

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1,974' FNL, 580' FEL, Section 3, T15S, R23E
 At proposed prod. zone
 Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 580'
 16. NO. OF ACRES IN LEASE 2,560.72

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8,977
 17. NO. OF ACRES ASSIGNED TO THIS WELL 320

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7,542 Ungr.
 20. ROTARY OR CABLE TOOLS Rotary
 22. APPROX. DATE WORK WILL START* August 1, 1981

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36#	200'	To Surface
8 3/4"	7"	23#	4,900'	500' Above Pay
6 1/4"	4 1/2"	11.6#	TD	500' Above Pay

Attachments:

- Exhibit "A" - Ten Point Compliance Program
- Exhibit "B" - B.O.P. Schematic
- Exhibit "C" - Proposed Production Layout
- Certified Survey Plat
- 13 Point Surface Land 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 Gary Roberts TITLE Field Services Administrator DATE JUNE 18, 1981
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. J. Martin FOR E. W. GUYNN DATE AUG 14 1981
 TITLE DISTRICT OIL & GAS SUPERVISOR
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

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

State of CO



United States Department of the Interior

IN REPLY REFER TO

T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

July 20, 1981

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



Re: Coseka Resources Limited
4-31-13-26 Sec 31, T13S R26E
6-8-15-23 Sec 8, T15S R23E
6-3-15-23 Sec 3, T15S R23E
16-4-15-23 Sec 4, T15S R23E
9-3-15-23 Sec 3, T15S R23E

Dear Sir:

A joint field examination was made on July 15, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.
3. The BLM will be notified at least 24 hours prior to any construction.
4. 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.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



6. PR Spring may not be used as a water source.
7. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil.
8. It was agreed upon to by all parties present that the applied for dimensions are adequate to handle all drilling and fracturing operations.
9. The reserve pits will be fenced on three sides prior to drilling and on the fourth immediately after the drilling rig is removed.

Site Specific
4-31-13-26

1. The pad was rotated 180°. The top 6 inches of topsoil will be stockpiled between reference corners #1 and #8.

6-8-15-23, 9-3-15-23

1. The top 6-8 inches of topsoil will be stockpiled on the east side of the pad.

6-3-15-23

1. The top 6-8 inches of topsoil will be stockpiled on the west side of the pad.

16-4-15-23

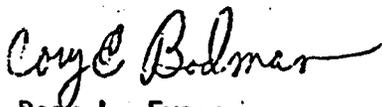
1. The pad was rotated 180°. The top 6-8 inches of topsoil will be stockpiled on the west side of the pad.

An archaeological clearance was done by Gordon and Kranzush Company. No cultural resources were found.

The proposed activities do not jeopardize listed, threatened or endangered flora/fauna of their habitats as long as the above stipulations are adhered to.

The BLM representative will be Cory Bodman, 789-1362, office, 789-6983, home.

Sincerely,


for Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc:
USGS, Vernal

Identification CER/EA No. 580-81

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Coseka Resources
Project Type Gas Well
Project Location 612' FWL 1934' FNL Section 8, T. 15S, R. 24E
Well No. 12-8-15-24 Lease No. U-2836
Date Project Submitted August 14, 1981

FIELD INSPECTION Date September 2, 1981

Field Inspection Participants

<u>Greg Darlington</u>	<u>USGS, Vernal</u>
<u>Cory Bodman</u>	<u>BLM, Vernal</u>
<u>Gary Roberts</u>	<u>Coseka Resources</u>
<u>Bob Godfrey</u>	<u>Coseka Resources</u>
<u>Forrest Bird</u>	<u>Galley Construction</u>
<u>Pilot</u>	<u>Redstone Helicopters</u>

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

September 9, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

SEP 10 1981
Date

W. M. Mauter FOR **E. W. GUYNN**
District Supervisor DISTRICT ENGINEER

Typing In 9-3-81 Typing Out 9-3-81

PROPOSED ACTIONS:

Coseka Resources plans to drill the Black Horse Canyon 12-8-15-24 well, a 6100' gas test of the Mancos "B" formation. About 1.4 miles of existing trail will be upgraded for an access road. An area of operations 215' by 350' is planned for the location and would include the pad and reserve pits. The pits would be long and narrow 40' by 350' rather than 150' by 150' as indicated in the APD.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: September 2, 1981

Well No.: Black Horse Canyon 12-8-15-24

Lease No.: U-2836

Approve Location: ✓ with modified pad

Approve Access Road: ✓

Modify Location or Access Road: Change dimensions of reserve pits to 40' by 350' Extend North side of pad by 50' to be 175' on each side of the well.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Found location by topo map. All the original stakes were knocked down Cocha hadn't had them reset. Topsoil on the South of pad was the access entrance. This location was previously approved July 25, 1979
6 100' TD Marcos test. BLM estliguard required in 1979 will be required in 1981 although it wasn't mentioned on our onsite 9/2/81 Coy brought it up 9/3/81.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 16 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	September 2 1981	Original note July 3, 1979
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



South View
Coseka 12-8-15-24

9/2



North View
Coseka 12-8-15-24

9/2



United States Department of the Interior

IN REPLY REFER TO

T & R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

September 4, 1981

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

Re: Coseka Resources
Well #12-8-15-24
Sec 8, T15S, R24E
Uintah County, Utah

Dear Sir:

A joint field examination was made on September 2, 1981, of the above referenced well site location and proposed access road. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration."
2. Traveling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.
3. The BLM will be notified a least 24 hours prior to any construction.
4. 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.
5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed



seeding or restoration requirements.

7. PR Spring may not be used as a water source.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil.
9. The length of the pad between the drill hole and reference corner #3 was changed from 125 feet to 175 feet.
10. The top 6-8 inches of topsoil will be stockpiled between reference corner #7 and #8.
11. The reserve pit dimensions were changed to 40 feet by 350 feet.
12. The South Canyon road will be watered to keep the dust settled if the company uses this road to haul water to the drill site.
13. A cattleguard will be required on Saddle Horse Ridge to gain access to Blackhorse Canyon Unit #4. The fence will be cut and the existing gate in the fence will be replaced with a cattleguard. It's width and loading factor will be large enough to facilitate the heavy trucks required in the drilling and production of the wells. A new gate shall be installed at one end of the cattleguard. Cattleguard installation shall meet the specifications as outlined in the booklet, "Surface Operating Standards for Oil & Gas Exploration and Development."
14. 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 Engineer, Geological Survey, with the concurrence of the District Manager, Bureau of Land Management.

An archaeological clearance has been conducted by Gordon & Kranzush Inc., of the proposed drill site and proposed access road. No cultural materials were located on the surface of the surveyed areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
TAIGA ENERGY, Inc. #4	1934'FWL & 610'FWL (SW $\frac{1}{4}$ NW $\frac{1}{4}$) SEC. 8, T.15S, R.24E, SLM Uintah County Utah	U-2836
Gr. EL. 7603'		
1. Stratigraphy and Potential Oil and Gas Horizons.		
<p>The surface rocks are Green River (Douglas Creek member). The massive "B" sand and the Dakota Formation may contain gas. Great Basin Petroleum REA #1 (Gr. EL. 7839') section 17, same Township, reported the following tops: Wasatch - 1262', Mesaverde - 3487', massive - 4346', massive "B" - 5208', Dakota - 8398'.</p>		
2. Fresh Water Sands.		
<p>Fresh water sands may occur in the Green River Formation.</p>		
3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)		
<p>Location falls within boundary of lands considered valuable prospectively for coal in the Mesaverde. Coals in present well occur at depths in excess of 3000 ± ft.</p>		
4. Possible Lost Circulation Zones.		
<p>Unknown</p>		
5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.		
<p>Protect any fresh water aquifers penetrated.</p>		
6. Possible Abnormal Pressure Zones and Temperature Gradients.		
<p>None anticipated by operator.</p>		
7. Competency of Beds at Proposed Casing Setting Points.		
<p>Probably adequate.</p>		
8. Additional Logs or Samples Needed.		
<p> sonic and density logs through Mesaverde to delineate coals. Base of Mesaverde is estimated at 4170 ± ft. thickness of Mesaverde estimated</p>		
9. References and Remarks		
<p>Outside of KGS.</p>		
<p>U.S.G.S. Prod. Paper 548</p>		
Date:	7/11/78	Signed: REG.



COSEKA RESOURCES (U.S.A.) LIMITED

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

August 28, 1981

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

Re: Main Canyon
9-3-15-23
Sec. 3-15S-23E
Uintah County, Utah

Gentlemen:

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

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures

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

7. Unit Agreement Name

Main Canyon

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

Coseka Resource (U.S.A.) Limited

9. Well No.

9-3-15-23

3. Address of Operator

718 17th Street, Suite 630 Denver, Colorado 80202

10. Field and Pool, or Wildcat

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

At surface

1974' FNL, 580' FEL, Sec. 3-15S-23E

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

Sec. 3-15S-23E

At proposed prod. zone

same

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

45 miles SE of Ouray, Utah

12. County or Parrish

Uintah

13. State

Utah

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

580'

16. No. of acres in lease

2560.72

17. No. of acres assigned to this well

320

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

19. Proposed depth

8977

20. Rotary or cable tools

Rotary

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

7542' ungr.

22. Approx. date work will start*

October 1, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	9 5/8	36	200	To surface
8 3/4	7	23	4900	200 sxs
6 1/4	4 1/2	11.6	8977	300 sxs

Coseka has ownership in the acreage within a 1320' radius of the 9-3-15-23 well and is also operator of the Black Horse Canyon unit.

BOP equipment will consist of Dual Rams and a Hydril. All equipment will be series 900. Good oilfield practices will be used in the drilling of this well.

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

Dean A. Rogers

Title Senior Operations Engineer

Date 8-28-81

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Conditions of approval, if any:

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

DATE: 9/14/81

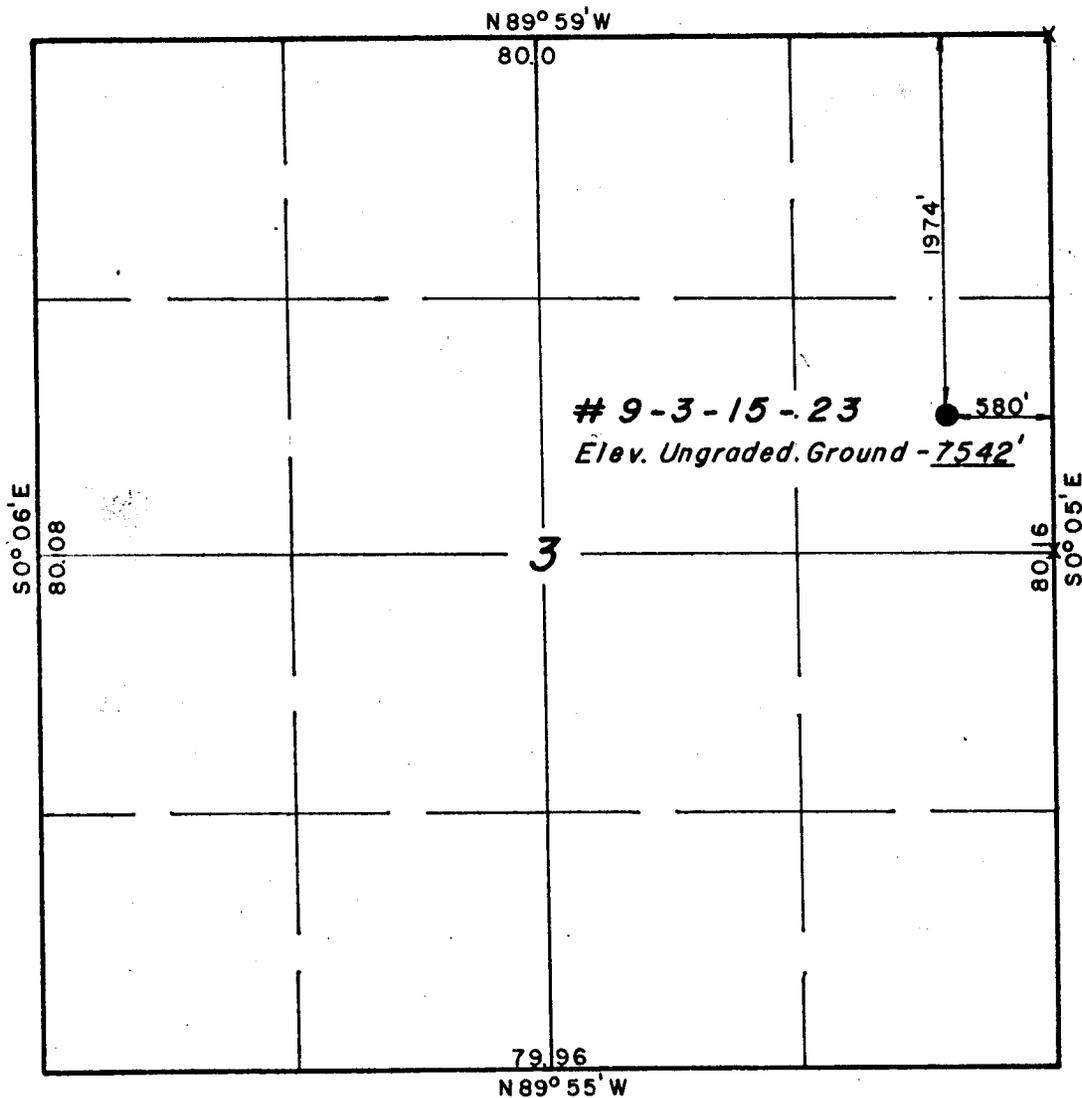
BY: [Signature]

T15S, R23E, S.L.B.&M.

PROJECT

COSEKA RESOURCES USA LTD

Well location, # 9-3-15-23, located
as shown in the SE1/4 NE1/4 Section 3,
T15S, R23E, S.L.B.&M. Uintah County,
Utah



X = Section Corners Located



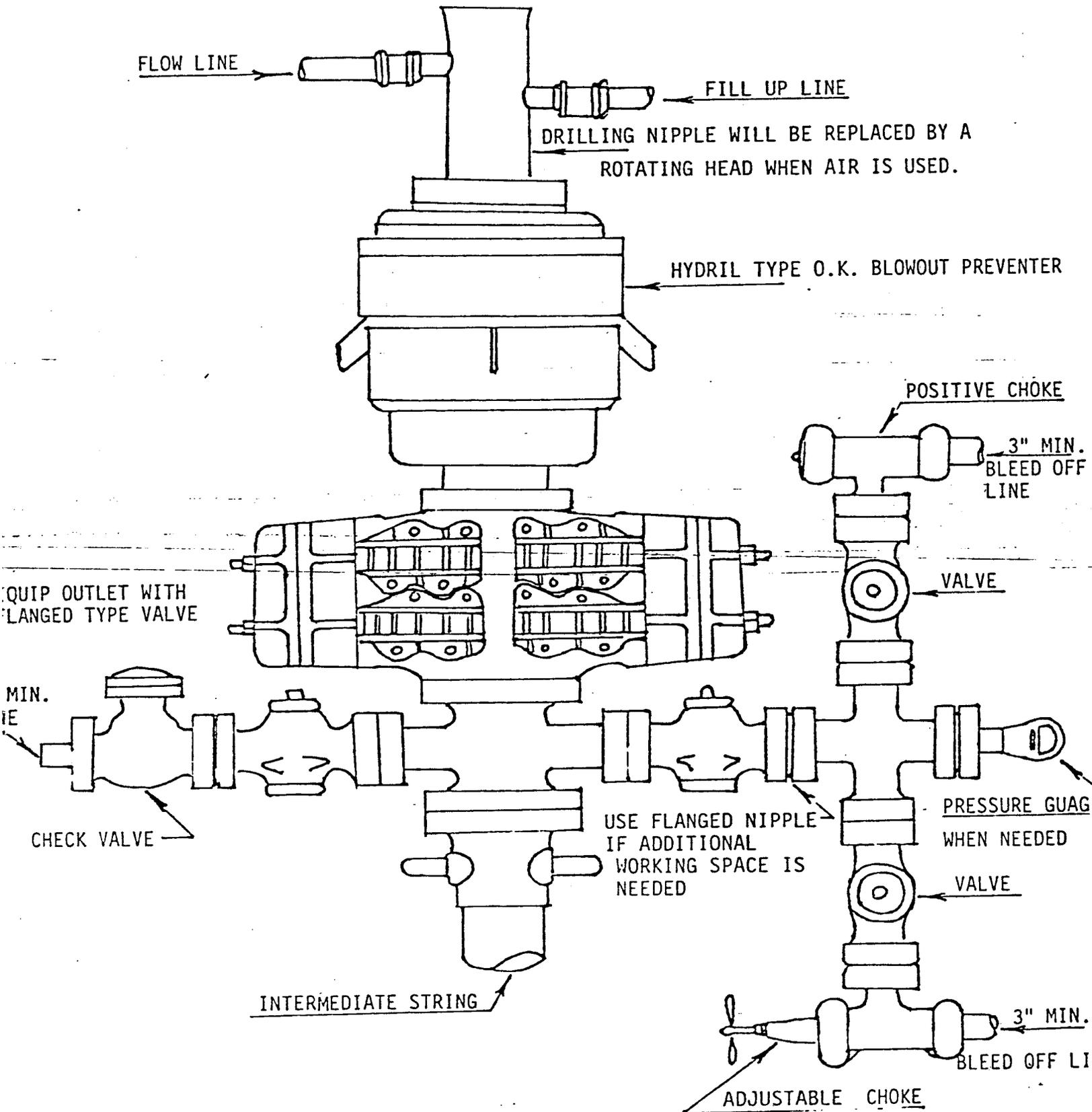
CERTIFICATE

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.

Aime 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	DATE
1" = 1000'	6/1/81
PARTY	REFERENCES
GS TJ BJ RDR	GLO PLAT
WEATHER	FILE
FAIR/ WARM	COSEKA RESOURCES USA LTD

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



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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Coseka Resources
Project Type Gas Well
Project Location 1974' FNL 580' FEL Section 3, T. 15S, R. 23E
Well No. 9-3-15-23 Lease No. U-8361
Date Project Submitted June 22, 1981

FIELD INSPECTION

Date July 15, 1981

Field Inspection
Participants

Craig Hansen	USGS, Vernal
Cory Bodman	BLM, Vernal
Stacy Stewart	Coseka Resources
Forrest Bird	Galley Construction

Related Environmental Documents: Unit Resource Analysis, Seep Ridge

Planning Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

July 30, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

AUG 03 1981
Date

W.P. Martin FOR E. W. GUYNN
District Supervisor DISTRICT ENGINEER

Typing In 7-30-81 Typing Out 7-30-81

PROPOSED ACTION:

Coseka Resources plans to drill the Main Canyon 9-3-15-23 well, an 8977' gas test of the Mancos "B" and Dakota Formations. About .3 miles of new access road will be required. An area of operations 240' by 350' is requested for the location and would include the reserve pits and a 25' fire safety buffer zone adjacent to the reserve pits. Eventual gas flowlines will follow the proposed access routes.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: July 15, 1981

Well No.: 9-3-15-23 Main Canyon

Lease No.: U-8361

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: 25' buffer around pits for fire protection

Flowlines follow the proposed access route. Tree strips #7 of BLM dips
stockpile trees separate from topsoil..

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Note modifications listed above

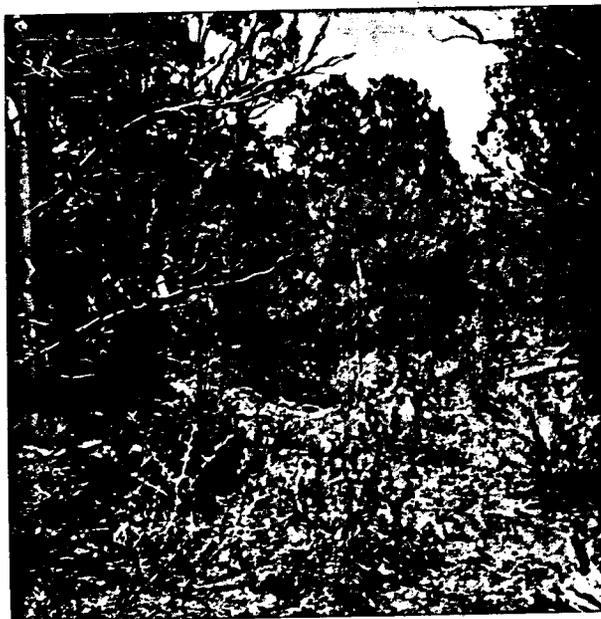
8977 TD. Dakota + Mancos B. - Gas Anticipated.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
16 DM 2.3.A									
Public health and safety							1, 2, 4, 6	July 15, 1981	
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



Coseka 9-3-15-23

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, 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. 9-3-15.23

LOCATION: 1/2 SE 1/2 NE 1/2 sec. 3, T. 15S., R. 23E., SLB 1/4 M

Uintah County, Utah

1. Stratigraphy: Green River - surface
 Wasatch - 1365'
 Mesaverde - 2125'
 Mancos - 4325'
 Castlegate - 4430'
 Mancos "B" - 5790'

Base of Mancos "B" - 5900'
 Dakota - 8220'
 Cedar Mtn. Morrison - 8415'
 TD 8977'

2. Fresh Water: Fresh water probable in sandstones in Green River, Wasatch and upper part of Mesaverde.

3. Leasable Minerals:

oil shale in Green River; mahogany eroded away at this location.
 Coal in lower 500' of Mesaverde
 Oil & gas in Dakota and Morrison

4. Additional Logs Needed: adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks: USGS Map I-736

Signature: James A. Smith

Date: 7-15-81

** FILE NOTATIONS **

DATE: September 14, 1981

OPERATOR: Cosoka Resources (U.S.A.) Ltd.

WELL NO: Main Canyon Unit #9-3-15-23

Location: Sec. 3 T. 15S R. 23E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-31070

CHECKED BY:

Petroleum Engineer: _____

Director: OK in Unit - offset Unit can drill same distance from tanking

Administrative Aide: Unit Well,

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

September 14, 1981

Coseka Resources (USA) Ltd.
718 17th St., STE. #630
Denver, Colo. 80202

RE: Well No. Main Canyon Unit #9-3-15-23,
Sec. 3, T. 15S, R. 23E,
Uintah County, Utah

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. However, any company drilling in the offset unit can drill the same distance from the unit boundary.

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

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

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-~~13070~~.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: HSGS

NOTICE OF SPUD

Costa

Caller: Johnny Knight

Phone: _____ 16 1981

Well Number: 9-3-15-28

Location: SE NE 3-15S-23E

County: Utah State: Utah

Lease Number: U-8361

Lease Expiration Date: _____

Unit Name (If Applicable): Main Canyon Unit

Date & Time Spudded: 9/11/81 12:30 A.M.

Dry Hole Spudder Rotary _____

Details of Spud (Hole, Casing, Cement, etc.) _____

Rotary Rig Name & Number: Zeco #8

Approximate Date Rotary Moves In: _____

FOLLOW WITH SUNDRY NOTICE

Call Received By: Vuli

Date: 9/15/81

PAID

DEPARTMENT OF OIL AND GAS DIVISION OF OIL AND GAS & MINING



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

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

September 14, 1981

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

Coseka Resources (USA) Ltd.
718 17th St., STE. #630
Denver, Colo. 80202

RE: Well No. Main Canyon Unit #9-3-15-23,
Sec. 3, T. 15S, R. 23E,
Uintah County, Utah

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. However, any company drilling in the offset unit can drill the same distance from the unit boundary.

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

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

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 43-047-31070.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Cleon B. Feight
Director

RECEIVED

OCT 19

DIVISION OF
OIL, GAS & MINING

CBF/db
CC: USGS

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

7. Unit Agreement Name

Main Canyon

8. Farm or Lease Name

9. Well No.

9-3-15-23

10. Field and Pool, or Wildcat

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

Sec. 3-15S-23E

12. County or Parrish 13. State

Uintah Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

1b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Coseka Resource (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

1974' FNL, 580' FEL, Sec. 3-15S-23E

At proposed prod. zone

same

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

45 miles SE of Ouray, Utah

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

580'

16. No. of acres in lease

2560.72

17. No. of acres assigned to this well

320

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

19. Proposed depth

8977

20. Rotary or cable tools

Rotary

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

7542' ungr.

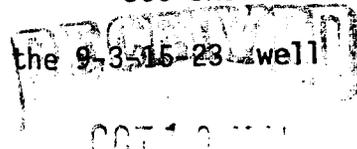
22. Approx. date work will start*

October 1, 1981

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	9 5/8	36	200	To surface
8 3/4	7	23	4900	200 sxs
6 1/4	4 1/2	11.6	8977	300 sxs

Coseka has ownership in the acreage within a 1320' radius of the 9-3-15-23 well and is also operator of the Black Horse Canyon unit.



DIVISION OF OIL, GAS & MINING

BOP equipment will consist of Dual Rams and a Hydril. All equipment will be series 900. Good oilfield practices will be used in the drilling of this well.

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: Dean Rogers
Dean A. Rogers

Title: Senior Operations Engineer Date: 8-28-81

(This space for Federal or State office use)

Permit No.

Approval Date

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

Approved by Conditions of approval, if any:

Title

DATE: 9/14/81

BY: [Signature]

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number MAIN CANYON 9-3-15-23
Operator COSEKA Address 200 Writter St, Denver 80202-1512 Larimer St, Denver 1602
Contractor VECO #8 Address Box 1705 Grand Jct, Colo 81501
Location SE 1/4 NE 1/4 Sec. 3 T: 155 R. 23E County UINTAH

Water Sands

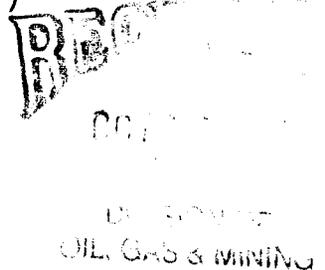
	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No Water Flows Noted.</u>			
2.	_____			
3.	_____			
4.	_____			
5.	_____			

(Continue of reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



P

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number MAIN CANYON 9-3-15-23
Operator COSEKA Address 200 Writter St, Denver 80202-1512 Larimer St, Denver 1602
Contractor VECO #8 Address Box 1705 Grand Jct, Colo 81501
Location SE 1/4 NE 1/4 Sec. 3 T: 155 R. 23E County UINTAH

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>		
1.	<u>No Water Flows Noted.</u>			
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.



COSEKA RESOURCES (U.S.A.) LIMITED

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

November 11, 1981

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

Re: Main Canyon Federal
9-3-15-23
Sec. 3-15S-23E
Uintah County, Utah

Gentlemen:

Enclosed, in duplicate, is the Well Completion Report for the above referenced well.

Thank you.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLI 3*

(See instructions on reverse side)

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

8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

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

4. ADDRESS OF OPERATOR
200 Writer Sq. 1512 Larimer St. Denver, Colorado 80202-1602

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1974' FNL & 580' FEL ; Sec. 3-15S-23E
At top prod. interval reported below same
At total depth same

14. PERMIT NO. 43-047-31070 DATE ISSUED 9-14-81

5. LEASE DESIGNATION AND SERIAL NO.

U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Main Canyon

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

9-3-15-23

10. FIELD AND POOL, OR WILDCAT

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

Sec. 3-15S-23E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

15. DATE SPECDED 9-11-81 16. DATE T.D. REACHED 10-10-81 17. DATE COMPL. (Ready to prod.) 11-4-81 18. ELEVATIONS (DP, REB, RT, OR, ETC.)* 7542' ungr. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8750' 21. PLUG, BACK T.D., MD & TVD 8693' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. ROTARY TOOLS XX 25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Dakota - Top - 8350' , Base 8556'

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL-GR, CBL-VDL-GR 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8	36	302	12 1/4	165 SXS	
7	23	4990	8 3/4	175 SXS	
4 1/2	11.6	8734	6 1/4	130 SXS	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	8491	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8393-8526'	Foam frac w/101,050 gal + 10,000# 100M + 200,000# 20/40

Perforate 13 - .32" holes @ 8393, 94, 8411, 12, 98, 8500, 03, 08, 11, 12, 15, 24, 26'.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
SI	Flow	SI					
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-4-81	23	20/64	→		831		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
410	550	→		867			

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

35. LIST OF ATTACHMENTS

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

SIGNED Dean Rogers TITLE Senior Operations Engineer DATE 11-6-81
Dean A. Rogers

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

INSTRUCTIONS

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

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

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

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

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

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Mancos "B"	5342'	6034'	
Dakota	8350		
Cedar Mtn	8556		
Morrison	8619		

38. GEOLOGIC MARKERS

NAME	DEPTH	TRUE VERT. DEPTH



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

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

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

January 15, 1982

Coseka Resources, Inc.
200 Writer Sq.
1512 Larimer St.
Denver, Colorado 80202-1602

Re: Well No. Main Canyon Unit #9-3-15-23
Sec. 3, T. 15S, R. 23E
Uintah County, Utah

Well no. Federal 7-15-15-21
Sec. 15, T. 15S, R. 21E
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office November 6, 1981, from above referred to wells, indicates the following electric logs were run: #9-3-15-23, DIL, FDC-CNL-GR, CBL-VDL-GR-- #7-15-15-21, Same. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

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

Cari Furse
Clerk Typist

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

U-8361

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to recomplete a well. Use "APPLICATION FOR PERMIT" for such purposes.)

RECEIVED
MAR 02 1988

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
1974' FNL & 580' FEL, Sec. 3, T15S, R23E

14. PERMIT NO. 43-047-31070

15. ELEVATIONS (Show whether of, to, or from)
7542' GR

6. LEASE DESIGNATION AND SERIAL NO.
U-8361

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Main Canyon Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
9-3-15-23

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., N., OR S.W., AND SURVEY OR AREA
Sec. 3, 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 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 PLANS <input type="checkbox"/>	(Other) <u>Executed Plugging Procedures</u> <input checked="" type="checkbox"/>	

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

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

Executed Plugging Procedure as follows:

1. Spotted 20 sx. cement plug at 8491'. Tagged plug at 7820'.
2. Loaded hole with 8.6 ppg fluid.
3. Cut and pulled 4-1/2" casing at 4873'.
4. Spotted 20 sx. cement plug 4948' to 4798'.
5. Cut 7" casing at 3230'. Squeezed with 30 sx. cement.
6. Cut and pulled 7" casing at 1260'.
7. Spotted 37 sx. cement plug 1325' to 1195'.
8. Spotted 38 sx. cement plug 350' to 250'.
9. Set 12 sx. cement plug at surface
10. Erected dry hole marker.

VERNAL DIST.
ENG. SEP 28 9-27-88
GEOL. _____
E.S. _____
PET. _____
A.M. _____

RECEIVED
SEPT 28 88
ARCH OIL & GAS
COMPANY

SEP 1988

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

SIGNED Terry J. [Signature] TITLE Operations Manager DATE 9/16/88

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE _____ DATE SEP 20 1988

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 104-1.35
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.
U-8361

SUNDRY NOTICES AND REPORTS

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

RECEIVED
JUN 16 1988

1. OIL WELL GAS WELL OTHER

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1974' FNL & 580' FEL, sEction 3, T15S, R23E

14. PERMIT NO. 43-047-31070

15. ELEVATIONS (Show whether OF, FT, OR, etc.)
7542' GR

7. UNIT AGREEMENT NAME
Main Canyon Unit

8. FARM OR LEASE NAME
Federal

9. WELL NO.
9-3-15S-23E

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 3, T15S, R23E

12. COUNTY OR PARISH 13. STATE
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 <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) <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 PROMISED 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 Bore Information: See Attached

Proposed Procedure:

1. Spot 280' cement plug 8573' to 8293' across Dakota prefs.
2. Load hole with 8.6 ppg fluid.
3. Cut and pull 7" casing at free point.
4. Spot 100' cement plug across 7" casing stub.
5. Spot 100' cement plug 350'-250' across surface casing shoe.
If 7" casing stub is situated at or near the casing shoe, one plug will be set to cover both.
6. Set 30' plug at surface.
7. Erect dry hole marker.

18. I hereby certify that the foregoing is true and correct
SIGNED Terry J. [Signature] TITLE Operations Manager DATE 6/9/88

(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: 6-20-88
BY: John R. [Signature]

*See Instructions on Reverse Side



COBEKA RESOURCES

(U.S.A.) LIMITED

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

WELL No. MAX Canyon 9-3-15-23
 LOCATION 1974' FNL, 580' FEL
 SEC 3 T 15S R 23E
 COUNTY WINTHROP STATE UTAH
 LEASE No U-8361

ELEV. 7542' GRD

9 5/8" 36#

302'

7" 23# 1755X

HOLE SIZE 8 3/4"

4990'

HOLE SIZE 6 1/4"

CEMENT TOP @ 4970'

2 3/8" 4.7# J-55 @ 8791'

DAKOTA PERES

8393 - 8526

8193 P.B.O.

8734'

TILL 8750'



UTAH
NATURAL RESOURCES
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. NO280
 Report Period (Month/Year) 6 / 88
 Amended Report

Well Name	Producing Zone	Days Oper	Production Volume		
API Number Entity Location			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 _____

PLEASE COMPLETE FORMS IN BLACK INK



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

RIPPY, INC.

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

Date 8/23/88

CEMENTING AFFIDAVIT PULLING & PLUGGING REPORT

Company Coseka Resources

Lease Main Canyon Federal Well No. 9-3-15-23

Section 3 Township 15 S Range 23 E Unit Main Canyon County Utah, Utah

4873 Ft. of 4 1/2" Casing Recovered

1260 Ft. of 7" Casing Recovered

PLUGS SET

- | | | | | | | | | |
|----|-----------|-------------------|----------------|-----|----|----------------|-----|--------------------|
| 1. | <u>20</u> | Sax Cement Set At | <u>8491</u> | Ft. | To | <u>8211</u> | Ft. | <u>Tag @ 7820'</u> |
| 2. | <u>20</u> | Sax Cement Set At | <u>4948</u> | Ft. | To | <u>4798</u> | Ft. | |
| 3. | <u>30</u> | Sax Cement Set At | <u>3230</u> | Ft. | To | <u>Surface</u> | Ft. | |
| 4. | <u>37</u> | Sax Cement Set At | <u>1325</u> | Ft. | To | <u>1195</u> | Ft. | |
| 5. | <u>38</u> | Sax Cement Set At | <u>350</u> | Ft. | To | <u>250</u> | Ft. | |
| 6. | <u>12</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 mud was circulated between plugs. Plate welded over surface & regulation marker erected. Location cleaned

RIPPY, INC.
Signed W. J. Rippey Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE INDICATED
(Other instructions on reverse side)

Form approved,
Budget Bureau No. 1004-0118
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-8361

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Main Canyon Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

9-3-15S-23E

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 3, T15S, R23E

12. COUNTY OR PARISH, 13. STATE

Utah Utah

SUNDRY NOTICES AND REPORTS

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

RECEIVED
JAN 08 1990
DIVISION OF OIL, GAS & MINING

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

1974' FNL & 580' FEL, Sec. 3, T15S, R23E

14. PERMIT NO.
43-047-31070

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7542' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Final Notice of Abandonment

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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	
CON	MF
JED	GLH
PTD	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 _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side