

FILE NOTATIONS

Entered in NID File	Checked by Chief
Location Map Pinned	Approval Letter
Card Indexed	Disapproval Letter

COMPLETION DATA:

Date Well Completed

JW..... WW..... TA.....

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

Location Inspected

Bond released

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 [X] DEEPEN [] PLUG BACK []
b. TYPE OF WELL: OIL WELL [] GAS WELL [X] OTHER [] SINGLE ZONE [X] 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 1780' FNL, 1820' FWL, Sec 9, T15S, R23E, S.L.B. & M., Uintah Co., Utah
At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 47.2 miles from Ouray, Utah

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1780'

16. NO. OF ACRES IN LEASE 2560.72

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.

19. PROPOSED DEPTH 9013

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7579' ungr

22. APPROX. DATE WORK WILL START: June 28, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Includes handwritten notes: '250 Cement to Sur', '150', '150', '150-200' above upper most hydrocarbon zone.



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: 6/18/79

(This space for Federal or State office use)

PERMIT NO. (Orig. Sgd.) E. W. Guynt APPROVAL DATE: DISTRICT ENGINEER DATE: AUG 30 1979

APPROVED BY: CONDITIONS OF APPROVAL, IF ANY:

UT State O&G

*See Instructions On Reverse Side

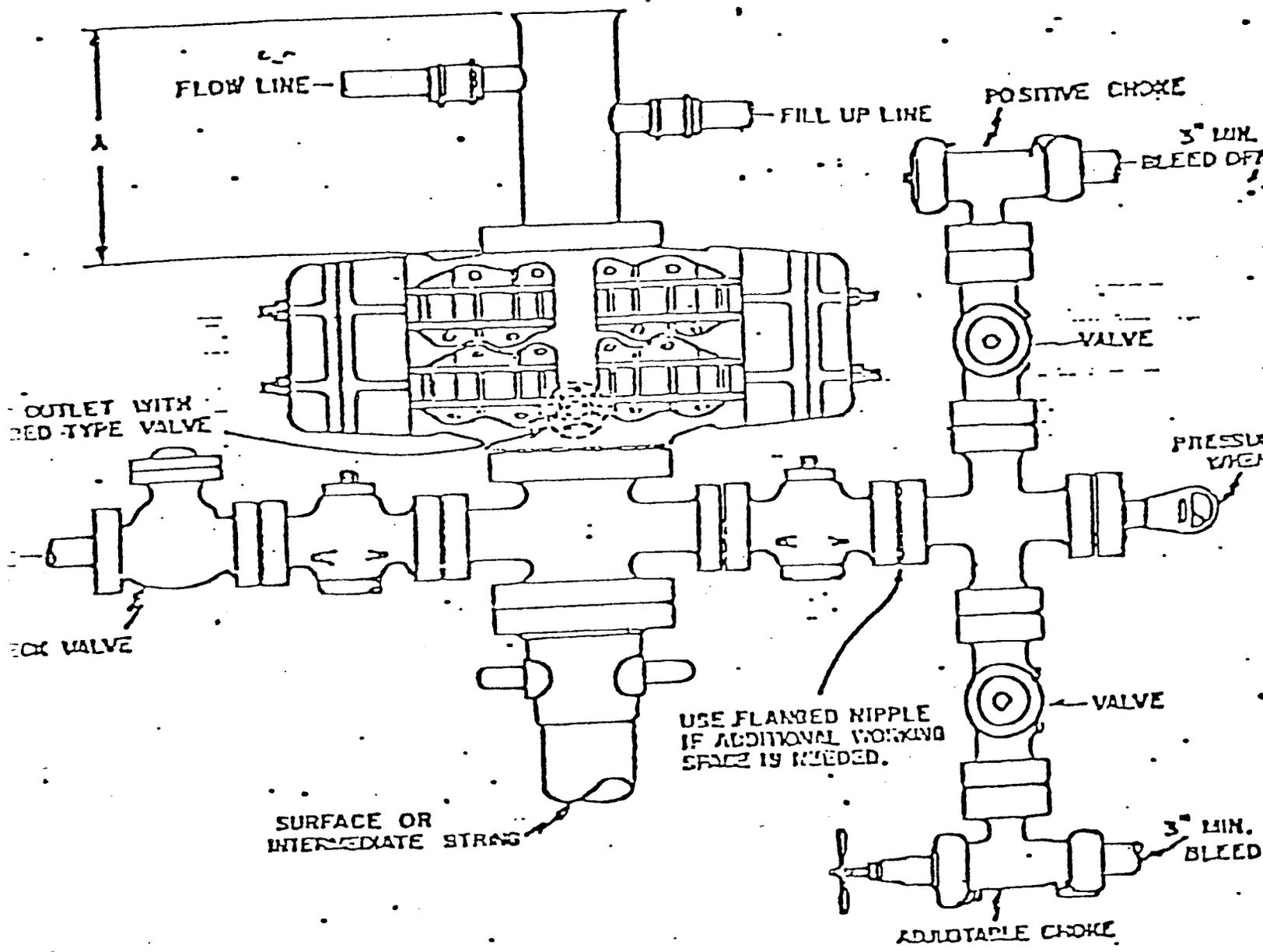


EXHIBIT - A

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

5. Lease Designation and Serial No.

U-8361

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

Main Canyon

8. Farm or Lease Name

Federal

9. Well No.

11-9-15-23

10. Field and Pool, or Wildcat

Wildcat

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

SE 1/4 NW 1/4 Sec. 9 T15S, R23E

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

1780' FNL, 1820' FWL, Sec. 9, T15S, R23E, S1L.B. & M.,

At proposed prod. zone

Same SE NW

Uintah County, Utah

12. County or Parrish 13. State

Uintah Utah

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

47.2 miles from Ouray, Utah

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

1780'

16. No. of acres in lease

2560.72

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.

19. Proposed depth

9013

20. Rotary or cable tools

Rotary

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

7579' ungr

Dakota Morrison

22. Approx. date work will start*

September 7, 1979

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
11"	8-5/8" NEW	24# & 32#	5900'	150
7-7/8"	5-1/2" NEW	15.5# & 17#	9013'	150



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 8/31/79

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

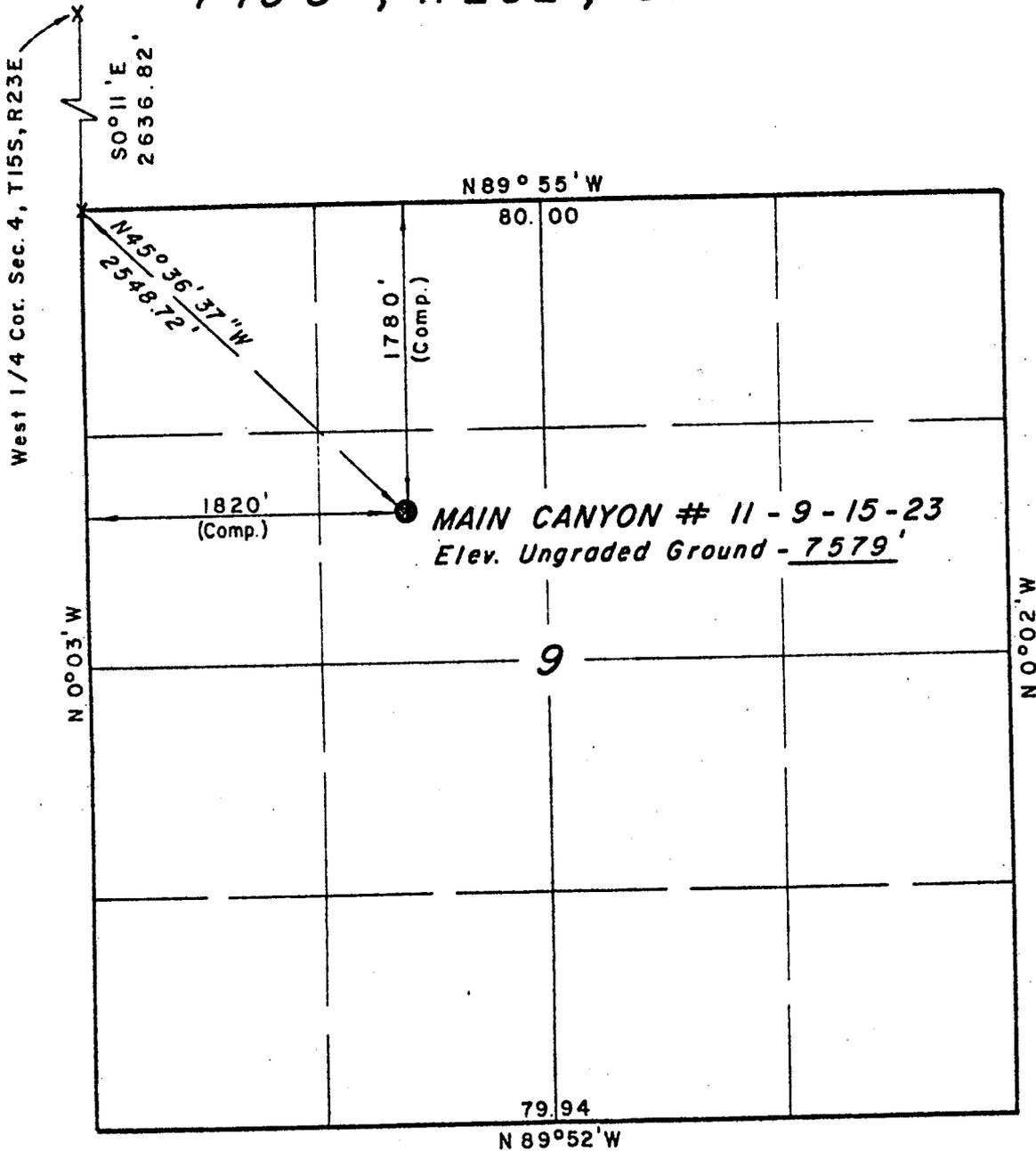
Date

Conditions of approval, if any:

T 15 S , R 23 E , S. L. B. & M.

PROJECT
COSEKA RESOURCES U.S.A. LTD.

Well location, *MAIN CANYON # 11-9-15-23*,
 located as shown in the SE 1/4 NW 1/4
 Section 9, T15S, R23E, 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.

James Stewart
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	6 / 13 / 79
PARTY	RK JK RP	REFERENCES	GLO Plat
WEATHER	Clear / Hot	FILE	COSEKA

X = Section Corners Located

Well No. 11-9-15-23
 Sec. 9-T15S-R23E
 Uintah County, Utah

GEOLOGICAL PROGNOSIS

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Surface		7580 (Topo)
Mancos Fm.	4420	+3160
Castlegate SS	4515	+3065
Mancos "B" (Emery)	5282	+2298
Base Mancos "B"	5980 Bse	+1600
Dakota	8320	- 740
Morrison	8455	- 875
Entrada	9063	-1483

Planned T.D. 9013 feet to test the Dakota
 and Morrison formations with drilling to stop
 at first indicated commercial gas flow below
 the top of the Dakota.

(Location Subject to Survey Correction)

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. 11-8361
Operator Coseka Resources Ltd. Well No. 11-9-15-23
Location 1780' FNL & 1820' FWL Sec. 9 T. 15S R. 23E
County Uintah State Utah Field Wildcat
Status: Surface Ownership Public Minerals Federal
Joint Field Inspection Date July 25, 1979

Participants and Organizations:

_____	_____
_____	_____
<u>Greg Darlington</u>	<u>USGS - Vernal</u>
<u>Ron Rogers</u>	<u>BLM -Vernal</u>
<u>Tom Graham</u>	<u>Coseka Resources</u>
<u>Dallas Galley</u>	<u>D. E. Casada Construction</u>
_____	_____
_____	_____

Related Environmental Analyses and References:

- (1) Unit Resource Analysis, Seep Ridge Planning Unit, BLM, Vernal, Utah
- (2)

Analysis Prepared by:
Greg Darlington
Environmental Scientist
Vernal, Utah

Reviewed by:
George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: July 27, 1979

*Pod 250 x 400
Pit 50 x 200
1/10 mi 20' wide. upgrade 2000'
Flow line not in d.
Pit strip in soil
Stoc...
2 5/10 ac
Mitigation
3) a-d
Pg 6*

Noted - G. Diwachak

Proposed Action:

On June 20, 1979, Coseka Resources filed an Application for Permit to Drill the No. 11-9-15-23 exploratory well, a 9013-foot oil and gas test of the Morrison and Dakota formations; located at an elevation of 7579 ft. in the SE/4 NW/4 Section 9, T 15S, R 23E on Federal mineral lands and Public surface; lease No. U-8361. There was no objection raised to the well 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 Preventor 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 Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM, the controlling surface agency. Rehabilitations 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 250 ft. wide x 400 ft. long and a reserve pit 50 ft x 200 ft. An existing road would be upgraded to 20 feet wide by 0.8 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 30 days.

For ancillary facilities an airstrip about 2½ miles south of this wellsite will be used for hauling crews into and out of the location. This airstrip is located in Sections 21 and 22 of Township 15 South Range 23 East and will be used for many nearby wells. The airstrip is adjacent to Seep Ridge Road which would be used to permit access to the location.

Location and Natural Setting:

The proposed drill site is approximately 47.2 miles Southeast of Ouray, Utah, the nearest town. A road runs to the location. This well is a wildcat well. FAIR

Topography:

This location is on a relatively narrow ridge in a mountain forest of pinyon, pines and juniper.

Geology:

The surface geology is Green River Formation of the Middle Eocene Age. The soil is a sandy clay with mixed shale and sandstone gravels. 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 hydro-carbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would 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 in to 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. The operator plans to use air as a circulating medium which would reduce the potential for 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 and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinyon-juniper association is also present.

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 proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2.5 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding 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 rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial 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 8".

Winds are medium 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:

The location drains into Main Canyon then into Willow Creek. Willow Creek flows to the Green River.

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 comingling 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 basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. 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:

There are considerable pinyon, pine, juniper and mountain-bush-shrub types present at the site. Salt desert shrub types ^{are} nearby.

Proposed action would remove about 2.5 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:

The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, 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.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

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 a historic artifact, an archaeological 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 or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would 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 pre-drilling levels.

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

The economic effect on 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 possible national economics 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 to USGS'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.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Seep Ridge Planning Unit. 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 E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

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

Alternative 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 USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and 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 and 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.

(3) Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a. A trash cage will be used instead of a trash pit and all solid wastes generated at the site will be hauled away at the completion of the drilling.
- b. Topsoil will be stockpiled at the North side of the pad.
- c. The reserve pits shall be approximately 50' x 200' and narrowed and elongated as needed to mitigate a relatively steep slope to the West of the pad.
- d. Timber on the pad location will be handled according to BLM guidelines or in a manner approved by the BLM.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 2.5 acres of land surface for 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

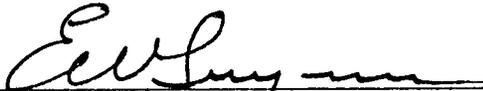
pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface 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 Willow Creek. The potential for pollution to the Willow Creek would exist through leaks and spills.

Determination:

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

Date

8/29/79


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

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM : DISTRICT GEOLOGIST IE, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-8361

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

WELL NO. 11-9-15-23

LOCATION: 1/4 SE 1/4 NW 1/4 sec. 9, T. 15 S., R. 23 E., SLM

Uintah County, Utah

1. Stratigraphy: Operator projected tops appear reasonable. However, USGS Map I-736 with structure contours on the base of the Dakota indicates that this horizon will be somewhat deeper than the operator predicts.

2. Fresh Water: Possible usable water in strata above the Mancos shale. Water occurrences in bedrock not expected to be significant.

3. Leasable Minerals:
Possible coal in the Mesaverde, and possible bituminous sands in the Douglas Creek Member of the Green River Fm.

4. Additional Logs Needed: Logging program proposed in the APD should be adequate.

5. Potential Geologic Hazards: None anticipated.

6. References and Remarks: Within 1/4 mile of unnamed KGS.
REF: USGS Files, Salt Lake City, Utah, USGS Map I-736

Signature: James F. Keller

Date: 07 - 24 - 79

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: September 4, 1979

Operator: Coseka Resources Limited

Well No: Main Canyon Federal 11-9-15-23

Location: Sec. 9 T. 15S R. 23E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30016

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: need BOP specs. Amt
congr.

Remarks:

Director: C.B. Knight / KA

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 _____ Unit

Other:

See Unit
plotted

Letter Written/Approved

utm



COSEKA RESOURCES (U.S.A.) LIMITED

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

September 6, 1979

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

Re: Main Canyon #11-9-15-23
Section 9-T15S-R23E
Uintah Co., Utah

Gentlemen:

Enclosed, in triplicate, is the Application for Permit to Drill for the above referenced well along with Survey Plat and Geological Prognosis.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda Groghan

Brenda Groghan
Production Secretary

/bg



September 18, 1979

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

Re: Well No. Main Canyon Unit 11-9-15-23, Sec. 9, T.15S, R.23E., Uintah County, Utah
Well No. Main Canyon Unit 4-15-15-23, Sec. 15, T.15S, R.23E., Uintah County, Utah
Well No. Main Canyon Unit 13-15-15-23, Sec.15, T.15S, R.23E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells are 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 these wells, you are hereby requested to immediately notify one of the following:

MICHAEL T. MINDER
Geological Engineer
Office: 533-5771
Home: 876-3001

FRANK.M. HAMNER
Chief Petroleum Engineer
Office: 533-5771
Home: 531-7827

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 numbers be identified.

The API numbers assigned to these wells are: Well #11-9-15-23 - 43-047-30616; Well #4-15-15-23 - 43-047-30617; Well #13-15-15-23 - 43-047-30618.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Geological Engineer

/btm

cc: USGS

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Coseka Resources

WELL NAME: Main Canyon Unit 11-9-15-23

SECTION 9 SE NW TOWNSHIP 15S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Colorado Wells Service

RIG # 120

SPUDDED: DATE Sept 19, 1979

TIME 10:30 p.m.

HOW rotary

DRILLING WILL COMMENCE presently

REPORTED BY John Odum

TELEPHONE # 303-573-6178

DATE September 19, 1979

SIGNED M. G. Menden

cc: USGS

plotted

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other Instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

MAIN CANYON

8. FARM OR LEASE NAME

Federal

9. WELL NO.

11-9-15-23

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

SE 1/4 NW 1/4

Sec 9 T15S R23E

12. COUNTY OR PARISH 13. STATE

Uintah

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 (USA) Limited

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

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

1780' FNL, 1820' FWL, Section 9, T15S, R23E SLB & M,
Uintah County, Utah

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)
7579' 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 checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	<input type="checkbox"/>

SUBSEQUENT REPORT OF:

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

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

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

The 8-5/8" Intermediate casing depth will be changed from the 5900' previously approved to 4900'. This will raise the intermediate casing from below the Mancos B to above the Mancos B to allow drilling the Mancos B with air and avoiding formation damage.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: Oct. 9, 1979

BY: Frank W. Vannoy

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

SIGNED Donald R Dunckley TITLE Area Drilling Engineer DATE 9/21/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

1888 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 833-5771

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
10, 19 79

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							Reached T.D. of 8520' on 10/20/79 Waiting on completion unit

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1889 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
11, 1979

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>RV completion unit</i>

GAS: (MCF)

Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1888 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
12, 19 79

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Fracture treated perfs 8276-8284' 8301-8306'</i>

GAS: (MCF)

Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
833-8771

State Lease No. _____
Federal Lease No. U-8361
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of: 1, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
Signed Brenda Groghan *Brenda Groghan*
Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Rig down & release rig.</i>

GAS: (MCF)

Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1558 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
2, 1980

Agent's Address 718-17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**



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
March 7, 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
718 17th St.
Suite 630
Denver, Colorado 80202

Re: See enclosed sheet for wells
and months due.

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK TYPIST

- (1) Well No. Bitter Creek #1
Sec. 12, T. 14S, R. 24E.
Uintaah County, Utah
November 1978-February 1980
- (2) Well No. Crooked Canyon Unit #13
Sec. 17, T. 14S, R. 23E.
Uintah County, Utah
November 1979-February 1980
- (3) Well No. Fed. #3-11-15-21
Sec. 11, T. 15S, R. 21E.
Uintah County, Utah
November 1979-February 1980
- (4) Well No. Main Canyon Fed. 4-15-15-23
Sec. 15, T. 15S, R. 23E.
Uintah County, Utah
October 1979-February 1980
- (5) **Well No. Main Canyon Fed. 11-9-15-23**
Sec. 9, T. 15S, R. 23E.
Uintah County, Utah
November 1979-February 1980
- (6) Well No. Main Canyon Fed. 13-15-15-23
Sec. 15, T. 15S, R. 23E.
Uintah County, Utah
November 1979-February 1980

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 833-8771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
3, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1688 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
833-8771

State Lease No. _____
Federal Lease No. U-8361
Indian Lease No. _____
Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
4, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
Signed Brenda Groghan *Brenda Groghan*
Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
Sold _____
Flared/Vented _____
Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
On hand at beginning of month _____
Produced during month _____
Sold during month _____
Unavoidably lost _____
Reason: _____
On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. THIS REPORT MUST BE FILED

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1888 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-8771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
5, 1980

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							Shut in.

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1555 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
6, 1980

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in.</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-8771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
7, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1888 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
8, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1568 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84118
 833-8771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
9, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	11-9							<i>Shut in</i>

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 833-5771

State Lease No. _____
 Federal Lease No. U-8361
 Indian Lease No. _____
 Fee & Pat. _____

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Main Canyon

The following is a correct report of operations and production (including drilling and producing wells) for the month of: 10, 19 80

Agent's Address 718 17th St. #630
Denver, CO 80202
 Phone No. 303/573-6178

Company Coseka Resources (U.S.A.) Limited
 Signed Brenda Groghan *Brenda Groghan*
 Title Production Secretary

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
9 SE NW	15S	23E	119							<i>Shut in</i>

*called 11-17-80
 should be sending a well
 completion report this week.*

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED**

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

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
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)*
At surface -
1780' FNL & 1820' FWL Sec. 9-T15S-R23E, Uintah Co., Utah
At top prod. interval reported below

5. LEASE DESIGNATION AND SERIAL NO.
U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-9-15-23

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE NW
Sec. 9-T15S-R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO/API# 43-047-30616 DATE ISSUED 9/18/80

15. DATE SPUNDED 9/19/79 16. DATE T.D. REACHED 10/20/79 17. DATE COMPL. (Ready to prod.) 3/10/80 18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 7579' Ungr. 19. ELEV. CASINGHEAD 7596.2' KB

20. TOTAL DEPTH, MD & TVD 8520' 21. PLUG, BACK T.D., MD & TVD 8493' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS Yes CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota: Top-8252'
Bottom-8435'

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-GR, DIL-GR, TEMP, SNI-GR

27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	225'	17 1/2"	220 SXS	-
8 5/8"	32#	4902'	11"	300 SXS	-
5 1/2"	20#	8542.57'	7 7/8"	490 SXS	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8442'	8393'

31. PERFORATION RECORD (Interval, size and number)

Perforated w/4" HSC .51" holes as follows:
8276-84' 8 holes; 8301-06' 5 holes;
8420-35' 15 holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8276-8435'	Acidize w/3000 gal of acid & methanol
8276-8435'	Frac w/104,000 gal of Foam & 90,500# 20/40 sd.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
SI	Flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/8/80	6	3/4"	→	0	37.5	1.5	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150	400	→	0	150	6.0	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Vented

TEST WITNESSED BY
Boyd Snow

35. LIST OF ATTACHMENTS
Logs under separate cover.

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

SIGNED S. I. Wilkinson TITLE Operations Manager DATE 11/13/80

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

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			
Nonnatural porous zones. Reservoir had to be frac'd.			
38. GEOLOGIC MARKERS			
	MEAS. DEPTH	TOP	
Mancos Castlegate Mancos B Dakota	4048 4462 5228 8252		
	TRUE VEET. DEPTH		



UTAH
NATURAL RESOURCE
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• COSEKA RESOURCES USA LTD
SUITE 300 1512 LARIMER ST
DENVER CO 80202 1602
ATTN: DAVID JOHNSON

Utah Account No. N0280

Report Period (Month/Year) 6 / 88

Amended Report

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
PINE SPRING UNIT #1					
4304730284 00595 14S 22E 15	DKTA				
PINE VIEW FED 1-10-14-22					
4304731365 07105 14S 22E 10	WSTC				
MAIN CYN 14-16-15-23					
4304730394 08045 15S 23E 16	DKTA				
MAIN CYN 11-9-15-23					
4304730616 08045 15S 23E 9	DKTA				
MAIN CYN 13-15-15-23					
4304730618 08045 15S 23E 15	DKTA				
MAIN CYN 11-10-15-23					
4304730639 08045 15S 23E 10	DK-BK				
MAIN CYN 15-8-15-23					
4304730674 08045 15S 23E 8	DKTA				
MAIN CYN 2-8-15-23					
4304730735 08045 15S 23E 8	DKTA				
MAIN CYN 7-17-15-23					
4304730736 08045 15S 23E 17	DKTA				
MAIN CYN 8-7-15-32					
4304730977 08045 15S 23E 7	DKTA				
MAIN CYN 4-4-15-23					
4304731043 08045 15S 23E 4	DKTA				
MAIN CYN 8-8-15-23					
4304731044 08045 15S 23E 8	MNCS				
MAIN CYN 9-3-15-23					
4304731070 08045 15S 23E 3	DKTA				
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



COSEKA RESOURCES (U.S.A.) LIMITED

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

RECEIVED
JUL 1 1988

DIVISION OF
OIL, GAS & MINING

June 27, 1988

On June 30, 1988, Coseka Resources (U.S.A.) Limited will be merged with and change its name to Arch Oil & Gas Company. The address for the organization will be unchanged at 300 Writer Square Building, 1512 Larimer, Suite 300, Denver, Colorado 80202-1602. The telephone number will also remain the same at (303) 573-6178.

While there should be no change in your communications with us, it is our hope that this change in name reflects the resolution of the past bankruptcy and the new and positive direction for the company. We look forward to working with you in the future as Arch Oil & Gas Company.

Thank you for your interest and if you have any questions, please contact us.

Sincerely,

Coseka Resources (U.S.A.) Limited

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-1-35
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO. U-8363

SUNDRY NOTICES AND REPORTS

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

RECEIVED
OCT 03 1988

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	1. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Arch Oil & Gas Company	2. UNIT AGREEMENT NAME Main Canyon
3. ADDRESS OF OPERATOR 1512 Larimer St., Suite 300, Denver, CO 80202	3. FARM OR LEASE NAME Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1780' FNL & 1802' FWL, Sec. 9, T15S, R23E	4. WELL NO. 11-9-15S-23E
14. PERMIT NO. 43-047-30616	10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether of, FT. OR, etc.) 7579' GR	11. SEC. T., S., W., OR BLK. AND SURVEY OR AREA Sec. 9, T15S, R23E
	12. COUNTY OR PARISH Utah
	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Well Data: See attached diagram

Proposed Procedures

1. Spot cement plug 8176'-8485', 309' across Dakota perms 8276'-8435'.
2. Load hole with 8.6 ppg fluid.
3. Cut and pull 5 1/2" casing at free point.
4. Spot 100' cement plug across 5 1/2" casing stub.
5. Spot 100' cement plug 4852'-4952' across 8 5/8" casing shoe at 4902'.
6. Cut and pull 8 5/8" casing at free point.
7. Spot 100' cement plug across 8 5/8" casing stub.
8. Spot cement plug 175'-275' across 13 3/8" casing shoe at 225'.
9. Set 30' cement plug at surface.
10. Erect dry hole marker.

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

SIGNED Tammy K. TITLE Operations Manager DATE 9/28/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

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

DATE: 10-6-88

BY: John R. Gys

*See Instructions on Reverse Side



COSEKA RESOURCES (U.S.A.) LIMITED

200 Writter Square, 1512 Larimer Street, Denver, CO 80202-1602

WELL NAME MAIN CANYON #1-9-1523 LEASE NO. 11-8363
LOCATION: SE1/4 1780' FA, N20' PL S 9 T 155 R 23E
FIELD PLC COUNTY WINTHROP STATE UTAH
FORMATION DAKOTA

KB _____

GR 7579

CASING & TUBING RECORD

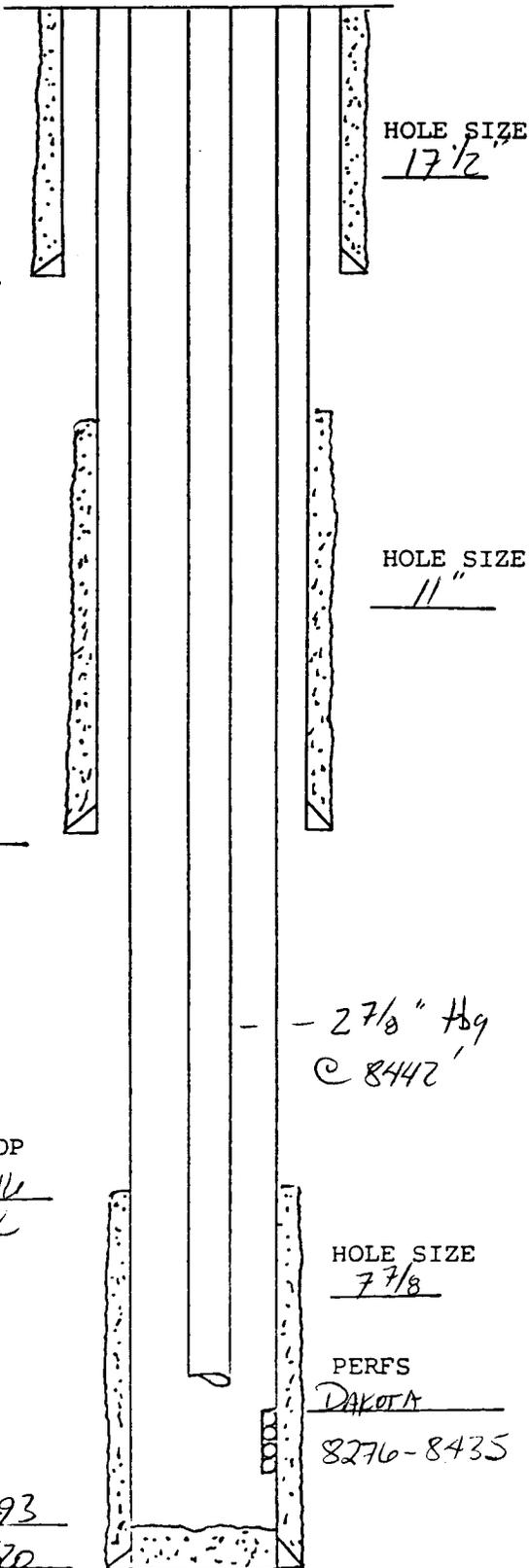
CSG	WT	GRD	CPLG	DEPTH	CEMENT
13 3/8	48			225	220 SX
8 5/8	32	S-80 K-55	ST&C	4902	300 SX
5 1/2	20	N-80	LT&C	8543	490 SX
2 7/8	6.5	J-55		8442	

PERFORATION RECORD

INTERVAL	DENSITY/HOLES	STATUS
8276-8435	28 .51"	Open

STIMULATION RECORD

INTERVAL	FLUID-TYPE, VOL, SAND
8276-8435	3000 gal acid + methanol
8276-8435	Foam free 104,000 gal + 90,500 #



REMARKS:

RIPPY, INC.

P. O. Box 66
Grand Junction, CO 81502
Phone (303) 243-4591

Date 11/17/88

CEMENTING AFFIDAVIT PULLING & PLUGGING REPORT

Company Arch Oil & Gas
Lease main Canyon Federal Well No. 11-9-15-23
Section 9 Township 15 S Range 23 E Unit _____ County Uintah Utah
3204 Ft. of 5 1/2 Casing Recovered
620 Ft. of 8 5/8 Casing Recovered

PLUGS SET

- | | | | | | | | |
|----|-----------|-------------------|----------------|-----|----|-------------|------------------------|
| 1. | <u>33</u> | Sax Cement Set At | <u>8485</u> | Ft. | To | <u>8176</u> | <u>Tag 8100</u>
Ft. |
| 2. | <u>50</u> | Sax Cement Set At | <u>3270</u> | Ft. | To | <u>3120</u> | <u>Tag</u>
Ft. |
| 3. | <u>26</u> | Sax Cement Set At | <u>1500</u> | Ft. | To | <u>1400</u> | Ft. |
| 4. | <u>42</u> | Sax Cement Set At | <u>670</u> | Ft. | To | <u>570</u> | Ft. |
| 5. | <u>78</u> | Sax Cement Set At | <u>275</u> | Ft. | To | <u>175</u> | Ft. |
| 6. | <u>23</u> | Sax Cement Set At | <u>Surface</u> | Ft. | To | _____ | Ft. |
| 7. | _____ | Sax Cement Set At | _____ | Ft. | To | _____ | Ft. |
| 8. | _____ | Sax Cement Set At | _____ | Ft. | To | _____ | Ft. |

Other 8.6 # fluid was circulated between plugs.
Location cleaned & regulation marker created

RECEIVED
DEC 30 1988
ARCH OIL & GAS

RIPPY, INC.
Signed w. J. Rippy, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

6

5. LEASE DESIGNATION AND SERIAL NO.

U-8363
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS
(Do not use this form for proposals to drill or to deepen, or to plug, or to otherwise modify, a well.
Use "APPLICATION FOR PERMIT TO DRILL OR TO DEEPEN A WELL" or "APPLICATION FOR PERMIT TO PLUG A WELL".)

RECEIVED
JAN 06 1989

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

Main Canyon
8. FARM OR LEASE NAME

2. NAME OF OPERATOR

Arch Oil & Gas Company

DIVISION OF

Federal

3. ADDRESS OF OPERATOR

OIL, GAS & MINING

9. WELL NO.

11-9-15S-23E

1512 Larimer St., Suite 300, Denver, CO 80202

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

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

1780' FNL & 1802' FWL, Sec. 9, T15S, R23E

Sec. 9, T15S, R23E

14. PERMIT NO.

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

12. COUNTY OR PARISH

13. STATE

43-047-30616

7579' GR

Uintah

Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Executed Plugging Procedure

(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.)

Well Plugged & Abandoned 11/17/88 as follows:

1. Plug #1 33 sx 8485' to 8100'. Tagged plug.
2. Cut and pulled 5 1/2" casing at 3204'.
3. Plug #2 50 sx 3270' to 3120'. Tagged plug.
4. Plug #3 26 sx 1500' to 1400'.
5. Cut and pulled 8 5/8" casing at 620'.
6. Plug #4 42 sx 670' to 570'.
7. Plug #5 78 sx 275' to 175'.
8. Plug #6 23 sx at surface.
9. 8.6 ppg fluid circulated between plugs.
10. Dry hole marker erected.

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

SIGNED

TITLE

Operations Manager

DATE

01/04/89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS MANNER
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.
U-8361

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 a well to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
JAN 08 1990

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Arch Oil & Gas Company

3. ADDRESS OF OPERATOR
1512 Larimer St., Suite 300, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1780' FNL & 1802' FWL, Sec. 9, T15S, R23E

5. PERMIT NO.
43-047-30616

6. ELEVATIONS (Show whether DF, RT, GR, etc.)
7579' GR

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
11-9-15S-23E

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 9, T15S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Final Notice of Abandonment <input checked="" 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.)*

The subject well has been permanently plugged and abandoned and all surface disturbances have been restored and vegetation re-established.

OIL AND GAS	
DRN	
JRS	GLI
DTS	SLS
1-TAS	
2. MICROFILM	<input checked="" type="checkbox"/>
3. FILE	<input checked="" type="checkbox"/>

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

SIGNED Terry J. Cox TITLE Operations Manager DATE 01/05/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side