/10/81 SD for Sunday.

8/11/81 SWAB & FLOW. DAILY \$2,550; CUM \$585,957; \$1,717,025.

CP 1,200 psi, TP dead. Ran swab, FL @ 800'. Made 1 run from 1,500'. Well KO, flowing. Flowed with large amount water + intermittent 6'-8' flare. Flowed 6 hours. CP 350 psi. Well slowly logged off. Made 8 swab runs. FL staying @ 1,200'. Recovered 12 BF. Well flows 30-45 minutes after swab then dies down. Left well open & flowing.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

8/14/81 P.M. CP 500. Well has been unloading. Flowing with 6'-8' flare.

8/15/81 SI TP 400 - CP 850. Open well to pit. Unloaded 2 BF then blew with heavy mist + water. Left well open.

8/16-17/81 Well flowing to pit.

8/18/81 Well flowing with 6'-8' flare. CP 850 psi. Left well open.

8/19/81 Well flowing weakly.

8/20/81 Well flowing.

RECEIVED

AUG 24 1981

DIVISION OF
OIL, GAS & MINING

8/12/81 FLOW WELL. DAILY \$2,767; CUM \$588,724; \$1,719,792.

CP 1,250 psi - TP dead. FL @ 1,200'. Made 1 swab run from 2,000', well started flowing. Flowed thru-out day. CP 500-600 psi with 4'-15' flare unloading fluid. Left well open.

8/13/81 WELL FLOWING.

A.M. CP 1,000 psi. Well unloading to pit with intermittent 10'-15' blow. P.M. CP 1,100 psi. Well flowing with 4' flare. Left open.

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

8/21/81 SI.

8/22/81 TP 780 CP 1050. Blew well down to CP 500. Flowing w/heavy mist. SI.

8/23/81 CP 1150 TP 780. Blew well 1 1/2 hrs. Blew w/heavy mist. CP 400 psi.
SI.

8/24/81 SD FOR SUNDAY.

8/25/81 SI.

8/26/81 DAILY \$10,550; CUM \$599,274; \$1,730,342.

Run after frac gamma ray log. Run downhole equipment for plunger left.

8/27/81 Plunger running 4 minutes every 2 hours.

RECEIVED

AUG 31 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

8/28/81 WO Test.

8/29-31/81 Well unloading with plunger.

9/1/81 Well unloading with plunger. Recovered 900-1,000' approximately 3 1/2
bbls of condensate + water.

9/2/81 Wait on test.

9/3/81 Wait on test.

9/4/81 Well unload with plunger. Wait on test.

9/5-8/81 Wait on test.

9/9/81 SI. Wait on test.

9/10/81 SI. Wait on test.

RECEIVED
SEP 2 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

<u>9/11/81</u>	SI. Wait on test.
<u>9/12-14/81</u>	SI. Wait on test.
<u>9/15/81</u>	Testing.
<u>9/16/81</u>	Testing.
<u>9/17/81</u>	Attempt to test, well would not flow. Left SI w/plunger running.
<u>9/18/81</u>	SI.
<u>9/19-21/81</u>	SI.
<u>9/22/81</u>	SI.
<u>9/23/81</u>	SI.
<u>9/24/81</u>	SI.
<u>9/25/81</u>	SI.
<u>9/26-28/81</u>	SI.
<u>9/29/81</u>	SI.
<u>9/30/81</u>	SI.
<u>10/1/81</u>	SI.

RECEIVED

SEP 28 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED*
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

10/2/81 SI.
10/3-5/81 SI.
10/6/81 SI.
10/7/81 SI.
10/8/81 SI.
10/9/81 SI.
10/10-12/81 SI.
10/13/81 SI.
10/14/81 SI.
10/15/81 SI.
10/16/81 SI.
10/17-19/81 SI.
10/20/81 SI.
10/21/81 SI.
10/22/81 SI.
10/23/81 SI.
10/24-26/81 SI.
10/27/81 SI.
10/28/81 SI.
10/29/81 SI.

NOV 02 1981

DEPT. OF
ROAD & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

10/30/81 SI.
10/31-11/2 SI.
11/3/81 SI.
11/4/81 SI.
11/5/81 SI.
11/6/81 SI.
11/7-9/81 SI.
11/10/81 SI.
11/11/81 SI.
11/12/81 SI.
11/13/81 SI.
11/14-16/81 SI.
11/17/81 SI.
11/18/81 SI.
11/19/81 SI.
11/20/81 SI.
11/21-23/81 SI.
11/24/81 SI.
11/25/81 SI.

RECEIVED

NOV 30 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

11/26-30/81 SI.

12/1/81 SI.

12/2/81 SI.

12/3/81 SI.

12/4/81 SI.

12/5-7/81 SI.

12/8/81 SI.

12/9/81 SI.

12/10/81 SI.

12/11/81 SI.

12/12-14/81 SI.

12/15/81 SI.

12/16/81 SI.

12/17/81 SI.

12/18/81 SI.

12/19-21/81 SI.

12/22/81 SI.

12/23/81 SI.

12/24/81 SI.

RECEIVED

DEC 31 1981

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

12/25-28/81 SI.
12/29/81 SI.
12/30/81 SI.
12/31/81 SI.
1/1-4/82 SI.
1/5/82 SI. CUM \$799,274; \$1,730,342.
1/6/82 SI. CUM \$799,274; \$1,730,342.
1/7/82 SI. CUM \$799,274; \$1,730,342.
1/8/82 SI. CUM \$799,274; \$1,730,342.
1/9-11/82 SI. CUM \$799,274; \$1,730,342.
1/12/82 SI. CUM \$799,274; \$1,730,342.
1/13/82 SI. CUM \$799,274; \$1,730,342.
1/14/82 SI. CUM \$799,274; \$1,730,342.

RECEIVED
JAN 18 1982

DIVISION OF
OIL, GAS & MINING

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

12/25-28/81 SI.
12/29/81 SI.
12/30/81 SI.
12/31/81 SI.
1/1-4/82 SI.
1/5/82 SI. CUM \$599,274; \$1,730,342.
1/6/82 SI. CUM \$599,274; \$1,730,342.
1/7/82 SI. CUM \$599,274; \$1,730,342.
1/8/82 SI. CUM \$599,274; \$1,730,342.
1/9-11/82 SI. CUM \$599,274; \$1,730,342.
1/12/82 SI. CUM \$599,274; \$1,730,342.
1/13/82 SI. CUM \$599,274; \$1,730,342.
1/14/82 SI. CUM \$599,274; \$1,730,342.
1/15/82 SI. CUM \$599,274; \$1,730,342.
1/16/82 SI. CUM \$599,274; \$1,730,342.
1/17/82 SI. CUM \$599,274; \$1,730,342.
1/18/82 SI. CUM \$599,274; \$1,730,342.
1/19/82 CUM \$599,274; \$1,730,342.
SI CP 900. Blew well 25 minutes. No fluid. CP 350. SI.
1/20/82 SI. CUM \$599,274; \$1,730,342.
1/21/82 CUM \$599,274; \$1,730,342.
SI TP ? - CP 720. Open well to pit. Blew 30 minutes, no fluid. SI CP 350.

RECEIVED
JAN 26 1982

DIVISION OF
OIL, GAS & MINING



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

January 22, 1982

Coseka Resources (USA) LTD.
718 17th Street, Suite 630
Denver, Colorado 80202

Re: Well No. Black Horse Canyon Federal 6-9-15-24
Sec. 9, T. 15S, R. 24E
Uintah County, Utah

Gentlemen:

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

Please complete the enclosed Form OGC-3, in duplicate, and also all drilling information on this well is needed to be forwarded 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

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

COSEKA RESOURCES (USA) LIMITED
Grand Junction, Colorado

Daily Drilling Report

BLACK HORSE CANYON #6-9-15-24 NE SW Sec 9-15S-24E Uintah Co., Utah

1/22-25/82 SI. CUM \$599,274; \$1,730,342.

1/26/82 SI. CUM \$599,274; \$1,730,342.

1/27/82 SI. CUM \$599,274; \$1,730,342.

1/28/82 CUM \$599,274; \$1,730,342.

SI CP 700. Flowed well 24 hours. Install orifice tester. GTSTM. SI well. SUSPEND FROM REPORT.

RECEIVED
FEB 02 1982

**DIVISION OF
OIL, GAS & MINING**



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

March 10, 1982

Coseka Resources USA Ltd.
718 17th Street, Suite 630
Denver, Colorado 80202

Re: Well No. Black Horse Canyon #6-9-15-24
Sec. 9, T. 15S, R. 24E.
Uintah County, Utah
FINAL NOTICE

Well No. Bitter Creek #1
Sec. 12, T. 14S, R. 24E.
Uintah County, Utah
FINAL NOTICE

Gentlemen:

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

** If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas and Mining for legal action.

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

Cari Furse
Clerk Typist

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

5. LEASE DESIGNATION AND SERIAL NO.
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
6-9-15-24

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 9, T15S-R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
200 Writer Sq., 1512 Larimer St., Denver, Colo. 80202-1602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1395' FSL 1709' FWL Sec. 9, T15S-R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7675' Ungr.

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 checked="" 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) Notification	
(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.)*

- 8-4-81 Set retainer at 6892' KB squeeze Dakota perforations with 150 sxs.
- 8-6-81 Perf Mancos from 5341-81', 5420-47', & 5488-5505'. Breakdown with N₂ pad and 4% KCL wtr.
- 8-7-81 Fracture treat with a cross-link fluid treatment 89,800 gals. 240,000 lbs. 20/40 500 SCF/bbl N₂.
- 8-9-81 Run tubing to 5407.25'.
- The well was swabbed for several days after which time a plunger lift was installed. A stabilized test has not been obtained due to the well loading up.
- The well is currently SI waiting for further tesing.

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

SIGNED Joyce Holtzelaw TITLE Engineer DATE 3/16/82
Joyce Holtzelaw

(This space for Federal or State office use)

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

*See Instructions on Reverse Side



COSEKA RESOURCES (U.S.A.) LIMITED

200 WRITER SQUARE, 1512 LARIMER SQUARE, DENVER, COLORADO 80202-1602 (303) 573-6178

March 16, 1982

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

ATTN: Ms. Cari Furse
Clerk Typist

RE: Correspondence March 10, 1982

Dear Cari,

I'm very sorry for the delay in sending the Sundries. The others requested will be sent shortly.

Thank you, for bringing this oversight to my attention.

Sincerely yours,
COSEKA RESOURCES (U.S.A.) LIMITED

Joyce Holtzclaw
Joyce Holtzclaw
Engineer

JH/ss

RECEIVED
MAR 22 1982

**DIVISION OF
OIL, GAS & MINING**



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

April 22, 1983

Coseka Resources USA, LTD.
1512 Larimer Street, Suite # 200
Denver, Colorado 80202

Re: Well No. Black Horse Cny Fed.
6-9-15-24
Sec. 9, T. 15S, R. 24E.
Uintah County, Utah

Gentlemen:

The above referred to well has been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if it is still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Well Records Specialist

CF/cf
Enclosure

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

5. LEASE DESIGNATION AND SERIAL NO.

U-2835

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.)

7. UNIT AGREEMENT NAME

Black Horse Canyon

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#6-9-15-24

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 9, T15S-R24E

12. COUNTY OR PARISH 18. STATE

Utah

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
1512 Larimer St., Suite 200 Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1395' FSL & 1709' FWL Sec. 9, T15S-R24E

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
7675' ungr.

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)

FULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) notification

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

This well has been temporarily abandoned until further plans for a pipeline into the area are finalized.

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

SIGNED Joyce H. Hetherington

TITLE Engineer

DATE 5-4-82

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:



COSEKA RESOURCES (U.S.A.) LIMITED

200 WRITER SQUARE, 1512 LARIMER SQUARE, DENVER, COLORADO 80202-1602 (303) 573-6178

May 5, 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Re: Black Horse Canyon #6-9-15-24
Sec. 9, T15S-R24E
Uintah County, Utah

Gentlemen:

Enclosed please find, in triplicate, our Sundry Notice dated
May 5, 1982 for the above referenced well. Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures

RECEIVED
MAY 07 1982

DIVISION OF
OIL, GAS & MINING

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

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.)

5. LEASE DESIGNATION AND SERIAL NO.
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#6-9-15-24

10. FIELD AND POOL, OR WILDCAT
Wildcat

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

NE SW Sec. 9, T15S-R24E

12. COUNTY OR PARISH 13. STATE
Uintah Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Coseka Resources (U.S.A.) Limited

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1,395' FSL, 1,709' FWL, Sec. 9, T15S, R24E, S.L.B. & M.

14. PERMIT NO. 15. ELEVATIONS (Show whether of, to, or, etc.)
7,675' Ungr.

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 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) <u>Well Status</u> <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.)*

5/16/83 Well is currently SI, waiting for further testing.

RECEIVED
MAY 20 1983

DIVISION OF
OIL, GAS & MINING

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

SIGNED [Signature] TITLE Area Production Engineer DATE 5-16-83

(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

5. LEASE U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Blackhorse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
6-9-15-24

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NE SW Section 9, T15S, R24E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7675' Gr'd

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
COSEKA RESOURCES (U.S.A.) LIMITED

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1395' FSL, 1709' FWL, Sec. 9
AT TOP PROD. INTERVAL: T15S, R24E, SLB&M
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 Data:
See Attached

Proposed Procedure:

1. Set cement retainer at 5240'. Squeeze cement Mancos perms with 100 sx cement.
2. Set cement plug 1300'-1200'
3. Set cement plug 15' to surface.
4. Erect dry hole marker. Re-hab location.

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

DATE: 11/3/83

BY: [Signature]

Set @ _____ Ft.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Terry J. Cox TITLE Area Engineer DATE 6/29/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BLACKHORSE CANYON # 6-9-15-24
NE 24 SEC. 9 - 15 S - 24 E
LINN COUNTY, UTAH

9 5/8" 30 #
N-80
- 232'

EST. CRT TOP
1250'

345'
CEMENT TOP

7" 23# K-SS
- 5,017'

MANCOS PERM
5391 - 5505

- 6,350 D.V. TOOL

CEMENT RETAINER
6892'
SQUIPS 4 150 SX

DAKOTA PERM
8418 - 8514
9 HOLES

4 1/2" 116 #
N-80
- 8649'

- NOT DRAWN TO SCALE -



SQUEEZE CEMENTING

Date 7-19-83 Field Receipt No. 581556 Service Supervisor Lawrence P. O'Hara
 Company _____ Field Monument Ridge
 Well Name & No. Black Horse Canyon #6-9-15-24 County Uintah

WELL DATA:

Casing Size & Weight 4 1/2" 11.6# Tubing Size & Weight 2 3/8" 4.7#
 Perforations 5311' - 5505' Type Packer Janet Set @ 5211'
 Casing Capacity Below Packer 1.5 bbl Tubing Capacity 20.3 bbl
 Flush Weight 8.33 lbs. per gallon

AMOUNT OF CEMENT:

Slurry	Sacks Cement	Volume Cu. Ft./Sk.	Type of Cement & Additives
1.	<u>95</u>	<u>1.18</u>	<u>H' Mat</u>
2.	_____	_____	_____

CEMENT PROPERTIES:

SLURRY:

JOB PROCEDURE:

	No. 1	No. 2
Slurry Weight - lbs./gal.	<u>15.6</u>	<u>15.6</u>
Mix Water - gal./sk.	<u>5.2</u>	<u>5.2</u>
Barrels Mix Water	<u>11.7</u>	<u>2</u>
Barrels Slurry	<u>20</u>	<u>3</u>
Pumping Time	<u>4 hrs</u>	<u>4 hrs</u>
Total Slurry _____ bbls.		Total Mix Water _____ bbls.

Differential Pressure Per Barrel Cement in Tubing _____

Desired Squeeze Pressure _____ Maximum Casing Pressure _____

TIME	PRESSURE	FLUID	RATE	REMARKS
<u>3:06</u>	<u>0</u>	<u>Fresh</u>	<u>3</u>	<u>Load backside w/ 52 bbl</u>
<u>3:25</u>	<u>0</u>	<u>Fresh</u>	<u>3</u>	<u>Load tubing w/ 30 bbl</u>
<u>3:41</u>	<u>100</u>	<u>Cement</u>	<u>3</u>	<u>Mix + pump 20 bbl</u>
<u>3:50</u>	<u>1000</u>	<u>Fresh</u>	<u>2</u>	<u>Displace 19 bbl</u>
<u>3:58</u>	<u>1500</u>	<u>-</u>	<u>-</u>	<u>Shut down after squeezing + plugging points</u>
<u>4:11</u>	<u>100</u>	<u>Fresh</u>	<u>2</u>	<u>Fill hole after pulling 3910' of tubing</u>
<u>4:16</u>	<u>100</u>	<u>Cement</u>	<u>1</u>	<u>Mix 3 bbls cement</u>
<u>4:44</u>	<u>100</u>	<u>Fresh</u>	<u>1</u>	<u>Displace 1 bbl plug 1304'-1104'</u>
REMARKS	<u>0</u>			
<u>8:30</u>	<u>0</u>	<u>Cement</u>	<u>1</u>	<u>Set 5x surface plug -</u>

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

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 Form 9-331-C for such proposals.)

1. oil well gas well other DRY

2. NAME OF OPERATOR
Coseka Resources (USA) Limited

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,395' FSL, 1,709' FWL, Sec. 9,
AT TOP PROD. INTERVAL: T15S-R24E
AT TOTAL DEPTH: Same

5. LEASE
U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Black Horse Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#6-9-15-24

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
NE SW Section 9, T15S-R24E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7,675' Ungr

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Plugging Procedure

1. Set cement retainer @ 6,892' & squeeze cement Dakota perms w/150 sxs. (8-4-81)
2. Set cement retainer @ 5,233' & squeeze cement Mancos perms w/95 sxs Class "H".
3. Set cement plug, 1,304'-1,101', with 15 sxs.
4. Set cement plug, 15' to surface.
5. Erected dry hole marker.

Well permanently P & A on 7-19-83.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED Tony J. Clark TITLE Area Prod. Eng. DATE 7-21-83

(This space for Federal or State office use)

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

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING**
DATE: 7/21/83
BY: [Signature]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

11

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-2835

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Black Horse Canyon

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#6-9-15-24

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NE SW Sec. 9, T15S-R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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
Coseka Resources (USA) Limited

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1,395' FSL, 1,709' FWL, Section 9, T15S, R24E

At top prod. interval reported below

At total depth Same

NESW

14. PERMIT NO. 43-047-3048 DATE ISSUED 10-26-1983

15. DATE SPUNDED 9-13-80 16. DATE T.D. REACHED 10-10-80 17. DATE COMPL. (Ready to prod.) 4-22-81

20. TOTAL DEPTH, MD & TVD 9,007' 21. PLUG, BACK T.D., MD & TVD 8,649' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 675' Ungr.

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota; 8,344'-8,532'; Non-Productive

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC/CNL, DIL

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	232'	12 1/4"	80 sxs Class "G"	
7"	23#	5,017'	8 3/4"	400 sxs 50-50 & 50 sxs Class "H"	
4 1/2"	11.6#	8,649'	6 1/8"	1st stage - 165 sxs 2nd stage - 220 sxs	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	8,431.78' KB	

31. PERFORATION RECORD (Interval, size and number)
8,418'-8,514'; 0.32"; Total of 9 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8,418'-8,514'	110,000 gals foam 28,000# 100 Mesh sand 233,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION Non-Commercial		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) P & A on 8-4-81	
DATE OF TEST 4-21-81	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF. TSTM	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF. TSTM	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Tony J. [Signature] TITLE Area Production Engineer DATE 7-21-83

*(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 25.

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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS
				MEAS. DEPTH
				TOP
				TRUE VERT. DEPTH
				4,451'
				4,552'
				4,758'
				5,330'
				6,058'
				8,344'
				8,532'
				8,598'
				8,880'