

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG  ELECTRIC LOGS  FILE  WATER SANDS  LOCATION INSPECTED  SUB REPORT/abd.

DATE FILED **10-14-83**  
 LAND: FEE & PATENTED  STATE LEASE NO.  PUBLIC LEASE NO. **U-6614** INDIAN   
 DRILLING APPROVED: **10-20-83 - GAS**  
 SPUDDED IN:   
 COMPLETED:  PUT TO PRODUCING:   
 INITIAL PRODUCTION:   
 GRAVITY A.P.I.   
 GOR.   
 PRODUCING ZONES:   
 TOTAL DEPTH:   
 WELL ELEVATION:

DATE ABANDONED: **3-14-85 LA application rescinded**  
 FIELD: ~~UNDESIGNATED~~ **3/86 Pine Springs**  
 UNIT: **PINE SPRING**  
 COUNTY: **UINTAH**  
 WELL NO. **PINE SPRING FEDERAL 12-23-14-22** API #**43-047-31401**  
 LOCATION **2467' FNL** FT. FROM (N) (S) LINE. **216' FWL** FT. FROM (E) (W) LINE. **SWNW** 1/4 - 1/4 SEC. **23**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<b>14S</b>	<b>22E</b>	<b>23</b>	<b>COSEKA RESOURCES (U.S.A.)</b>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5

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  
P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface  
216' FWL, 2,467' FNL Section 23, T14S, R22E, S.L.B. & M.  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
42.1 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
216'

16. NO. OF ACRES IN LEASE  
615.54

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  
3,100'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7,080' Ungr.

22. APPROX. DATE WORK WILL START\*  
November 7, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	500'	To surface
6 1/4"	4 1/2"	10.5#	T.D.	To surface casing

Attachments:

- Exhibit "A" - Ten Point Compliance Program
- Exhibit "B" - B.O.P. Schematic
- Exhibit "C" - Proposed Production Layout
- Certified Survey Plat
- 13 Point Surface Use Plan and Maps



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 Stan Stewart TITLE Field Services Admin. DATE 10-10-83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY L. Ferguson TITLE DISTRICT MANAGER DATE 11/30/83  
CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

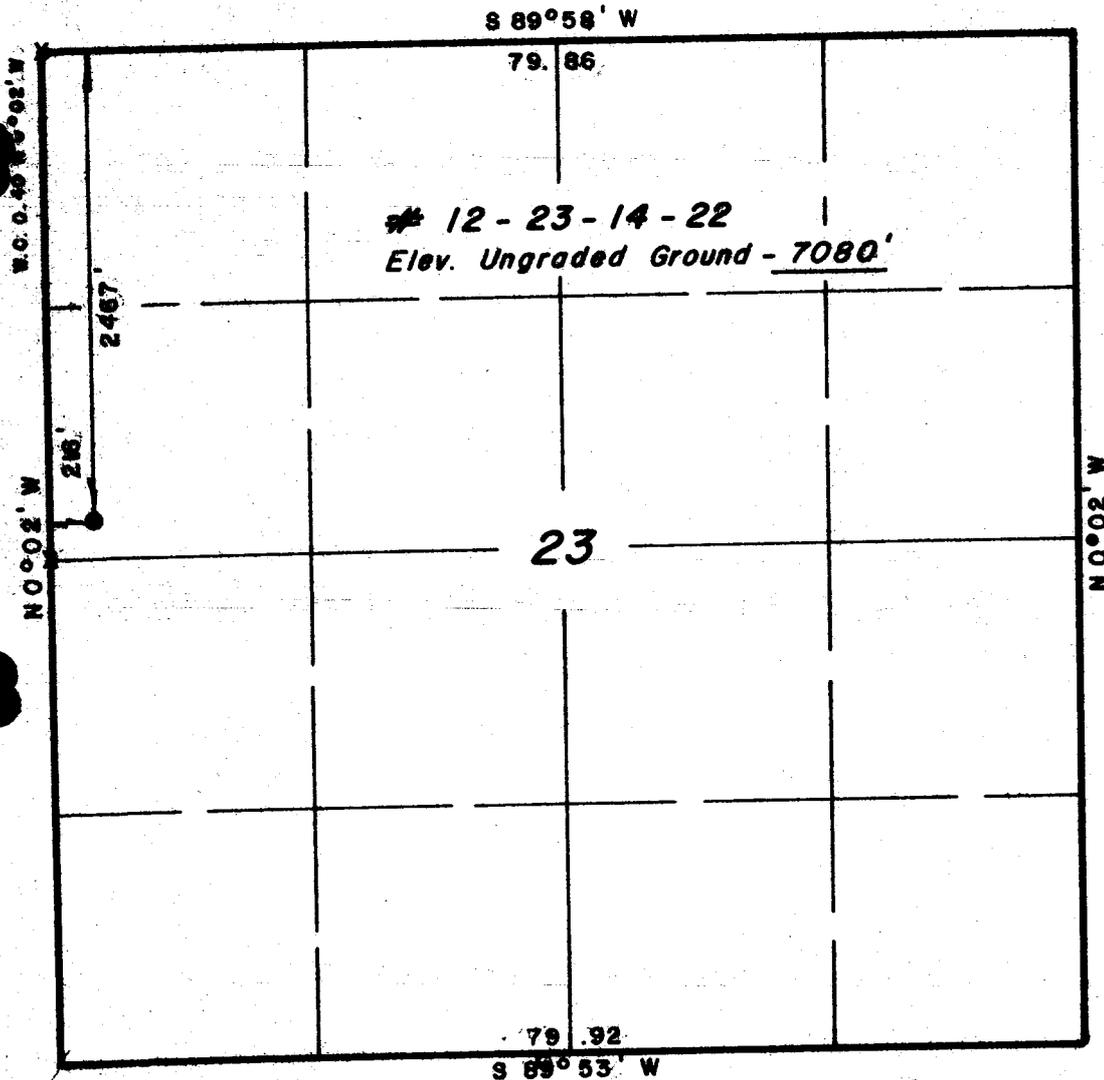
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

UT-080-3-M-125  
State Oil, Gas & Mining

T 14 S, R 22 E, S.L.B. & M.

PROJECT  
**COSEKA RESOURCES U.S.A. LTD.**

Well location, # 12-23-14-22,  
 located as shown in the SW1/4 NW1/4,  
 Section 23, T14S, R22E, 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.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 3154  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/2/83
PARTY	DA, GS, RT, JH	REFERENCES	GLO PLAT
WEATHER	HOT	FILE	COSEKA

X = Section Corners Located

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  
 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.\*)  
 At surface  
 216' FWL, 2,467' FNL Section 23, T14S, R22E, S.L.B. & M.  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 42.1 miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 216'

16. NO. OF ACRES IN LEASE  
 615.54

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  
 3,100'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)  
 7,080' Ungr.

22. APPROX. DATE WORK WILL START\*  
 November 7, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	500'	To surface
6 1/4"	4 1/2"	10.5#	T.D.	To surface casing

Attachments:

- Exhibit "A" - Ten Point Compliance Program
- Exhibit "B" - B.O.P. Schematic
- Exhibit "C" - Proposed Production Layout
- Certified Survey Plat
- 13 Point Surface Use Plan and Maps

RECEIVED  
 OCT 14 1983

DIVISION OF  
 OIL, GAS & MINING

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 Stacy Stewart TITLE Field Services Admin. DATE 10-10-83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

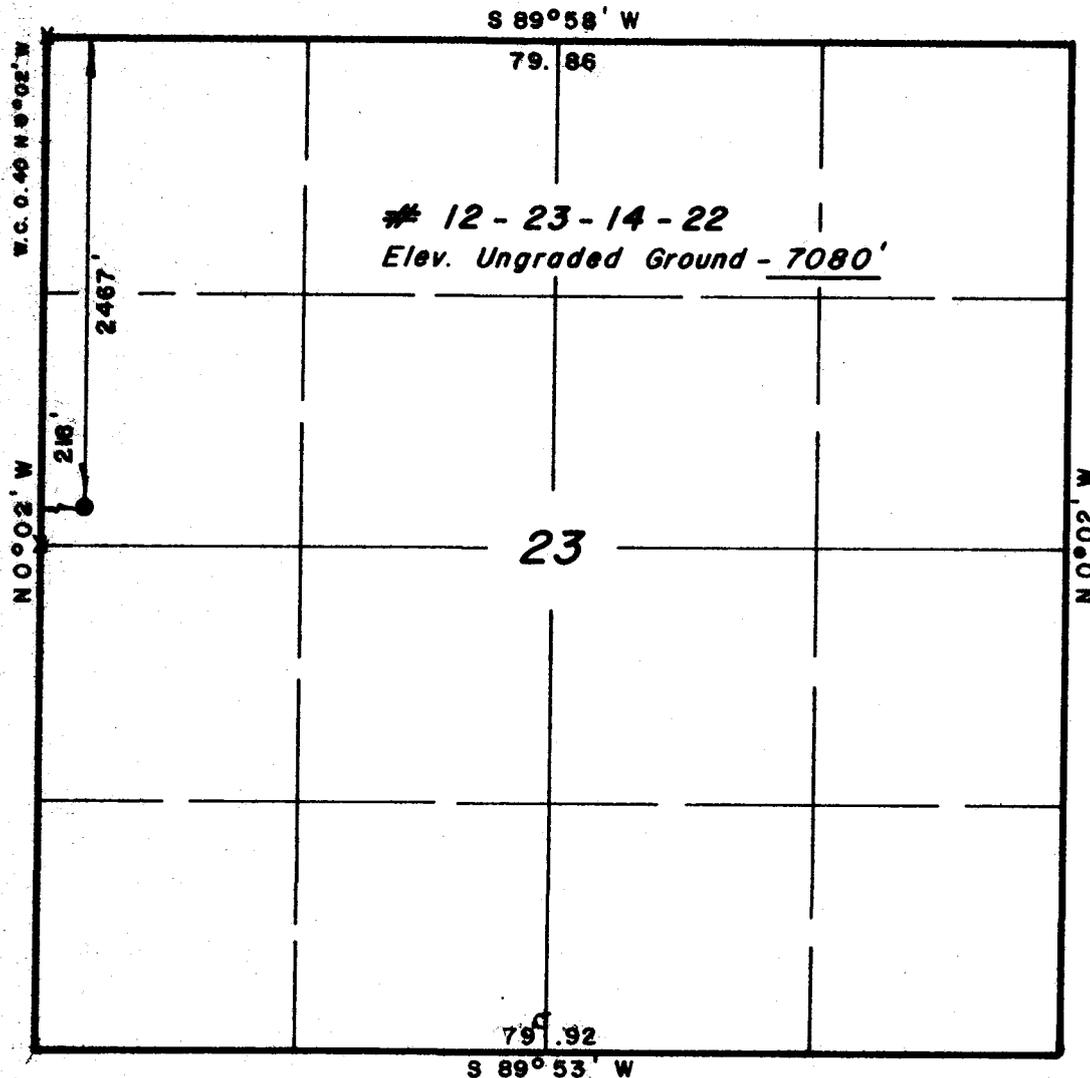
CONDITIONS OF APPROVAL, IF ANY:

10-20-83  
 27

T 14 S, R 22 E, S.L.B. & M.

PROJECT  
**COSEKA RESOURCES U.S.A. LTD.**

Well location, # 12-23-14-22,  
located as shown in the SW 1/4 NW 1/4,  
Section 23, T14S, R22E, S.L.B. & M.  
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

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

*Gene Stewart*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	9/2/83
PARTY	DA, GS, RT, JH	REFERENCES	GLO PLAT
WEATHER	HOT	FILE	COSEKA

Exhibit "A"

Ten Point Compliance Program

NTL-6

Attached to Form 9-331C

Well #12-23-14-22

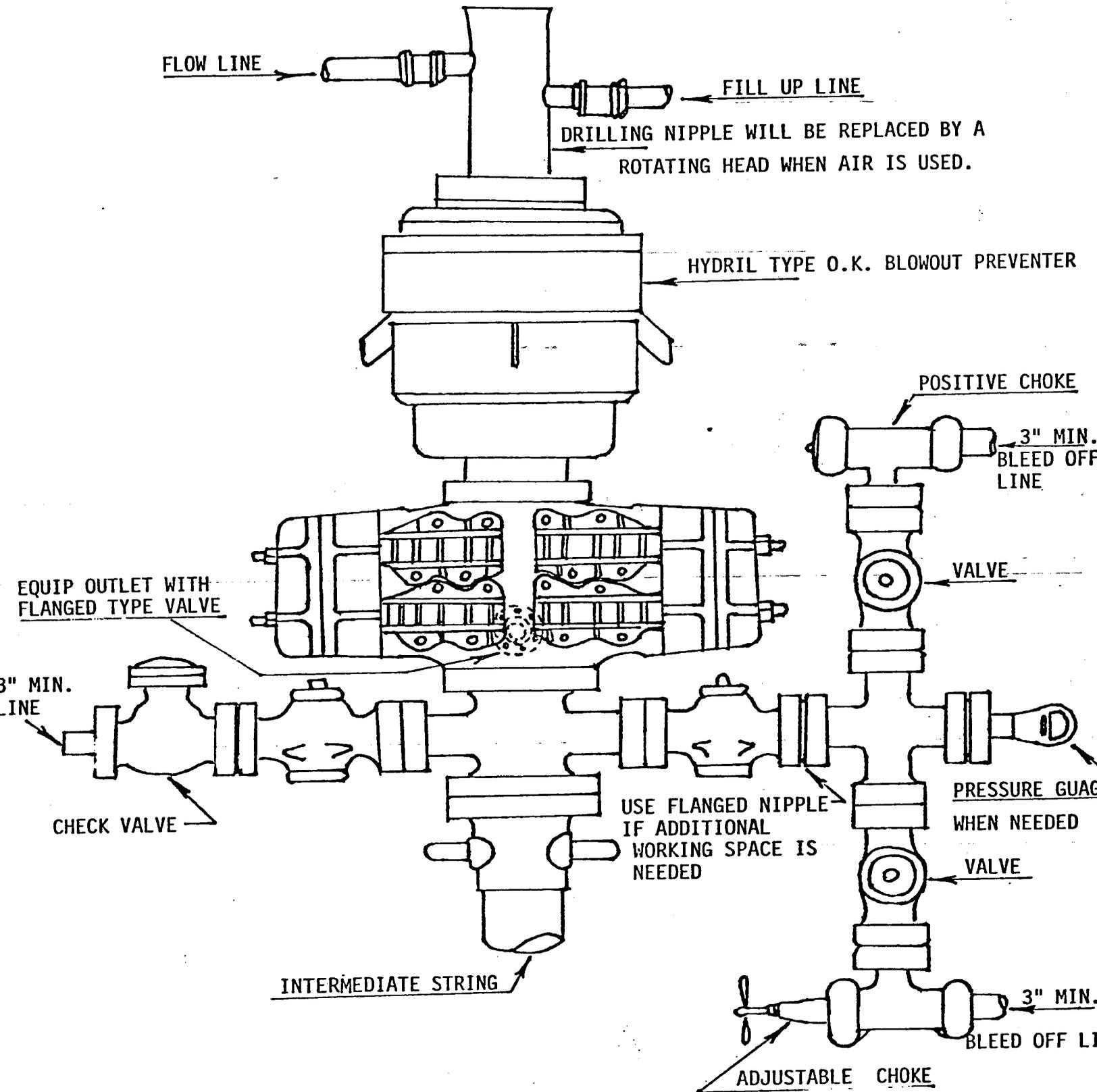
1. The geological name for the surface formation is the Green River Formation of Middle Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated RKB elevation of 7,080' are as follows:

Top Wasatch	1,435'
Top Wasatch Limestone	1,675'
Top Dark Canyon	2,440'
Top Upper Sand Bench	2,580'
Top Lower Sand Bench	2,790'
Top Mesa Verde	3,040'
Total Depth	3,100'

3. Of the formations listed above it is anticipated that the Dark Canyon sands may be gas bearing in the well.
4. The proposed casing program for completion of this well will consist of 4 1/2", 10.5#, K-55 new casing; 500' of 8 5/8", 24#, H-40 surface casing will be run and will be new.
5. The operator's minimum specifications for pressure control equipment are 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. (See Exhibit "B")
6. It is proposed that the hole will be drilled with air and mist as necessary in order to clean the hole.
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 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 H<sub>2</sub>S gas will be encountered in this area.
10. It is anticipated that this well will be commenced approximately November 7, 1983 and that the operations will last three weeks.

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI WP.



Coseka Resources (U.S.A.) Limited

13 Point Surface Use Plan

for

Well Location

#12-23-14-22

Located in

Section 23, T14S, R22E

Uintah County, Utah

1. Existing Roads

- A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" and "B". The proposed well is located in the SW 1/4 NW 1/4 Section 23, T14S, R22E, S.L.B.& M. See well plat.
- B. The proposed location is approximately 42.1 miles south of Ouray, Utah. To reach Coseka Resources Well #12-23-14-22, proceed south from Ouray on the Seep Ridge Road for 40.5 mile. Turn right and continue 0.8 mile. Turn right and continue 0.8 mile along the proposed access road to location. The Seep Ridge Road is a dirt and gravel surface all weather road. The BLM road will be upgraded to the standards outlined in Section 2, Planned Access Roads.
- C. The proposed route is outlined on Topographic Map "A"
- D. See Topographic Map "B".
- E. Not applicable.
- F. Access to the well site will be over existing county and BLM roads. No private roads will be used. County and BLM roads will be regularly maintained by grading, crowning and ditching at least once a year or when necessary. The proposed access road will be crowned and ditched so as to accommodate rig traffic. Maintenance will be in accordance with the standards set forth in the brochure Surface Operating for oil and gas exploration.

2. Planned Access Roads

The BLM will be notified at least 24 hours prior to any construction. Construction will be in accordance with the standards set forth in the brochure Surface Operating Standards for oil and gas exploration.

See attached Topographic Map "B".

The planned access road will be approximately 0.8 mile in length and will comply with the general specifications as outlined.

- (1) The proposed access road will be an 18' crown road usable (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal weather conditions that are prevalent to this area.
- (2) There is no noticeable grade on this proposed access road. See Topo Map "B" for details of maximum grades and drainage crossings.
- (3) No turnouts are planned for the length of the proposed access road, so that additional cut disturbance on the proposed access can be kept to a minimum.
- (4) No drainages are crossed.

- (5) This access route traverses no steep side slopes.
- (6) Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.
- (7) No fences are crossed, no cattleguards or gates will be required.
- (8) The road has been center-line flagged for the full distance of the proposed route.

### 3. Location of Existing Wells

See Map "C". For information purposes, the following wells are within a two mile radius of the proposed well.

- (1) Water wells - None
- (2) Abandoned wells - 2 in Section 14, T14S, R22E  
1 in Section 24, T14S, R22E  
1 in Section 25, T14S, R22E
- (3) Temporarily abandoned wells - None
- (4) Disposal wells - None
- (5) Drilling wells - None
- (6) Producing wells - 1 in Section 15, T14S, R22E  
1 in Section 16, T14S, R22E
- (7) Shut-in wells - 1 in Section 26, T14S, R22E  
1 in Section 10, T14S, R22E  
1 in Section 16, T14S, R22E
- (8) Injection wells - None
- (9) Monitoring wells - None

### 4. Location of Existing and Proposed Facilities

A. There are no existing production facilities located within one mile of the proposed well. See Topographic Map "B".

- (1) Tank batteries - None
- (2) Production facilities - None
- (3) Oil gathering lines - None
- (4) Gas gathering lines - None
- (5) There are no injection lines in the area.

(6) There are no disposal lines in the area.

There is a 6 inch buried gas line that belongs to Northwest Pipeline running along the Seep Ridge Road.

- B. Due to the exploratory nature of the Coseka Resources drilling program, we are unable to anticipate any production. However, the attached Exhibit "C" shows the proposed production facilities that will be utilized in the event commercial gas is encountered. All production facilities will be kept on the pad and will be painted an earth tone color to match mesa brown enduratone or an approved equal. The off-location gas gathering line will be proposed and plans submitted after the well is completed and tested.

Construction materials will be native borrow or cut exposed on the site, and will be consistent with accepted oil field standards and good engineering practices.

A net sheep wire fence with one strand of barbed wire will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed and have been allowed to dry, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement of BLM standards. A welded pipe fence will be constructed around the wellhead to prevent access to livestock or larger wildlife.

- C. Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil stockpiled on the site. This area will be reseeded as per current BLM guidelines.

5. Location and Type of Water Supply

- A. Water to be used to drill this well will be hauled by truck from a pond in the NE 1/4 NE 1/4 of Section 31, T15S, R23E. Coseka Resources has negotiated a water agreement with Bert DeLambert. P.R. Spring will not be used for a water source.
- B. Water will be hauled by trucks on the above described access route. See route on Topographic Map "A". No new roads or pipelines will be needed for this purpose.
- C. No water well will be drilled.

6. Source of Construction Materials

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time, but if they are required, appropriate action will be taken to acquire them from private sources after notification is given to the proper regulatory agencies. Trees and brush will be pushed off and stockpiled separate from the topsoil. This will be done prior to any mineral soil being bladed.

B. Items described in part "A" are from Federal lands.

C. See part "A".

D. No other access roads are required other than described in Item 2.

7. Methods for Handling Waste Disposal

See Location Layout for the size and location of the reserve pit and the location of the fine mesh wire trash cage. Excess "cut" material will be stockpiled as marked on the Location Layout Sheet.

- (1) Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit, that is lined with plastic, on the location pad. This pit will be approximately 8 feet deep and at least one half of this pit will be used as a fresh water storage during the drilling of the well. The disposal and storage areas shall be separated by a dike. Dust produced during the air drilling phase shall be suppressed by inserting a water hose with a spray nozzle into the 7" flow line. A water mist will be continuously injected into the dust stream during the dusting phase of the drilling.
- (2) See Item 1 above for disposal of drilling fluids.
- (3) See Item 1 above for disposal of produced water. Any oil produced after the well is connected to a pipeline will be collected in a tank on location and trucked for sale to the buyer to be determined at that time. No oil production is anticipated from this well.
- (4) A portable chemical toilet will be provided for human waste during the drilling phase.
- (5) Garbage and other waste material will be contained in a trash cage and hauled away by truck to a disposal site provided by Galley Construction in Grand Junction, Colorado. Burn pits will not be used.
- (6) Immediately after the drilling rig moves off the location, the remaining trash and garbage will be collected and hauled away by truck. The reserve pit will be fenced on the open side to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids. As soon as the testing is completed, the pit will be covered. The drilling pad will then be reclaimed as detailed in Item 10 discussed below.

8. Ancillary Facilities

No airstrips or camps are planned for this well.

## 9. Well Site Layout

See attached Location Layout Sheet which shows the following items:

- (1) Cross section of the pad showing details of the cuts and fills.
- (2) Location of the reserve and blooey pits, pipe racks, living facilities and excess "cut" stockpile. Topsoil will be stripped to a depth of 6-8 inches and stockpiled near corner #1.
- (3) Rig orientation, parking areas and access road.
- (4) All pits will be unlined unless it is determined by the representatives of the agencies involved that the pad materials are too porous and would not prevent contamination to the surrounding area; then the pits will be lined with a bentonite gel or other materials necessary to make them impermeable.

## 10. Plans for Restoration of Surface

The BLM will be notified at least 24 hours prior to any rehabilitation activities.

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be backfilled. The location will be restored to as near the original contour as feasible and then reseeded.

- (1) Upon completion of the testing phase of the well and prior to the pipeline hookup, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography, then ripped to a minimum depth of twelve inches throughout the unused disturbed area. After final plugging and abandonment of the well, the entire disturbed area will be contoured and ripped as described above over any previously disturbed area.
- (2) The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BLM District Manager. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean-up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned Items 7 and 10 (1).
- (3) All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until Item (1) is started.

- (4) Any oil or condensate in any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.
- (5) Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface equipment will be painted to blend with the environment according to the specifications outlined in Section 4(B).

#### 11. Other Information

The topography of the general area is mountainous and cut with numerous canyons. The Green River shale is a weather resistant cap which has produced the flat-top nature of the area. 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. Out crops of sandstone ledges, conglomerate deposits and shale are common in this area. The topsoils in the area range from sandy clay (SM-ML) to clayey (OL) soil.

Vegetation in the area consists of fir trees, aspen and mature spruce trees with grasses and low ground cover in the clearings. On the lower elevations, the vegetation consists of juniper and pinon pine forests as the primary flora with areas of sagebrush, rabbit brush, some grasses and cacti. Removal of the trees and brush in the area will be required on the proposed access route and in the pad area, but will be kept to a minimum and conform to BLM regulations.

Fauna of the area consists of a migrating mule deer population, coyotes, bear, rodents, birds, and fauna connected with a high altitude environment. Access to the well is across Federal leases. Surface administration lies with the Bureau of Land Management.

The majority of the washes and streams in the area are of a non-perennial nature flowing during the early spring runoff or during extremely heavy rainstorms, which are extremely rare. The normal annual rainfall in the area is only 8". The only live water stream within 5 miles of the well site is Main Canyon.

There are no occupied dwellings and ranch facilities in the general area. There are no visible archaeological, historical and cultural sites within reasonable proximity of the proposed location site. However, the location itself has been cleared of cultural resources by the firm of Gordon & Kranzush and the Cultural Resource completion report has been sent to the BLM.

12. Lessee's or Operator's Representative

Stacy Stewart, Field Services Adm.  
Coseka Resources (U.S.A) Ltd.  
P.O. Box 399  
Grand Junction, Colorado 81502

Gary Roberts, Field Services Adm.  
Coseka Resources (U.S.A.) Ltd.  
P.O. Box 399  
Grand Junction, Colorado 81502

(303) 245-6220 (Office)  
(303) 241-0557 (Home)

(303) 245-6220 (Office)  
(303) 241-5834 (Home)

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 Coseka Resources (U.S.A) Limited and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

10-10-83

Date

Stacy Stewart

Stacy Stewart, Field Services Administrator

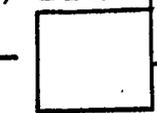
100 FEET



WELLHEAD

100'  
APPROX.

SUMP  
(FENCED)



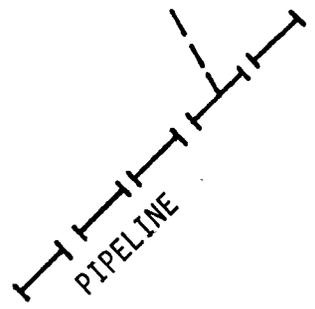
PRODUCTION UNIT



210 BBL TANK



METER RUN



PIPELINE

150 FT.

PRODUCTION LAYOUT

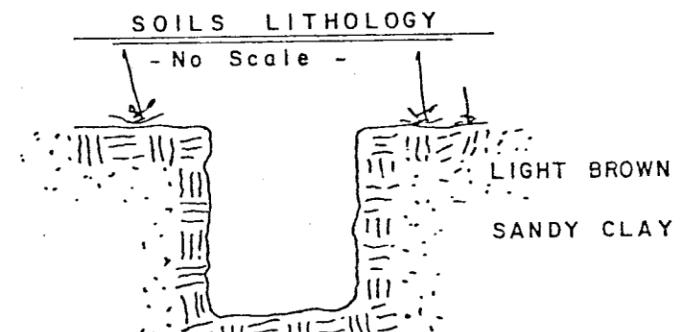
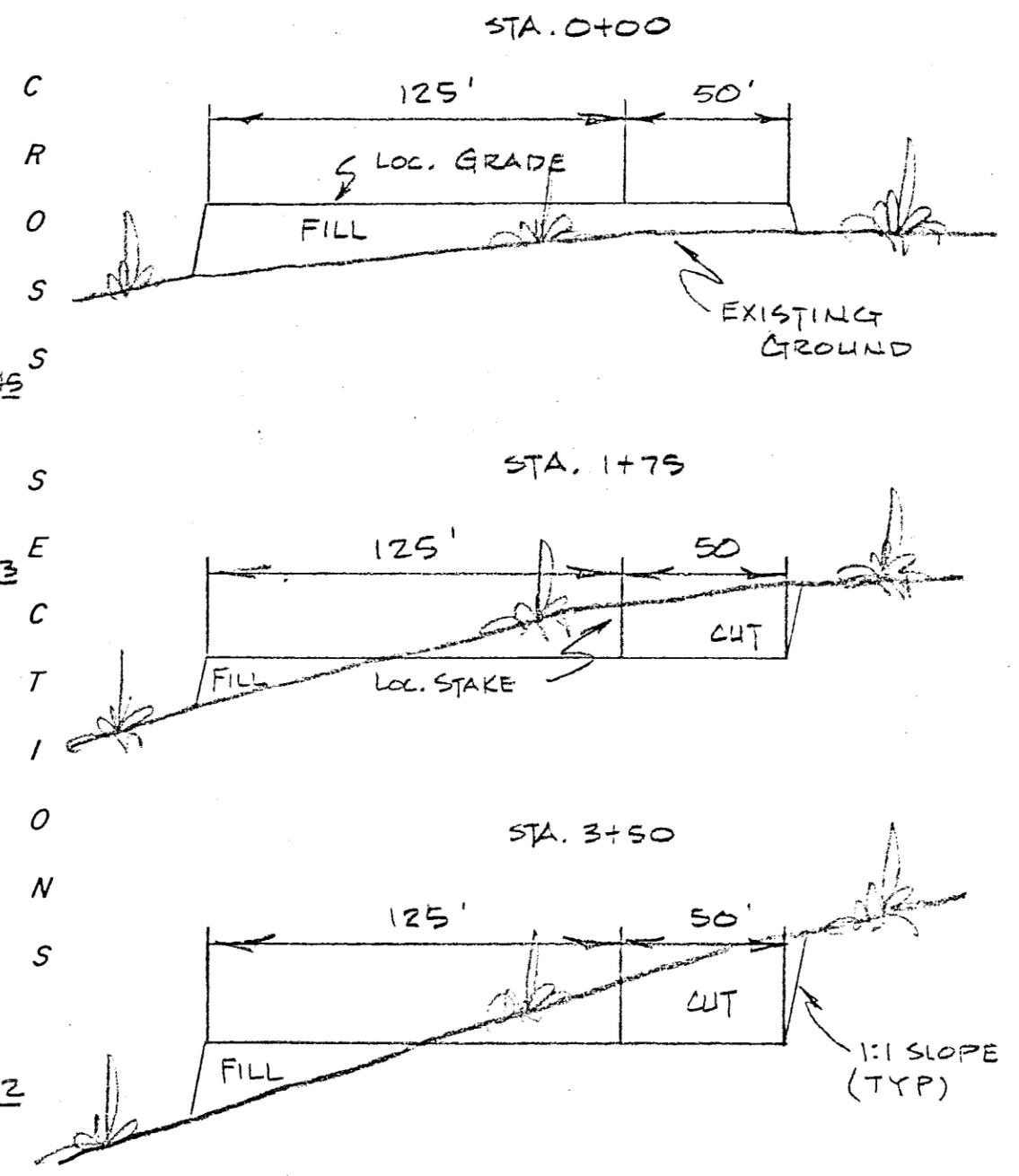
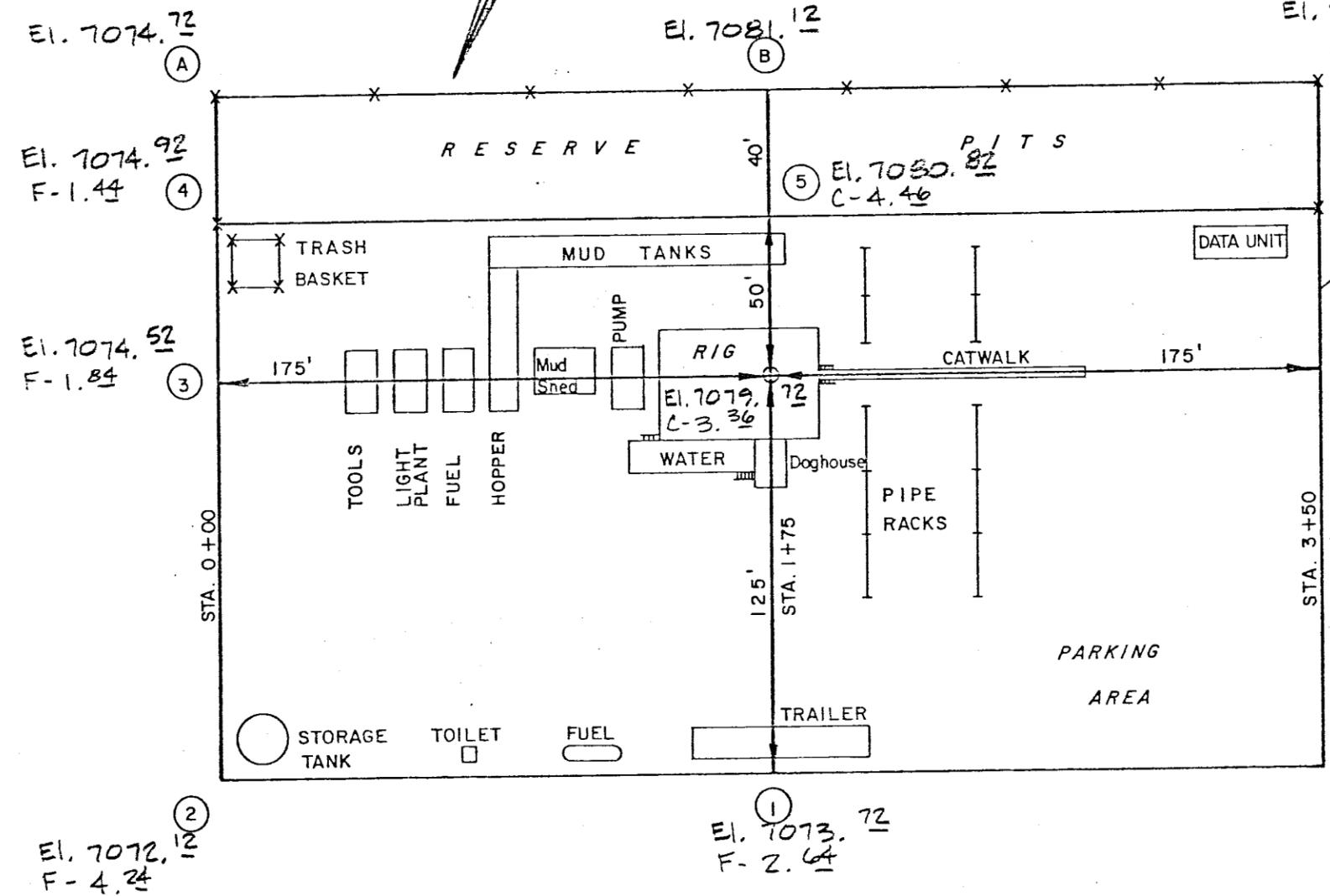
EXHIBIT C 12-23-14-22

# COSEKA RESOURCES U.S.A. LTD.

# 12-23-14-22

## LOCATION LAYOUT & CUT SHEET

SCALE: 1" = 50'  
DATE: 9/3/83



1" = 10' Scales

1" = 50'

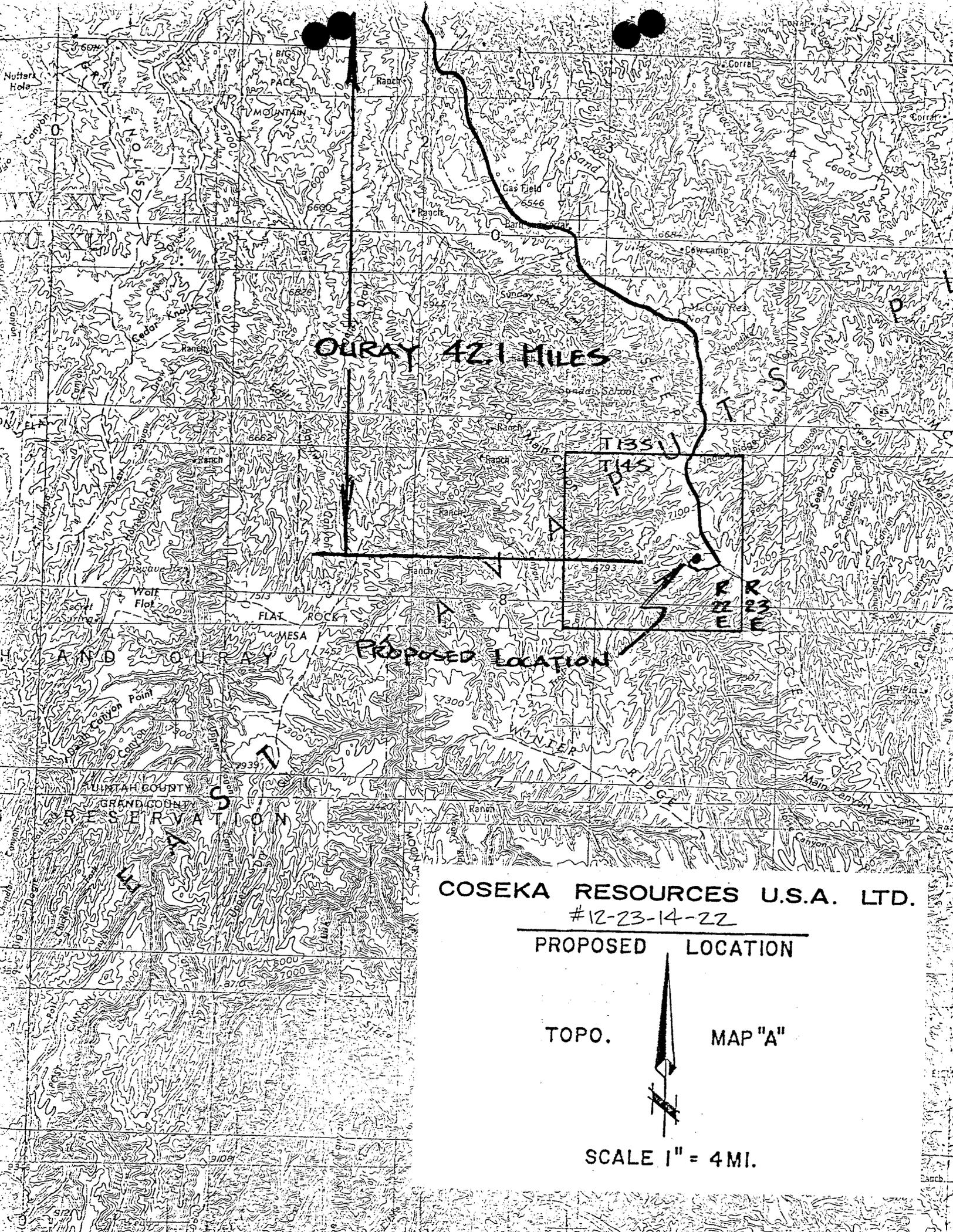
APPROXIMATE YARDAGES

Cubic Yards Cut = 3,676

Cubic Yards Fill = 3,043

LOSSES AT 20% = 609

UNBALANCE OF 25 YD<sup>3</sup> CUT



OURAY 42.1 MILES

PROPOSED LOCATION

COSEKA RESOURCES U.S.A. LTD.

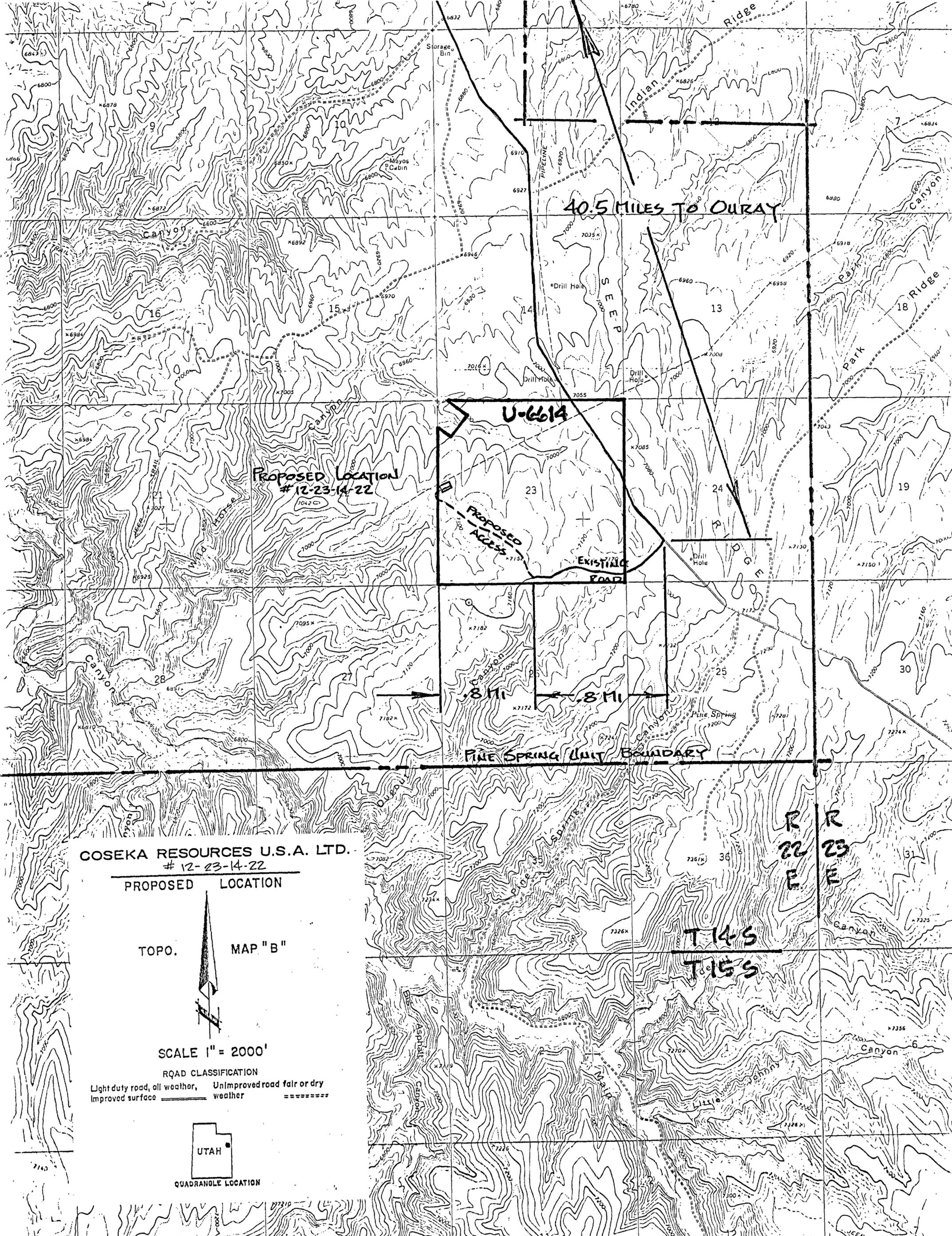
#12-23-14-22

PROPOSED LOCATION

TOPO.

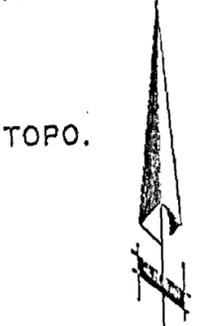
MAP "A"

SCALE 1" = 4 MI.



COSEKA RESOURCES U.S.A. LTD.  
# 12-23-14-22

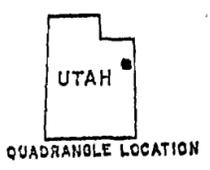
PROPOSED LOCATION



MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION  
Light duty road, all weather, Improved surface             
Unimproved road fair or dry weather           



UTAH  
QUADRANGLE LOCATION

40.5 MILES TO OURAY

U-6614

PROPOSED LOCATION  
#12-23-14-22

PROPOSED ACCESS

EXISTING ROAD

PINE SPRING UNIT BOUNDARY

T14S  
T15S

R22E  
R23E

R 21 E

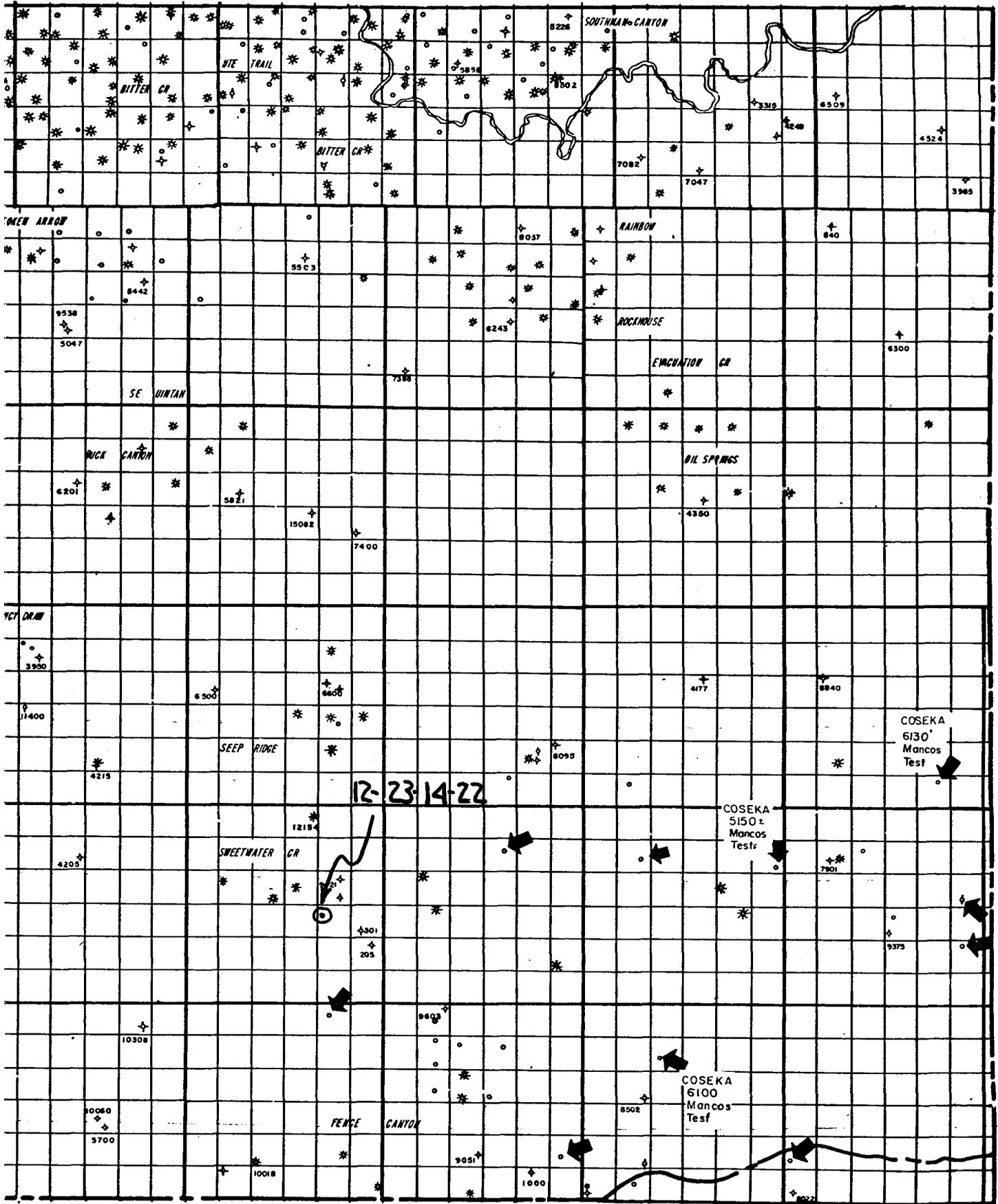
R 22 E

R 23 E

R 24 E

R 25 E

SEE PAGE 12



T 10 S

T 11 S

T 12 S

T 13 S

T 14 S

CHANCELLOR Mancos Tests

T 15 S

R 21 E

SEE PAGE 22

R 22 E

R 23 E

R 24 E

R 25 E

MAP "C"

21

UTAH

OPERATOR COSEKA RESOURCES (USA) LTD

DATE 10-20-83

WELL NAME PINE SPRING FED 12-23-14-22

SEC SW NW 23 T 14S R 22E COUNTY UINTAH

43-047-31401  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

AIR MIST - WATER OK

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

DATE: 10-20-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

10/26/83 WMT

APPROVAL LETTER:

SPACING:

A-3

PINE SPRING  
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT *PINE SPRING*

c-3-b

c-3-c

*DUPLICATE*  
*APPROVAL LETTER*  
*DATE*  
*BY*

CHECK DISTANCE TO NEAREST WELL.

*2<sup>nd</sup> NOTICE, HOWEVER IT IS NOT A CRITICAL SUBJECT MATTER*  
 CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

October 20, 1983

Coseka Resources (U.S.A.) Limited  
P. O. Box 399  
Grand Junction, Colorado 81502

RE: Pine Spring Fed. 12-23-14-22  
SWNW Sec. 23, T. 14S, R. 22E  
0067' FNL, 216' FWL  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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

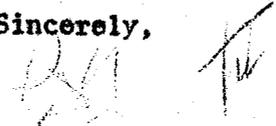
RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

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

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

The API number assigned to this well is 43-047-31401.

Sincerely,

  
R. J. Firth  
Chief Petroleum Engineer

RJF/as  
cc: Branch of Fluid Minerals  
Encl.



# 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

November 30, 1983

## Conditions of Approval of Projects

Re: Coseka Resources  
Well #12-23-14-22  
Sec. 23, T14S, R22E  
Uintah County, Utah

1. Travelling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Bar ditches will be installed where necessary.
2. There will be no burying of trash or garbage at the well sites.
3. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
4. Adequate and sufficient (electric/radioactive) logs will be run to locate and identify anticipated coal beds in the Mesaverde formation and in the prime oil shale horizons in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource and on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.
5. Additional stipulations are attached for production facilities.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
INSPECTION RECORD

101037

LA  
'85

Operator Coseka

Lease Red - unnamed

Contractor \_\_\_\_\_

Well No. 12-23-14-22

Location S/4 NW Sec. 23 T. 14S R. 22E

Field Pine Springs

County Uintah State Utah

Operation: Drilling \_\_\_\_\_  
Workover \_\_\_\_\_  
Completion \_\_\_\_\_  
Abandonment \_\_\_\_\_  
Producing \_\_\_\_\_  
Other

Individual Well Inspection

General:

Well Sign  BOP \_\_\_\_\_ Pollution control \_\_\_\_\_ Marker stake  
Housekeeping \_\_\_\_\_ Safety \_\_\_\_\_ Surface use  Location

Remarks: loc is built  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Lease and Facilities Inspection

Facilities inspected: \_\_\_\_\_  
Identification \_\_\_\_\_ Pollution control \_\_\_\_\_  
Housekeeping \_\_\_\_\_ Pits and ponds \_\_\_\_\_  
Measurement facilities \_\_\_\_\_ Water disposal \_\_\_\_\_  
Storage and handling facilities \_\_\_\_\_ Other \_\_\_\_\_

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Action: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name Glenn Goodwin Title inspector Date 5/10/84

Use:  for yes or satisfactory  
x for no or unsatisfactory  
NA for not applicable

April 5, 1984



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

February 21, 1985

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Gentlemen:

Re: Pine Spring Fed. 12-23-14-22 - Sec. 23, T. 14s., R. 22E  
Uintah County, Utah - API #43-047-31401 - Lease #U-6614  
Operator of Record - Coseka Resources

The above referred to well in your district was given federal approval to drill November 30, 1983. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

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

Claudia L. Jones  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0087S/57

**Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84070**

RECEIVED

MAR 01 1985

DIVISION OF OIL  
GAS & MINING

3100  
O&G

February 27, 1985

Coseka Resources (U.S.A.) Limited  
222 Professional Plaza  
244 N. 7th Street  
Suite 201-B  
Grand Junction, CO 81501

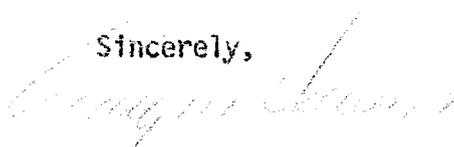
RE: Rescind Application for Permit to Drill  
Well No. 12-23-14-22  
Section 23, T14S, R22E  
Uintah County, Utah  
Lease No. U-6614

Gentlemen:

The Application for Permit to Drill the referenced well was approved on November 30, 1983. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

  
Craig M. Hansen  
ADM for Minerals

cc: State Div. O G & M  
well file



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

March 14, 1985

Coseka Resources USA Limited  
1512 Larimer Street, Suite 200  
Denver, Colorado 80202-1602

Gentlemen:

Re: Well No. Pine Springs Fed 12-23-14-22 - Sec. 23, T. 14S., R. 22E  
Uintah County, Utah - API #43-047-31401

In concert with action taken by the Bureau of Land Management, February 27, 1985, approval to drill the above-indicated well is hereby rescinded.

A new "Application for Permit to Drill" must be filed with this office, for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

clj

cc: Dianne R. Nielson  
Ronald J. Firth  
File

0123S/32