



COSEKA RESOURCES (U.S.A.) LIMITED

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

June 9, 1981

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

Re: Main Canyon Unit
Federal 8-8-15-23
NE SE Sec. 8-15S-23E
Uintah Co., Utah

Gentlemen:

Enclosed, in triplicate, is the State of Utah Application for
Permit to Drill for the above referenced well.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

Brenda J. Groghan
Production Secretary

/bg

Enclosures

JUN 10 1981

DIVISION OF
OIL, GAS & MINING

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. Lease Designation and Serial No. USA U-9211
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			6. If Indian, Allottee or Tribe Name
b. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>			7. Unit Agreement Name Main Canyon
2. Name of Operator Coseka Resources (U.S.A.) Limited			8. Farm or Lease Name Federal
3. Address of Operator 718 17th St. #630, Denver, CO 80202			9. Well No. 8-8-15-23
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1880' FSL & 555' FEL, Section 8-T15S-R23E At proposed prod. zone Same			10. Field and Pool, or Wildcat Wildcat
14. Distance in miles and direction from nearest town or post office* 46 miles Southeast of Ouray, Utah			11. Sec., T., R., M., or Blk. and Survey or Area NE SE Sec. 8-T15S-R23E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 555'	16. No. of acres in lease 2551.20	17. No. of acres assigned to this well 160	12. County or Parrish Uintah
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 6200'	20. Rotary or cable tools Rotary	13. State Utah
21. Elevations (Show whether DF, RT, GR, etc.) 7610' Ungr			22. Approx. date work will start* 6/10/81

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	32.0#	0-250	To surface
6 1/4"	4 1/2"	10.5#	6200'	300 sxs

**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING**
 DATE: 7/130/81
 BY: M.S. Under

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 Title: Senior Operations Engineer Date: 6/9/81
 (This space for Federal or State office use)

Permit No. Approval Date

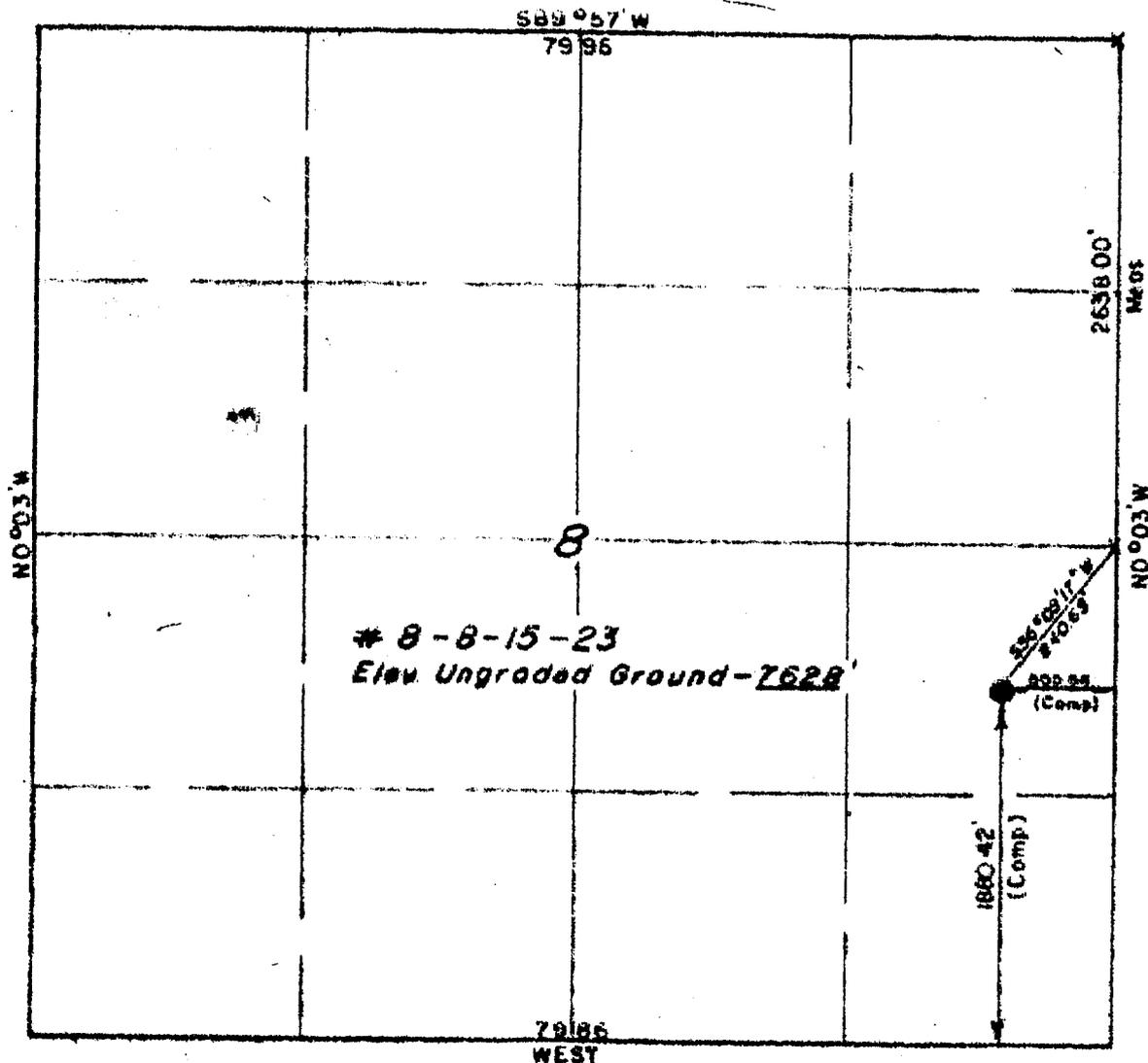
Approved by..... Title..... Date.....

Conditions of approval, if any:

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

COSEKA RESOURCES U.S.A. L

Well location, # 8-8-15-23, located shown in the NE 1/4 SE 1/4 Section 8, T15S, R23E, S.L.B.&M. Uintah County, Utah.



CERTIFICATE

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

Lawrence P. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEY P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84076		
SCALE	DATE	
1" = 1000'	4 / 2 / 81	
PARTY	REFERENCES	
RK BK FCO	GLU P101	
WEATHER	FILE	
Cloudy Cool	COSEKA	

Moosaka

NOTICE OF SPUD

Caller: Johnny Knight

Phone: _____

Well Number: ^{main Canyon?} 8-8-155-23E

Location: NE-SE 8-155-23E

County: Utah State: Utah

Lease Number: U-9211

Lease Expiration Date: _____

Unit Name (If Applicable): Main Canyon

Date & Time Spudded: 6/9/81 12:00 PM.

Dry Hole Spudder/Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 12" hde

300 ft 8 5/8 SXS

Rotary Rig Name & Number: _____

Approximate Date Rotary Moves In: 6/15/81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Tucki

Date: 6/15/81

STATE OF UTAH
COUNTY OF KANE

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
 1880' FSL, 555' FEL, Section 8, T15S, R23E
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 46 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) 555'

16. NO. OF ACRES IN LEASE 2551.20

17. NO. OF ACRES ASSIGNED TO THIS WELL 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6200'

19. PROPOSED DEPTH 6200'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7628 Ungr.

22. APPROX. DATE WORK WILL START*
 July 1, 1981

5. LEASE DESIGNATION AND SERIAL NO.
 U-9211

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 Main Canyon

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 8-8-15-23

10. FIELD AND POOL, OR WILDCAT
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 8, T15S, R23E

12. COUNTY OR PARISH **13. STATE**
 Uintah Utah

23. 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#	5000'	500' Above Pay
6 1/8"	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 Attachments

JUN 30 1981
 DIVISION OF
 OIL, GAS & MINING

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

24.
 SIGNED [Signature] TITLE Field Services Administrator DATE 5-4-81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 FOR E. W. GUYNN
 APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE JUN 08 1981
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

*See Instructions On Reverse Side

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

NOTICE OF APPROVAL

[Handwritten signature]

Identification CER/EA No. 453-81

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 1880' FSL 556' FEL Section 8, T. 15S, R. 23E
Well No. 8-8-15-23 Lease No. U-9211
Date Project Submitted May 6, 1981

FIELD INSPECTION Date May 14, 1981

Field Inspection Participants

<u>Greg Darlington</u>	<u>USGS, Vernal</u>
<u>Cory Bodman</u>	<u>BLM, Vernal</u>
<u>Stacy Stewart</u>	<u>Coseka Resources</u>
<u>Gary Roberts</u>	<u>Coseka Resources</u>
<u>Forrest Bird</u>	<u>Galley Construction</u>
<u>Craig Ivie</u>	<u>Northwest Pipeline</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.

June 1, 1981
Date Prepared

Gregory Darlington
Environmental Scientist

I concur
JUN 02 1981
Date

W. P. Matthes FOR E. W. GYNN
District Supervisor DISTRICT ENGINEER

Typing In 6-1-81 Typing Out 6-1-81

PROPOSED ACTIONS:

Coseka Resources plans to drill the Coseka 8-8-15-23 well, a 6200' gas test of the Mancos "B" formation. About 200' of new access road will be required. A flowline hookup line of about 200' length would proceed south from the pad while the new access road would proceed east. An area of operations 215' by 350' is proposed for the location pad and reserve pit.

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 Minerals Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: May 14, 1981.

Well No.: 8-8-15-23

Lease No.: V-9211

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Access Road a little more than 200' east to
Seep Ridge. Follow line Hookup South or Southwest for 200'. Topsoil
on the West Side of the location between #6 and #7 stakes.

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)

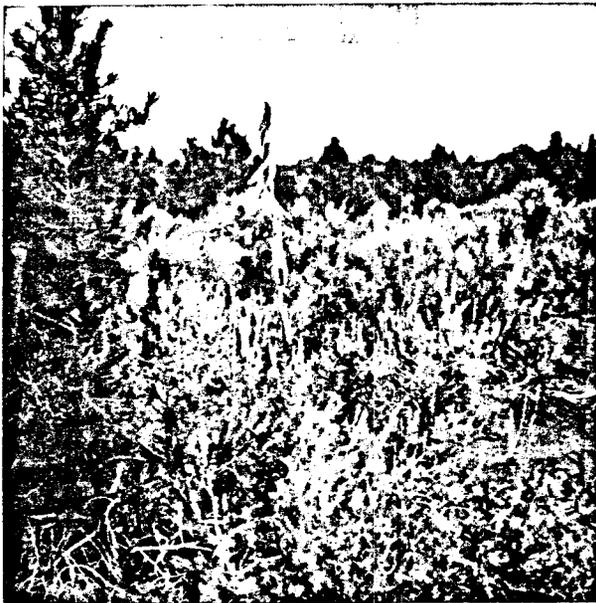
The location is near the intersection of two existing roads. The spacing is altered to permit this offset to an existing well production of the two wells would be from different zones.
The location is in a wooded area.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (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	5-14-81	
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. *USGS conditions of approval.*



*North View
Coseka 8-8-15-23*

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

May 20, 1981

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

Re: Coseka Resource Limited
Well #4-4-15-23
Sec 4 T15S R23E
Well #8-8-15-23
Sec 8 T15S R23E
Well #6-13-14-24
Sec 13 T14S R24E
Uintah County, Utah

Dear Mr. Guynn:

A joint examination was made on May 14, 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 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 rights-of-way will not be allowed. The maximum width of access road (both existing and planned) will be 30 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required. The road will be crowned and bar ditches will be installed where necessary.
3. It was agreed upon by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracturing operations.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seed-ing and restoration requirements.

6. 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 and hauled to an approved disposal site.
7. PR spring may not be used as a water source.
8. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
9. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil.
10. At well #4-4-15-23 the top 4-6 inches of topsoil will be stockpiled between reference corners #6 and #7. At well #8-8-15-23 the top 6-8 inches of topsoil will be stockpiled between reference corners #6 and #7. At well #6-13-14-24 the top 4-6 inches of topsoil will be stockpiled at reference corner #3.
11. All production facilities shall be painted with an earth tone color so that said facilities will blend in with the surrounding environment.

This location is located in a Winter shut down location. 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 their limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with concurrence of the District Manager, Bureau of Land Management.

We have received a cultural resource report. The proposed activity does not jeopardize any cultural resources.

The proposed activity does not jeopardize listed, threatened or endangered flora/fauna or their habitat.

Sincerely,

Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc:
USGS, Vernal

CBodman:mjm

FROM : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-9211

OPERATOR: Coseka WELL NO. 8-8-15-23

LOCATION: C $\frac{1}{2}$ NE $\frac{1}{2}$ SE $\frac{1}{2}$ sec. 8, T. 15S., R. 23E, SLM
Uintah County, Utah

1. Stratigraphy:

Green River surface			
Wasatch	1455'	Base of "B"	6025'
Mesaverde	2280'	Dakota	8380'
Mancos	4485'	Morrison	8585'
Castlegate	4585'	TD	6200'
Mancos "B"	5330'		

} N/A

2. Fresh Water:

Fresh water may occur in Green River sandstones

3. Leasable Minerals:

Oil/Gas: Dakota, Morrison
 Coal: Mesaverde (~3300' to ~4100')

4. Additional Logs Needed:

If coal zone is logged before being cased off, then operator's logging program is adequate. Otherwise, a gamma ray log should also be run through the coal zone.

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood Date: 5-12-81

** FILE NOTATIONS **

DATE: July 29, 1981
OPERATOR: ~~Cosika~~ Cosika Resources
WELL NO: Main Cam. Federal # 8-8-15-23
Location: Sec. 8 T. 15S R. 23E County: Wintah

File Prepared: Entered on N.I.D:
Card Indexed: Completion Sheet:

API Number 43-047-31044

CHECKED BY:

Petroleum Engineer: M. J. Minder 7/30/81

Director: _____

Administrative Aide: Unit well, ok on boundaries,

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 fed. Plotted on Map
Approval Letter Written
Hot Line P.I.

August 3, 1981

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

RE: Well No. Main Canyon Federal #8-8-15-23,
Sec. 8, 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.

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 43-047-31044.

Sincerely,

DIVISION OF OIL, GAS, AND MINING


Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS



COSEKA RESOURCES (U.S.A.) LIMITED

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

October 8, 1981

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

Re: Main Canyon 8-8-15-23
Sec. 8-T15S-R23E
Uintah County, Utah

Gentlemen:

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

Thank you.

Very truly yours,

COSEKA RESOURCE (U.S.A.) LIMITED

Arlene M. Creger
Production Administrator

/amc

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

9

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. ESTVR. Other _____

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 1880' FSL & 555' FEL, Sec. 8-15S-23E
 At top prod. interval reported below
 At total depth same
 same

14. PERMIT NO. 43-047-31044 | DATE ISSUED 7-30-81

5. LEASE DESIGNATION AND SERIAL NO.
U-9211

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
8-8-15-23

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NE SE Sec. 8
15S-23E

12. COUNTY OR PARISH Uintah | 13. STATE Utah

15. DATE SPUDDED 6-18-81 | 16. DATE T.D. REACHED 7-1-81 | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7610' ungr. | 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6180' | 21. PLUG, BACK T.D., MD & TVD 6142' | 22. IF MULTIPLE COMPL., HOW MANY* | 23. INTERVALS DRILLED BY | ROTARY TOOLS XX | CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Mancos - Top - 5349, Base 6026 | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
(DIL) (FDC-CNL-GR) (CBL-VDL-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
9 5/8"	36	310'	12 1/4	To surface	
4 1/2	10.5	6179'	6 1/4	395 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	5527'	

31. PERFORATION RECORD (Interval, size and number)
Perforate 22- .32" holes @ 5468, 76, 80, 82, 86, 90, 95, 98, 5501, 04, 32, 38, 56, 61, 72, 76, 81, 83, 86, 89, 93, 97.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5468-5597'	Frac w/97,000 gal cross link gel w/400,000 # 20/40

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	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9-3-81	24	30/64	→		320		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
260	280	→		320			

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 A. Rogers TITLE Senior Operations Engineer DATE Oct. 6, 1981

*(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.
	5470	5510	Mancos "B" porosity
	5570	5600	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Wasatch	1482		
Mesa Verde	2300		
Sego	4416		
Buck Tongue	4494		
Castlegate	4573		
Mancos "B"	5349		

OK

FILE IN TRIPLICATE
FORM OGC-8-X

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[#] 8-8-15-23
Operator COSEKA RESOURCES Address 718 17th ST, DENVER 80202
Contractor TIERRA DRILLING Address Grand Junction, COLO
Location NE 1/4 SE 1/4 Sec. 8 T. 15 R. 23 County Uintah

Water Sands

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____

(Continue of reverse side if necessary)

Formation Tops

Remarks NO WATER FLOWS NOTED

- 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-115
Expires August 31, 1985

0-9211

1. IF INDIAN, ALLOTTEE OR TRIBE NAME

2. UNIT ASSIGNMENT NAME
Main Canyon Unit

3. FARM OR LEASE NAME
Federal

4. WELL NO.
8-8-15-23

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., N., OR S.E., AND SURVEY OR AREA
Sec. 8, T15S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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MAR 02 1988
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepening. Use APPLICATION FOR PERMIT.)

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
1880' FSL & 555' FEL, Sec. 8, T15S, R23E

14. PERMIT NO.
43-047-31044

15. ELEVATIONS (Show whether of, FT., OR, ETC.)
7610' GR

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"/>	FILL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
RACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	RACTURE 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) Executed Plugging Procedure <input checked="" type="checkbox"/>	

(Other)

(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.)

Executed Plugging Procedure as follows:

1. Spotted 25 sx. cement plug at 5527'. Tagged plug at 5155'.
2. Cut and pulled 4-1/2" casing at 3740'.
3. Spotted 30 sx. cement plug at 3740'. tagged plug at 3640'
4. Spotted 30 sx. cement plug at 3250' to 3120'.
5. Spotted 30 sx. cement plug at 360' to 260'. Tagged at 300'.
6. Spotted 18 sx. cement plug 300' to 260'.
7. Set 10 sx. cement plug at surface
8. 8.6 ppg fluid circulated between all cement plugs.
9. Erected dry hole marker.

RECEIVED
SEPT 28 88
ARCH OIL & GAS COMPANY

VERNAL DIST.
ENG. 8.9. 9-27-88

GEOL. _____

E.S. _____

PET. _____

A.P. _____

SEP 1988

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

SIGNED [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. 1004-0135
Expires August 31, 1985

3. LEASE DESIGNATION AND TRACT NO.

U-9211

4. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS

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

RECEIVED
JUN 16 1988

7. UNIT AGREEMENT NAME

Main Canyon Unit

8. FARM OR LEASE NAME

Federal

9. WELL NO.

8-8-15S-23E

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 8, T15S, R23E

12. COUNTY OR PARISH 13. STATE

1. OIL WELL GAS WELL OTHER

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

DIVISION OF
OIL, GAS & MINING

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

1880' FSL and 555' FEL, Section 8 - T15S - R23 E

14. PERMIT NO.
43-047-31044

15. ELEVATIONS (Show whether OF, FT, OR, etc.)
7610' GR

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 PLANE

(Other)

(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 Bore Information: See Attached

Proposed Procedure:

1. Spot cement plug 5647' - 5368' across Mancos perms 5468-5597.
2. Load hole with 8.6 ppg fluid.
3. Cut and pull 4 1/2" casing at free point.
4. Spot 100' cement plug across 4 1/2" casing stub.
5. Spot 100' cement plug 360'-260' across surface casing shoe.
6. Set 30' cement plug at surface.
7. Erect dry hole marker.

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

SIGNED

Tommy [Signature]

TITLE Operations Manager

DATE 6/9/88

(This space for Federal or State office use)

APPROVED BY

TITLE

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

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

DATE 6-20-88

*See Instructions on Reverse Side

BY: *[Signature]*



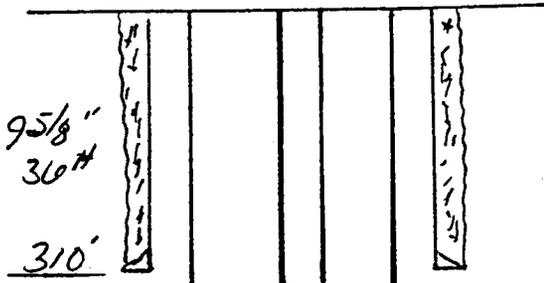
COBEKA RESOURCES

(U.S.A.) LIMITED

610 Writter Square, 1512 Larimer Street, Denver, CO 80202-1802

WELL No. INT 92111 8-8-15-23
 LOCATION 1820' FSL 555' FEL
 Sec 8 T 15 S R 23 E
 COUNTY UINTAH STATE UTAH
 LEASE No. U-9211

ELEV. 7610' GRD



HOLE SIZE 7 7/8

2 3/8" 4.7# J-55
5527'

CEMENT TOP @

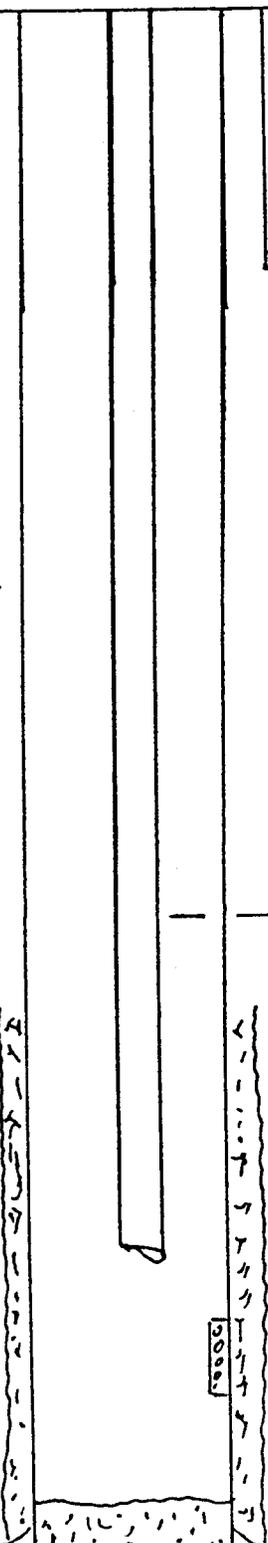
4 1/2" 10.5
K-55
ST&C
395 SA

MANCOS PERFS

5468 - 5597

6179

6142 P.B.T.D.
 T.D. 6180





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	Gas (MSCF)	Water (BBL)
API Number Entity Location			Oil (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 8-7-15-23					
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

RIPPY, INC.

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

Date 8/9/88

CEMENTING AFFIDAVIT PULLING & PLUGGING REPORT

Company Coseka Resources
Lease Main Canyon Federal Well No. 8-8-15-23
Section 8 Township 15 S Range 23 E Unit Main Canyon County Uintah, Utah
3740 Ft. of 4 1/2" Casing Recovered
_____ Ft. of _____ Casing Recovered

PLUGS SET

- | | | | | | | | | |
|----|-----------|-------------------|--------------------------------|-----|----|--------------|-----|------------------|
| 1. | <u>25</u> | Sax Cement Set At | <u>5527</u> | Ft. | To | <u>5247</u> | Ft. | <u>Tag 5155'</u> |
| 2. | <u>30</u> | Sax Cement Set At | <u>across 4 1/2" stub - at</u> | Ft. | To | <u>3740'</u> | Ft. | <u>Tag 3640'</u> |
| 3. | <u>30</u> | Sax Cement Set At | <u>3250</u> | Ft. | To | <u>3120</u> | Ft. | |
| 4. | <u>30</u> | Sax Cement Set At | <u>360</u> | Ft. | To | <u>260</u> | Ft. | <u>Tag 300'</u> |
| 5. | <u>18</u> | Sax Cement Set At | <u>300</u> | Ft. | To | <u>260</u> | Ft. | |
| 6. | <u>10</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 number etched.
Location cleared.

RIPPY, INC.

Signed

W. J. Rippy, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS DATE
(Other instructions on reverse side)

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

9

SUNDRY NOTICES AND REPORTS

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

RECEIVED
JAN 08 1990

5. LEASE DESIGNATION AND SERIAL NO. **U-9211**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Main Canyon

8. FARM OR LEASE NAME
Federal

9. WELL NO.
8-8-15S-23E

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 8, T15S, R23E

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

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
1880' FSL & 555' FEL, Sec. 8, T15S, R23E

14. PERMIT NO.
43-047-31044

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
7610' GR

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

OIL AND GAS	
DRN	PLF
JRB	CLH
DTC	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