

UTAH OIL AND GAS CONSERVATION COMMISSION

H<sub>2</sub>O ok

27

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

DATE FILED 10-4-83  
 LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-18424 INDIAN \_\_\_\_\_  
 DRILLING APPROVED: 10-7-83 - GAS  
 SPUDDED IN: \_\_\_\_\_  
 COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_  
 INITIAL PRODUCTION: \_\_\_\_\_  
 GRAVITY A.P.I. \_\_\_\_\_  
 GOR: \_\_\_\_\_  
 PRODUCING ZONES: \_\_\_\_\_  
 TOTAL DEPTH: \_\_\_\_\_  
 WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: Application rescinded Per BLM 4-26-85n with 54M  
 FIELD: ~~WILDCAT~~ Pine Springs 3/86  
 UNIT: PINE SPRING  
 COUNTY: UINTAH  
 WELL NO. PINE SPRING FED. 6-12-14-21 API #43-047-31396  
 LOCATION 1654' FSL FT. FROM (N) (S) LINE. 1676' FWL FT. FROM (E) (W) LINE. NESW 1/4 - 1/4 SEC. 12

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
14S	21E	12	COSEKA RESOURCES				

*Confidential*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-18424
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Coseka Resources (USA) Limited			7. UNIT AGREEMENT NAME Pine Spring
3. ADDRESS OF OPERATOR P.O. Box 399, Grand Junction, Colorado 81502			8. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1,676' FWL, 1,654' FSL Section 12, T14S, R21E, S.L.B. & M. At proposed prod. zone Same			9. WELL NO. 6-12-14-21
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 82.0 miles south of Ouray, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 334'	16. NO. OF ACRES IN LEASE 80	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 12, T14S, R21E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 2,896'	20. ROTARY OR CABLE TOOLS Rotary	12. COUNTY OR PARISH   13. STATE Uintah   Utah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,496' Ungr.		22. APPROX. DATE WORK WILL START* November 1, 1983	

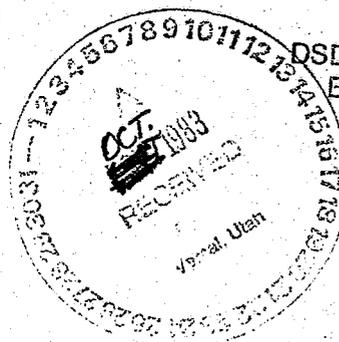
PROPOSED CASING AND CEMENTING PROGRAM

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 3 1983



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 Field Services Admin. DATE 9-30-83

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] DISTRICT MANAGER DATE 11/23/83  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

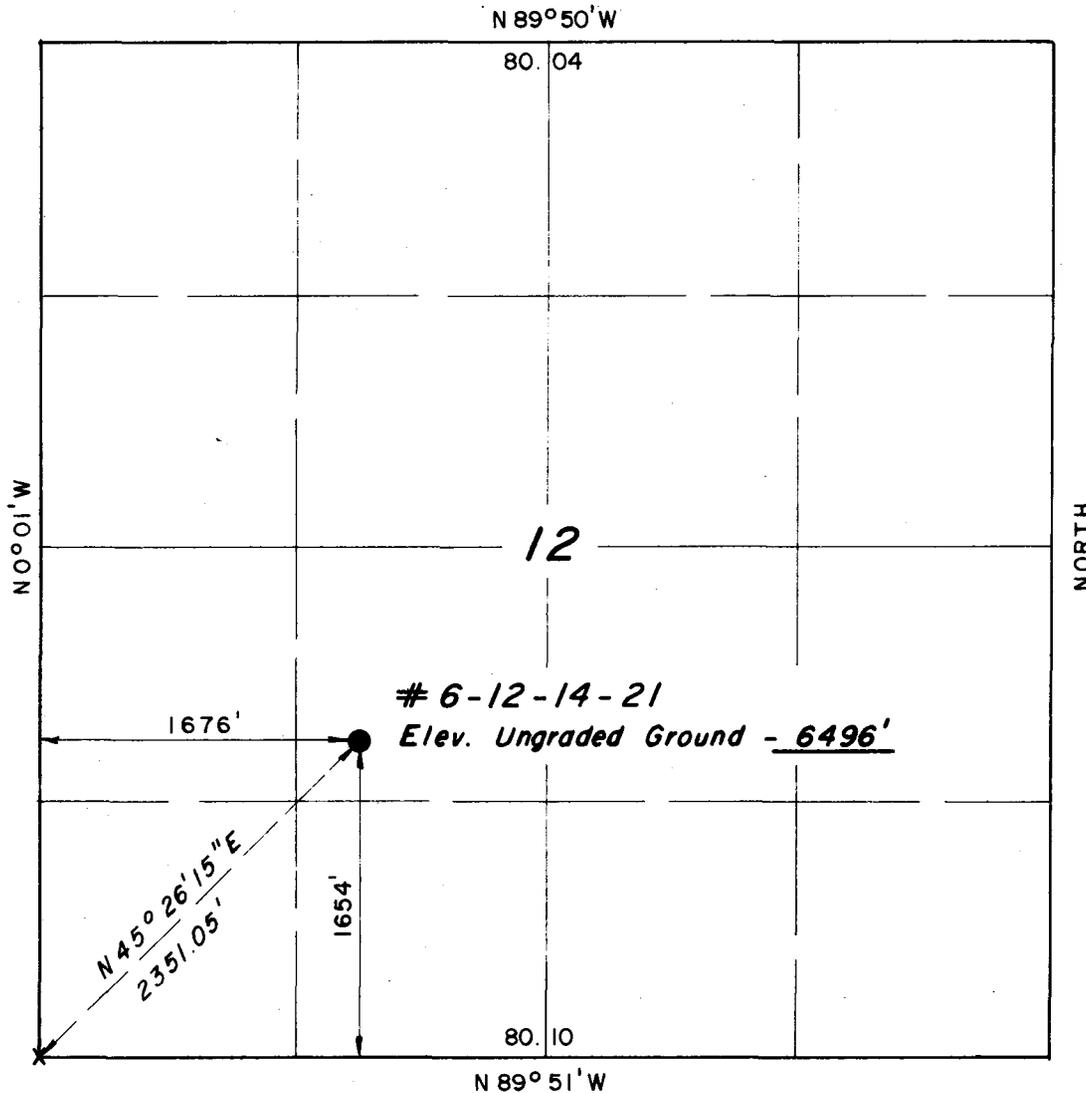
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4- DATED 1/1/80

UT-080-3-M-136  
NOTICE OF APPROVAL  
State, Oil, Gas & Mining

T14S, R21E, S.L.B. & M.

PROJECT  
COSEKA RESOURCES U.S.A. LTD.

Well location, # 6-12-14-21, located  
 as shown in the NE 1/4 SW 1/4 Section  
 12, T14S, R21E, 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	11/29/82
PARTY	RT JW RP	REFERENCES	G L O Plat
WEATHER	Clear/Cold	FILE	COSEKA

X = Section Corners Located

Costa 6-12-14-21

Adequate and sufficient electric/radioactive logs will be run to locate and identify anticipated coal beds in the Mesaverde 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. Surface casing program may require adjustment for protection of fresh water aquifers.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

U-18424

6. 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

MULTIPLE ZONE

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

1,676' FWL, 1,654' FSL Section 12, T14S, R21E, S.L.B. & M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

82.0 miles south of Ouray, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

334'

16. NO. OF ACRES IN LEASE

80

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

2,896'

20. ROTARY OR CABLE TOOLS

Rotary

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

6,496' Ungr.

22. APPROX. DATE WORK WILL START\*

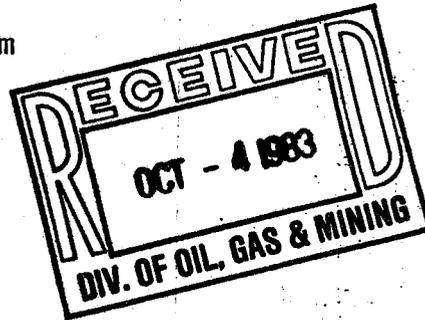
November 1, 1983

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.

24.

SIGNED

*[Signature]*

TITLE

Field Services Admin.

DATE

9-30-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

*[Signature]*

TITLE

DATE

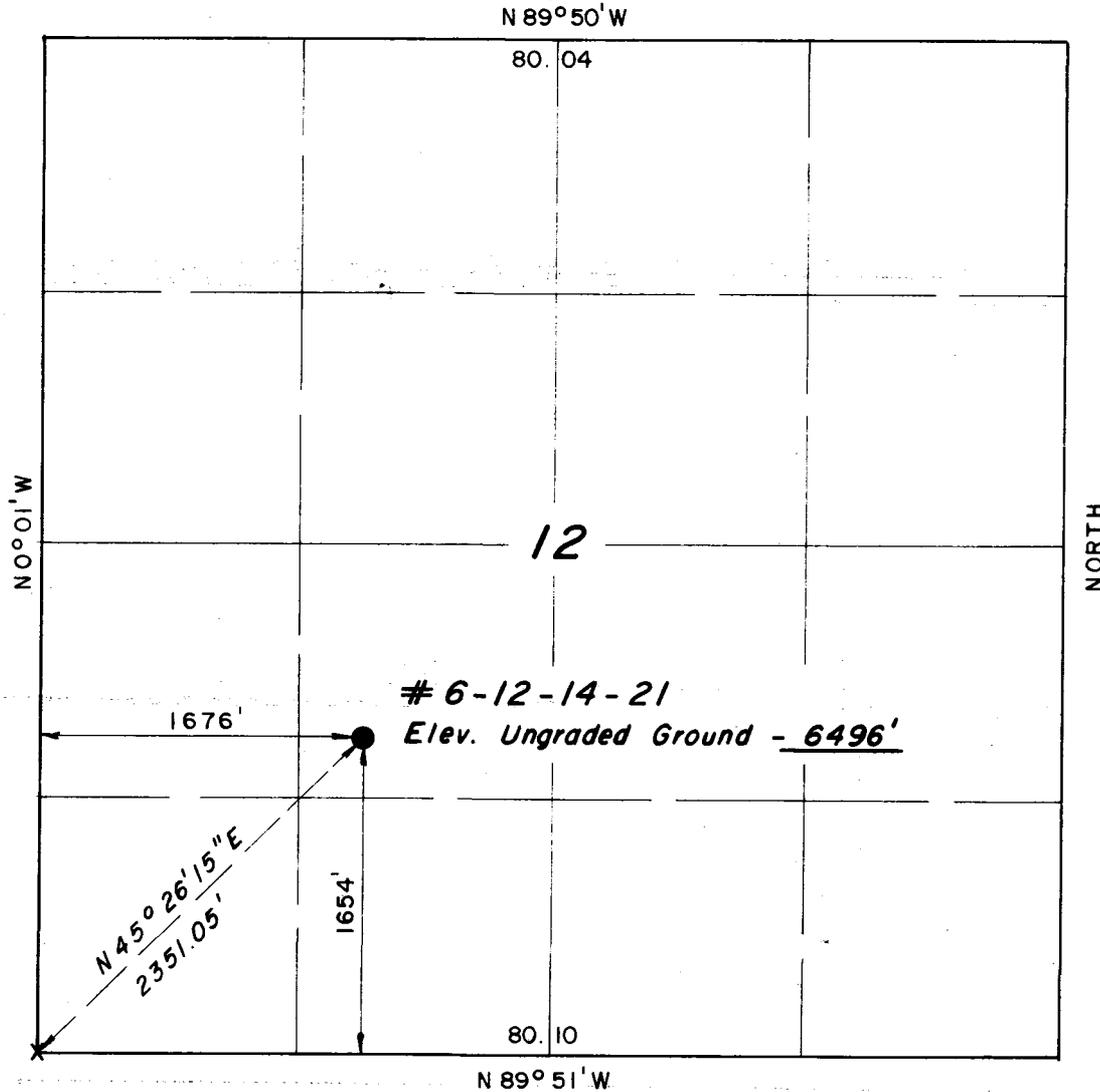
10-7

CONDITIONS OF APPROVAL, IF ANY:

T14S, R21E, S.L.B. & M.

PROJECT  
COSEKA RESOURCES U.S.A. LTD.

Well location, # 6-12-14-21, located as shown in the NE 1/4 SW 1/4 Section 12, T14S, R21E, 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	11/29/82
PARTY	RT JW RP	REFERENCES	GLO Plat
WEATHER	Clear/Cold	FILE	COSEKA

Exhibit "A"

Ten Point Compliance Program

NTL-6

Attached to Form 9-331C  
Well #6-12-14-21

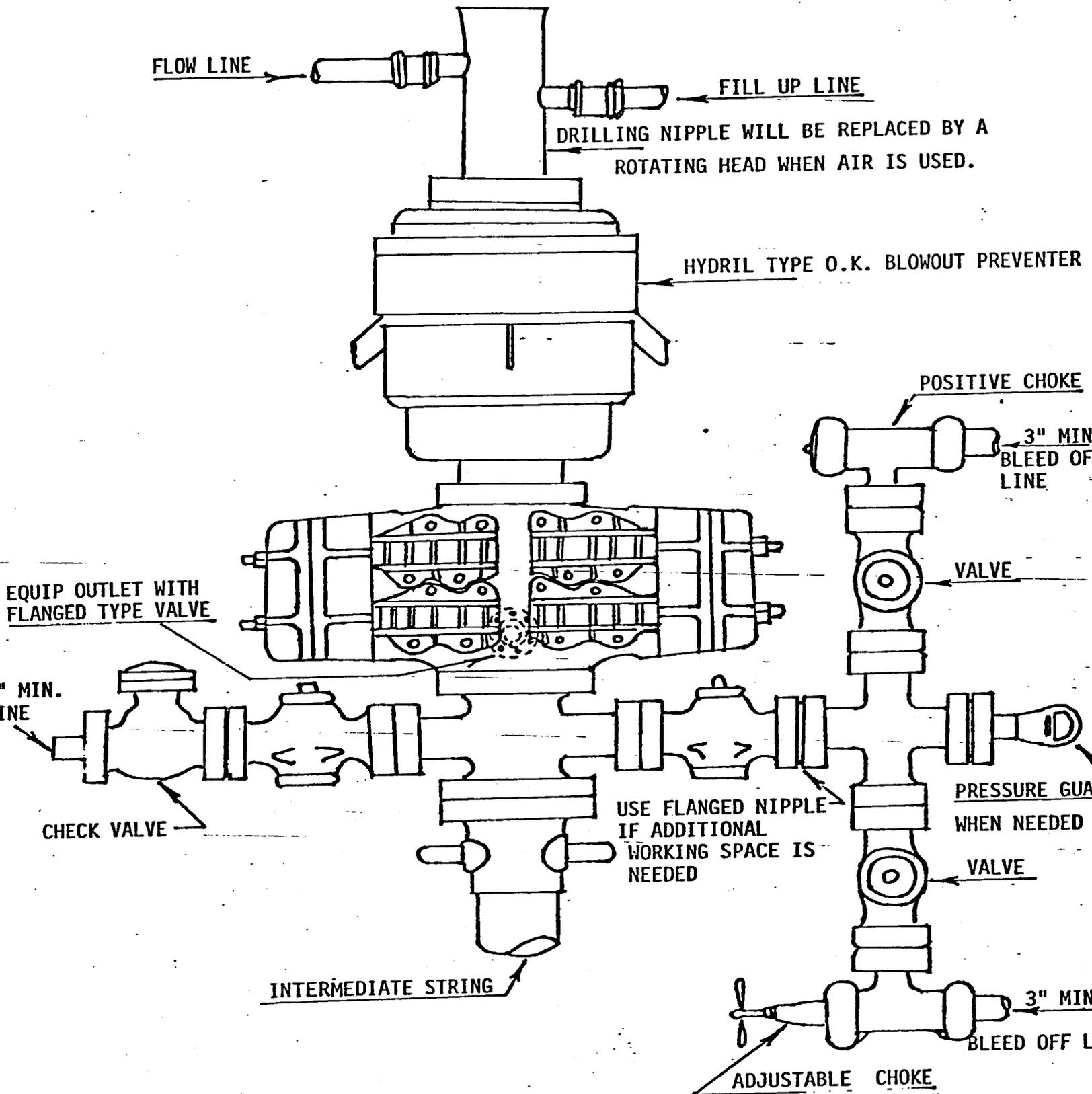
1. The geological name for the surface formation is the Green River Formation of Middle Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated RKB elevation of 6,496' are as follows:

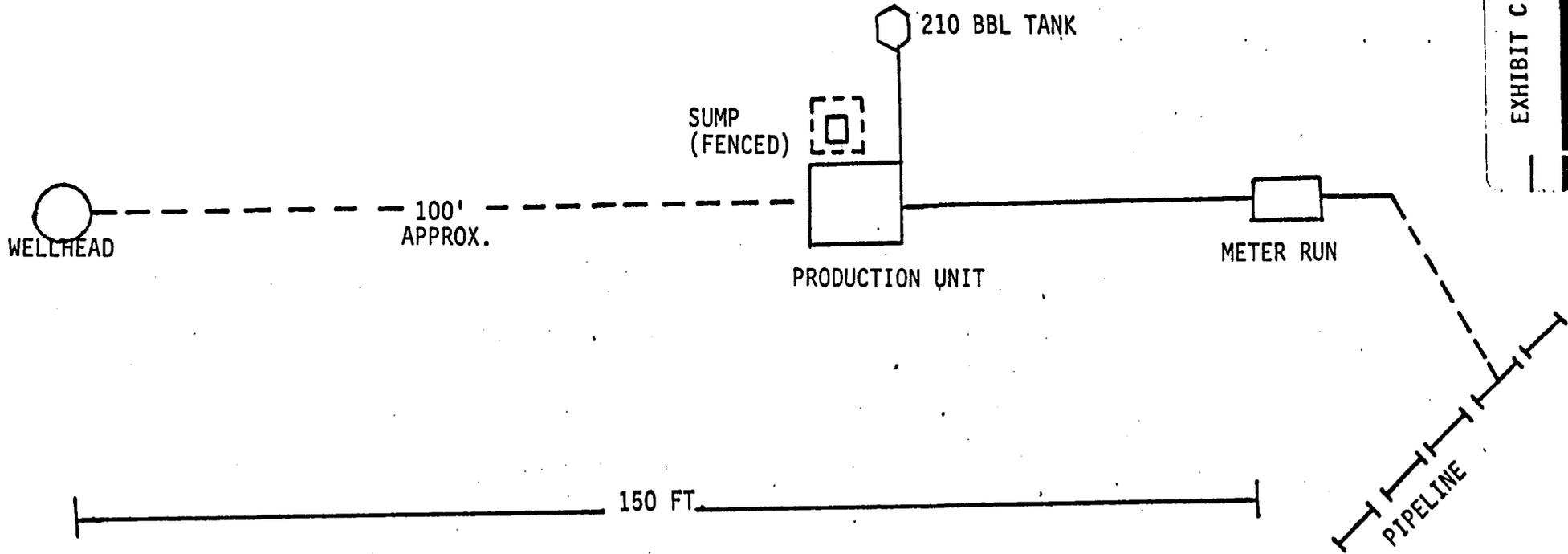
Top Wasatch	1,334'
Top Mesa Verde	2,696'
Upper Dark Canyon Interval	2,356'
Lower Dark Canyon Interval	2,558'
Total Depth	2,896'

3. Of the formations listed above it is anticipated that the Dark Canyon formation 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 1, 1983 and that the operations will last three weeks.

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





PRODUCTION LAYOUT

Coseka Resources (U.S.A.) Limited

13 Point Surface Use Plan

for

Well Location

#6-12-14-21

Located in

Section 12, T14S, R21E

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 NE 1/4 SW 1/4 Section 12, T14S, R21E, S.L.B.& M. See well plat.
- B. The proposed location is approximately 82.0 miles south of Ouray, Utah. To reach Coseka Resources Well #6-12-14-21, proceed south from Ouray on the Seep Ridge Road for 53.0 miles to the Bookcliff Divide Road. Turn right and continue 19.2 miles. Turn right and continue 5.7 miles to the proposed access road sign. Turn right and proceed 4.0 miles along the proposed access road to location. Traveling off the existing and proposed roads will not be allowed.
- 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. See Topo Map "B" for details of the existing access road.

## 2. Planned Access Roads

The BLM will be notified at least 24 hours prior to any construction. See attached Topographic Map "B".

The planned access road will be approximately 4.0 miles 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) The maximum grade of the proposed access road will be 8%. 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) Drainage design of the proposed access road will avoid unnecessary disturbance of natural runoff patterns; however, because of the character of the terrain, several runoff drainages will be impacted. Drainage will be implemented so as not to cause siltation

or accumulation of debris. Depending upon soil and precipitation factors, drainage dips will be incorporated where appropriate. Where drainages are crossed, low water crossings will be utilized as outlined in BLM/USGS, Surface Operating Standards, p. 25, whenever possible. If low water crossings are deemed not feasible, culverts will be installed as outlined in Surface Operating Standards, p. 22, 23.

- (5) Because of the steep terrain through which the proposed access route will be built, substantial road cut and road fill will be encountered once the route leaves the existing road. Such cut and fills are unavoidable, but should not present permanent high erosion potential. No culverts are planned.
- (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) At the fence encountered along the proposed access road in Section 26, a cattleguard and gate will be installed. The cattleguard will have a loading factor large enough to facilitate the heavy trucks required in the drilling and completion of this well.
- (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 - None
- (3) Temporarily abandoned wells - None
- (4) Disposal wells - None
- (5) Drilling wells - None
- (6) Producing wells - None
- (7) Shut-in wells - 1 in Section 12, T14S, R21E  
1 in Section 18, T14S, R21E  
1 in Section 7, T14S, R22E  
1 in Section 19, 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 are no known gas lines in the immediate area.

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 enduratonite 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 Willow Creek in the SE 1/4 of Section 9, T14S, R21E. Coseka Resources has negotiated a water agreement with Jim Tomlinson. 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 is 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. This will be done prior to any mineral soil being bladed. No topsoil will be saved due to the lack of same.

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 topsoil stockpile and excess "cut" stockpile.
- (3) Rig orientation, parking areas and access road.
- (4) The reserve pit will be lined with a plastic pit liner.

## 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 4B.

#### 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". Live water streams within 5 miles of the well site are Willow Creek and 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

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

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

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

Certification

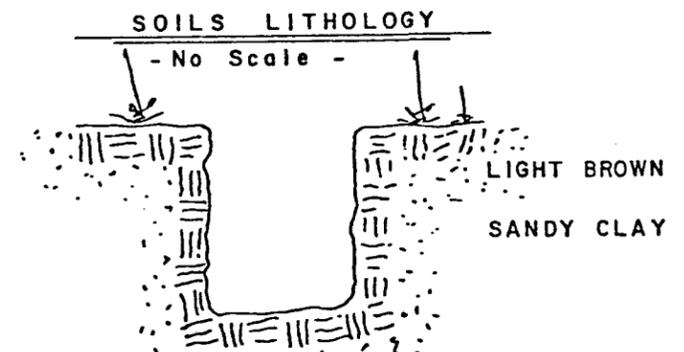
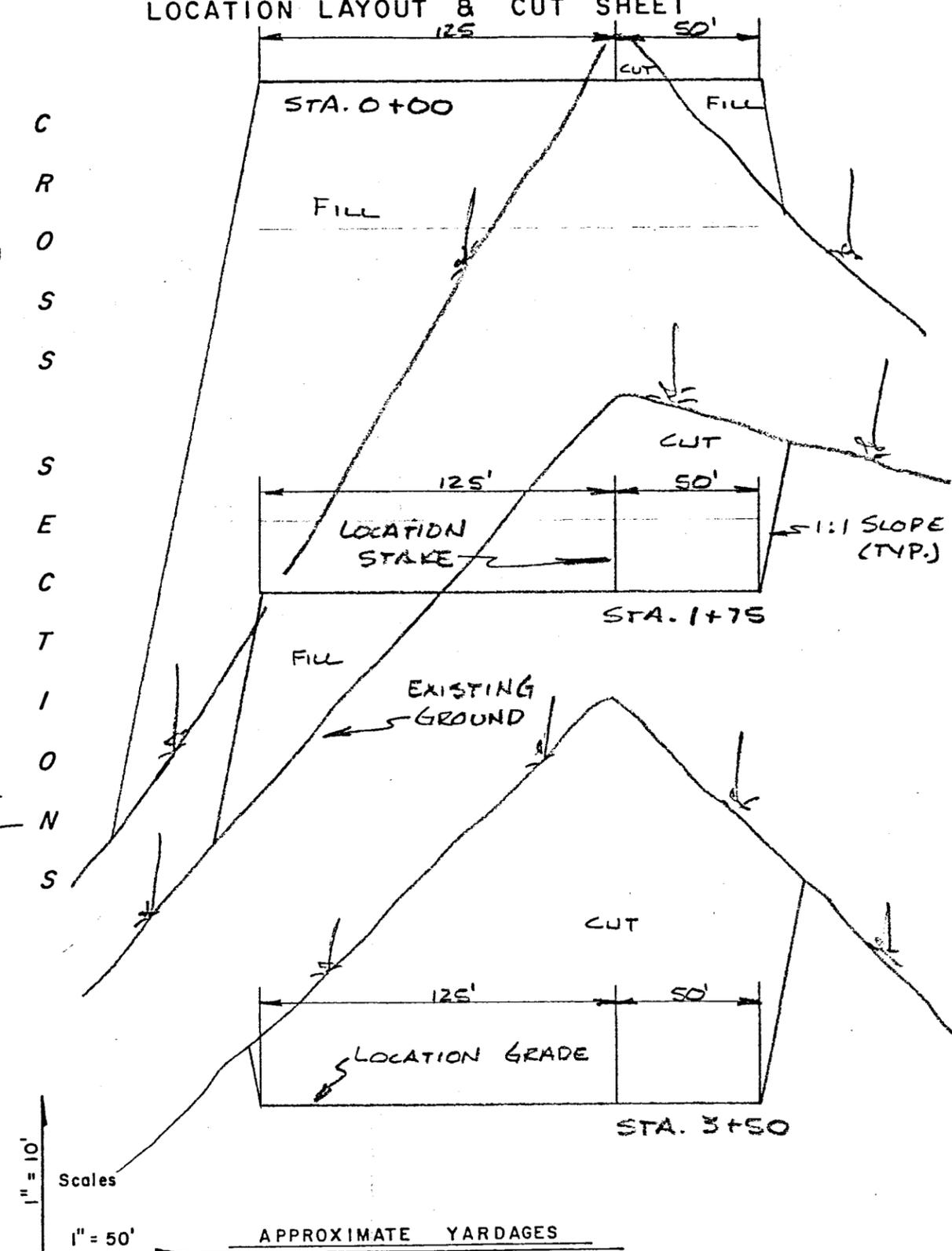
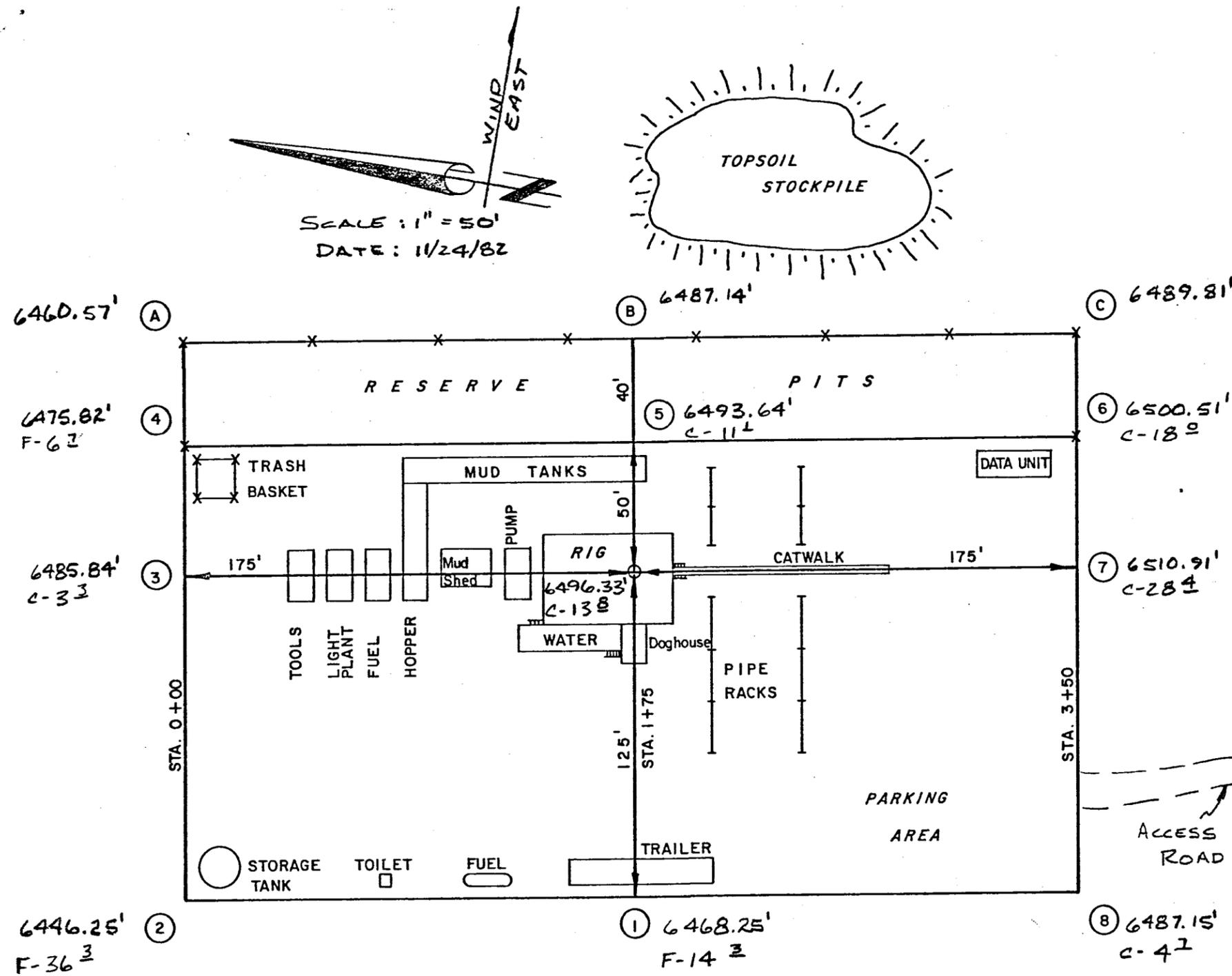
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access routes; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated 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.

9-30-83  
Date

Stacy Stewart  
Stacy Stewart, Field Services Administrator

# 6-12-14-21

## LOCATION LAYOUT & CUT SHEET



Cubic Yards Cut = 18,256

Cubic Yards Fill = 14,032 x 1.2 = 16,838  
(SHRINKAGE FACTOR)

COSEKA RESOURCES U.S.A. LTD.

#6-12-14-21

PROPOSED LOCATION

TOPO.

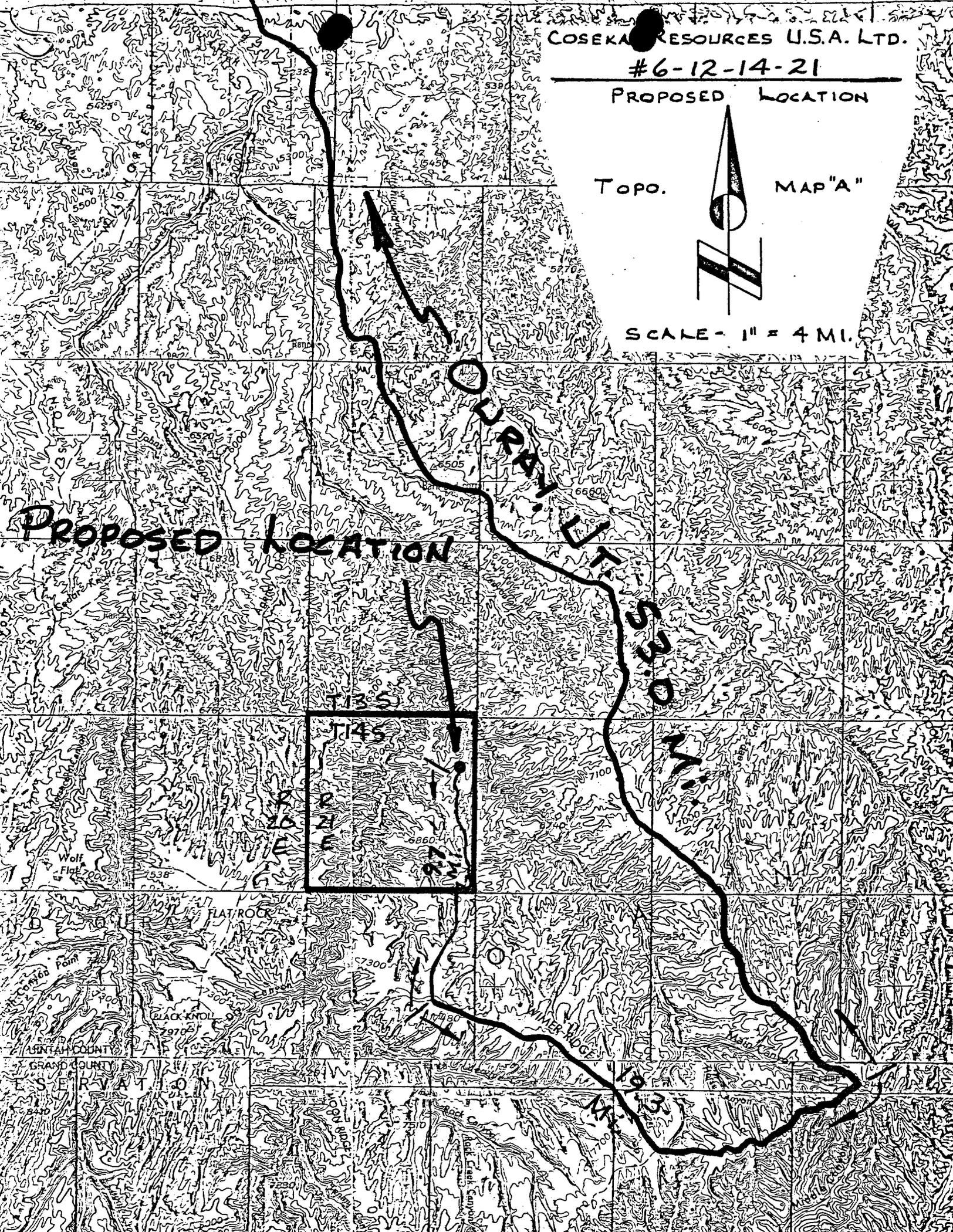
MAP "A"



SCALE - 1" = 4 MI.

PROPOSED LOCATION

OURTAIN  
LIT  
SUSO  
WIT



COSEKA RESOURCES U.S.A. LTD.

# 6-12-14-21

PROPOSED LOCATION

Topo.

MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ..... Unimproved dirt .....

UTAH

QUADRANGLE LOCATION

U10514

PROPOSED LOCATION  
# 6-12-14-21

R 21 E  
R 22 E

PROPOSED ACCESS  
ROAD - 4.0 Mi.

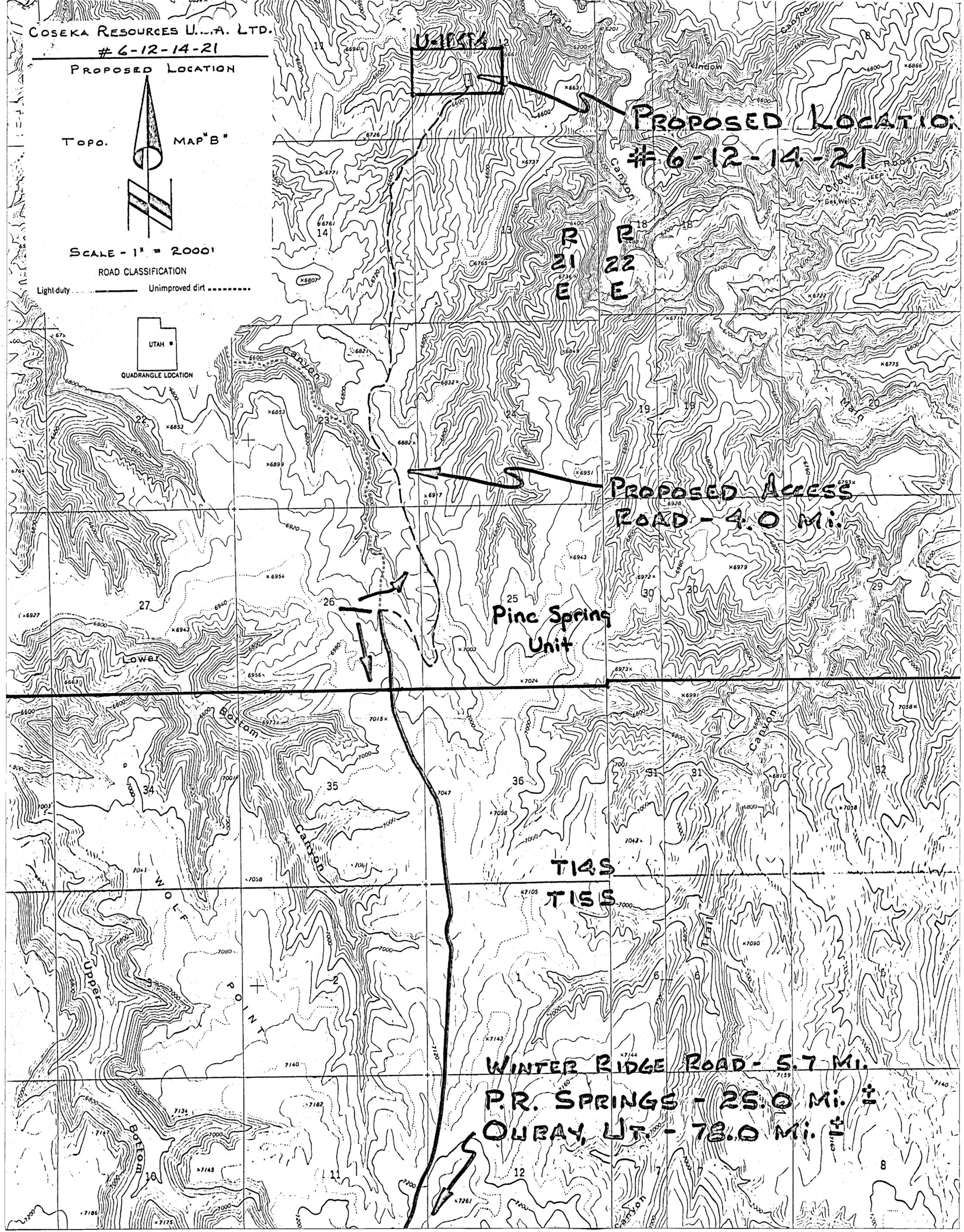
Pine Spring  
Unit

T14S  
T15S

WINTER RIDGE ROAD - 5.7 Mi.

P.R. SPRINGS - 25.0 Mi. ⬆

OURAY, UT. - 78.0 Mi. ⬆



R 21 E

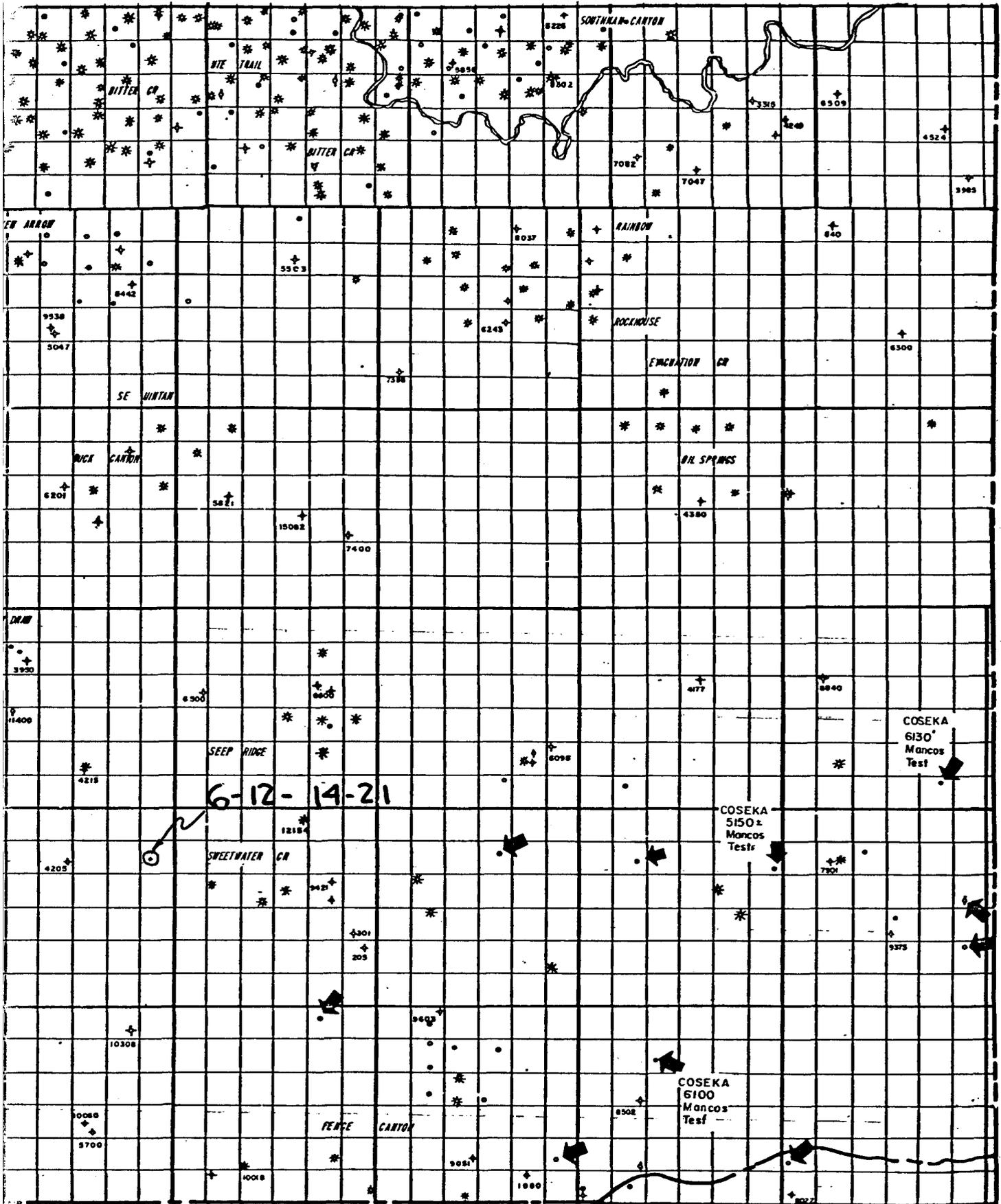
R 22 E

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

CHANCELLOF 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

DESIGNATION OF AGENT

MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

Supervisor, Oil and Gas Operations:

APR 25 1983

Geological Survey, Unit Operator  
SALT LAKE CITY, UTAH  
Uintah

The undersigned is, on the records of the Geological Survey, Unit Operator  
under the Pine Spring unit agreement,  
County, Utah (state), No. 14-08-0001-16115 approved  
8/26/77 and hereby designated:

20 JUN 1983

NAME: Coseka Resources (U.S.A.) Limited  
ADDRESS: 1512 Larimer, 200 Writer Square  
Denver, Colorado 80202

ACCEPTED - EFFECTIVE

*E. W. Guynn*  
E. W. Guynn

District Oil & Gas Supervisor

as its agent, with full authority to act in its behalf in complying with the terms  
of this Unit Agreement and regulations applicable thereto and on whom the supervisor  
or his representative may serve written or oral instructions in securing compliance  
with the Oil and Gas Operating Regulations with respect to drilling, testing, and  
completing unit well No. 6-12-14-21 in Section 12 : NE 1/4 SW 1/4,  
T. 14S , R. 21E , Uintah County, Utah .

It is understood that this designation of agent does not relieve the Unit  
Operator of responsibility for compliance with the terms of the unit agreement and  
the Oil and Gas Operating Regulations. It is also understood that this designation  
of agent does not constitute an assignment of any interest under the unit agreement  
or any lease committed thereto.

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

The Unit Operator agrees promptly to notify the oil and gas supervisor of  
any change in the designated agent.

This designation of agent is deemed to be temporary and in no manner a  
permanent arrangement.

This designation is given only to enable the agent herein designated to  
drill the above-specified unit well. Unless sooner terminated, this designation  
shall terminate when there is filed in the appropriate district office of the U.S.  
Geological Survey a completed file of all required Federal reports pertaining to  
subject well. It is also understood that this designation of agent is limited to  
field operations and does not cover administrative actions requiring specific  
authorization of the Unit Operator.

EXXON CORPORATION

Unit Operator

Div. Edmn. CWP  
Div. Geol. DOB  
It. Lit. gob  
Div. Acct. DES  
Div. Law EPH  
Div. Ops. Mgr. PHH

By: *Ben M... [Signature]*

# CONFIDENTIAL

OPERATOR COSEKA RESOURCES (USA) LTD

DATE 10-5-83

WELL NAME PINE SPRING FED 6-12-14-21

SEC NE SW 12 T 14 S R 21 E COUNTY UIAH

43-047-31396

API NUMBER

FED

TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

WATER OK

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

DATE: 10-7-83

BY: [Signature]

CHIEF PETROLEUM ENGINEER REVIEW:

10/10/83 [Signature]

APPROVAL LETTER:

SPACING:

A-3 PINE SPRINGS  
UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

This permit shall be void and of no effect until you have complied with rules of the board to submit the required field reports for those wells which are identified by the attached 1st and 2nd notice letters. Send the reports as a package with reference to validating this letter of approval, and the letter of approval to drill the Pine Spring Fed 12-14-14-22 well

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FILED*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER *ND*

UNIT *PINE SPRING*

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

*SECOND NOTICE*

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 7, 1983

Coseka Resources (USA) Limited  
P. O. Box 399  
Grand Junction, Colorado 81502

RE: Well No. Pine Spring Fed. 6-12-14-21  
NESW Sec. 12, T. 14S, R. 21E  
1654' FSL, 1676' 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. This permit shall be void and of no effect until you have complied with rules of the Board to submit the required field reports for those wells which are identified by the attached first and second notice letters. Send the reports as a package with reference to validating this letter of approval, and the letter of approval to drill the Pine Spring Fed. 12-14-14-22 well.

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 43-047-31396.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/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 9, 1983

## Conditions of Approval of Projects

Re: Coseka Resources  
Well #6-12-14-21  
Sec. 6, T14S, R21E  
Uintah County, Utah

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration".
2. 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. Turnouts will not be required. Bar ditches will be installed where necessary.
3. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
4. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
5. The BIM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.
6. PR Spring may not be used as a water source.
7. Trees on the location and proposed access road will be purchased prior to construction with a wood permit from the Bureau of Land Management, Bookcliffs Resource Area. All stems, stumps and branches over four inches in diameter shall be either removed from Federal Land for resale or private use, or cut into lengths not exceeding four feet and placed in piles along the access road, or chipped.
8. Trees and brush from the road and pad shall be kept separate from any topsoil stockpiles.

9. At well #6-12-14-21, no topsoil stockpile will be required due to lack of quality topsoil. However, upon abandonment, the disturbed area will be recontoured and then ripped to a minimum of twelve inches. The reserve pits will be lined because of their proximity to steep sidehills.
10. The pad for the 6-12-14-21 would be decreased in size to about 140 feet by 300 feet. The reserve pits would be about 40 feet by 250 feet. This change would reduce the size of the location by about 20 percent and significantly reduce cuts and fills involved with the construction of the location.
11. An existing fence in Section 26, T14S, R21E will require an adequate cattlegaurd where this access road crosses it. This part of the access road is shared with the access to another proposed well in Section 13, T14S, R21E.
12. In order to minimize watershed damage, exploration, drilling and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation in any year may be specifically authorized in writing by the District Manager, Vernal District Bureau of Land Management with the concurrence of the Resource Area Manager, Bookcliffs Resource Area.
13. Adequate and sufficient downhole geophysical (electric/radioactive) logs will be run to locate and identify coal beds in the Mesaverde 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. Casing and cementing programs may also require adjustment for protection of fresh water aquifers.
14. Additional stipulations are attached for production facilities.



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

April 11, 1985

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

Gentlemen:

Re: Well No. Pine Springs Fed. 6-12-14-21 - Sec. 12, T. 14S., R. 21E.  
Uintah County, Utah - Lease No. U-18424  
Operator of Record: Coseka Resources (USA) Ltd.

The above referenced well in your district was given federal approval to drill November 23, 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,

*Pam Kenna*

Pam Kenna  
Well Records Specialist

Enclosure

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

0170S/32

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

3100  
O&G

April 16, 1985

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

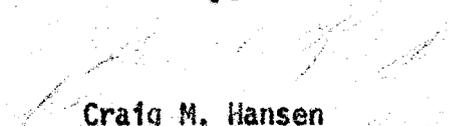
RE: Rescind Application for Permit to Drill  
Well No. 6-12-14-21  
Section 12, T14S, R21E  
Uintah County, Utah  
Lease No. U-18424

Gentlemen:

The Application for Permit to Drill the referenced well was approved on November 23, 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

bcc: 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

April 26, 1985

Coseka Resources (USA) Limited  
222 Professional Plaza  
244 North 7th Street, Suite 201-B  
Grand Junction, Colorado 81501

Gentlemen:

Re: Well No. Pine Springs Federal 6-12-14-21 - Sec. 12,  
T. 14S., R. 21E., Uintah County, Utah - API #43-047-31396

In concert with action taken by the Bureau of Land Management,  
April 16, 1985, approval to drill the above referenced 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

0170S/76