



**COSEKA RESOURCES (U.S.A.) LIMITED**

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

September 17, 1979

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

Re: Pine Springs Unit  
#2X-16-14-22  
Sec. 16-T14S-R22E  
Uintah Co., Utah

Gentlemen:

Please find enclosed, in triplicate, the Application for Permit to Drill for the above referenced well along with Survey Plat and Geological Prognosis. Also enclosed is the BOP schematic.

Thank you.

Very truly yours,

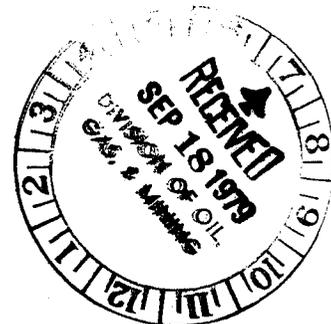
COSEKA RESOURCES (U.S.A.) LIMITED

*Brenda Groghan*

Brenda Groghan  
Production Secretary

/bg

Enclosures



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

5. Lease Designation and Serial No.  
ML 20962

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name  
Pine Springs Unit

8. Farm or Lease Name  
State

9. Well No.  
2X-16-14-22

10. Field and Pool, or Wildcat  
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec. 16-T14S-R22E

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  
718 17th St. #630, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface  
660' FSL & 1920' FEL SW SE  
At proposed prod. zone  
Same

14. Distance in miles and direction from nearest town or post office\*  
40 miles from Ouray, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)  
660'

16. No. of acres in lease  
600

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.  
None

19. Proposed depth  
9693' Morrison

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
6983'

22. Approx. date work will start\*  
9/21/79

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8"	48#	200'	250 sxs
12-1/4"	8-5/8"	24# & 32#	6600'	150 sxs
7-7/8"	5-1/2"	15.5 & 17#	9693'	150 sxs

The original well #2-16-14-22 was junked and abandoned. This well is being drilled as a replacement well.

lease # ML20962 belongs to Husky-Skyline

talked to Husky 9/20/79 - lease was farmed out to Coseka

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: J.D. Odum Title: Manager of Operations Date: 9/17/79  
(This space for Federal or State office use)

Permit No. .... Approval Date .....

Approved by..... Title..... Date.....  
Conditions of approval, if any:

Pine Springs Unit

COSEKA RESOURCES (U.S.A.) LIMITED

Well No -16-14S-22E  
T14S-R22E-Sec. 16, SW of SE  
Uintah County, Utah

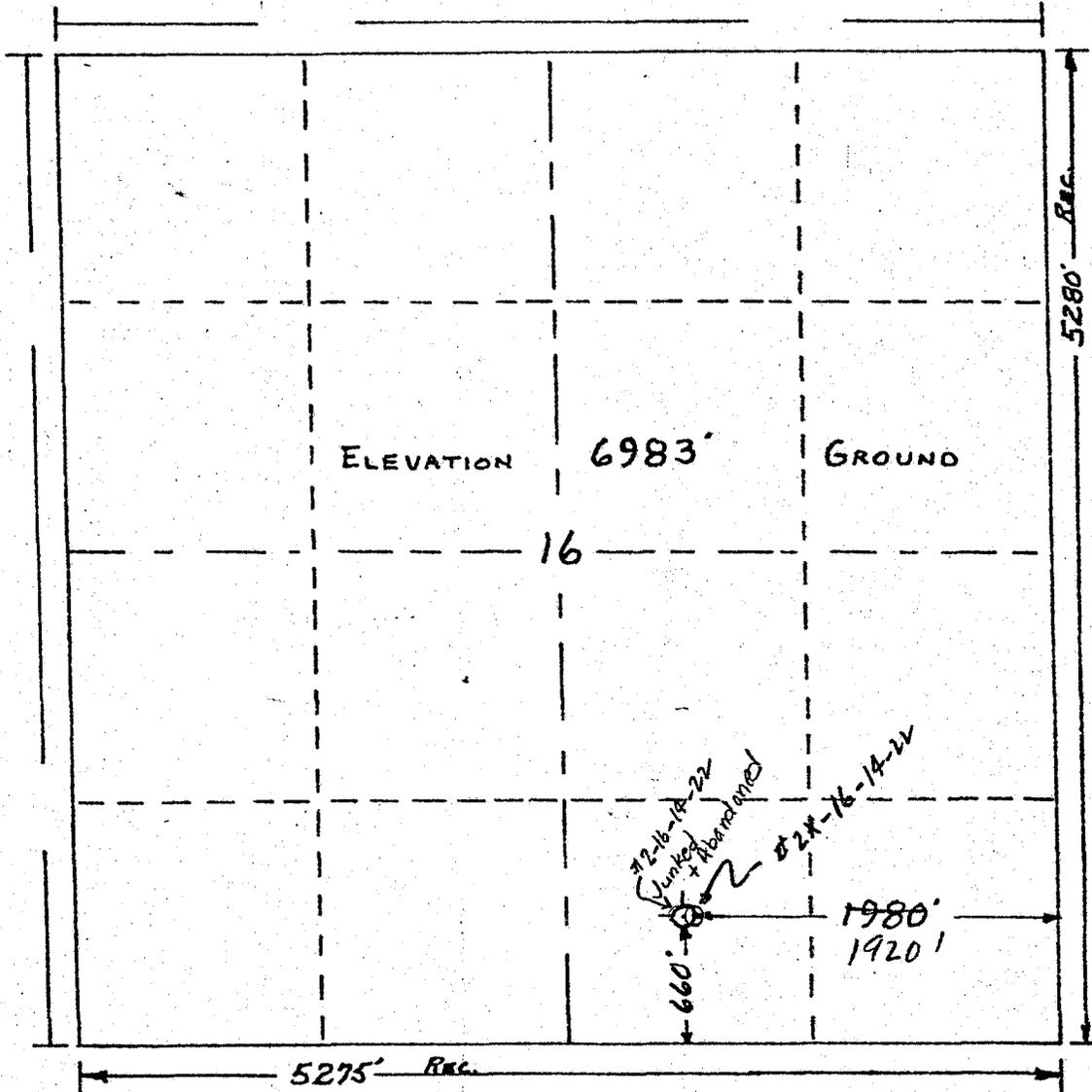
GEOLOGICAL PROGNOSIS

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Surface		7000' (Topo)
Mesa Verde	2940	+4060
Mancos Fm.	4753	+2247
Castlegate SS	4970	+2030
Mancos "B" (Emery)	5765	+1235
Base Mancos "B"	6500	+500' - Datum
Dakota	8968	-1968
Morrison	9206	-2206
Entrada	9743	-2743

Planned T.D. 9693' to test Dakota and Morrison sandstones for gas potential.



R.22 E



T.  
14  
S.

5275' Rec.

5280' Rec.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado  
 has in accordance with a request from JOHN ODOM  
 for CASEKA RESOURCES (USA, LTD.)  
 determined the location of #2-16-14-22 STATE  
 to be 660' FS & 1980' FE Section 16 Township 14 S.  
 Range 22 E. OF THE SALT LAKE Meridian  
 UTAH County, UTAH

I hereby certify that this plat is an  
 accurate representation of a correct  
 survey showing the location of

#2-16-14-22 STATE  
 2X-16-14-22

Date: 7-19-79

*T. Nelson*  
 Licensed Land Surveyor No. 2711  
 State of UTAH

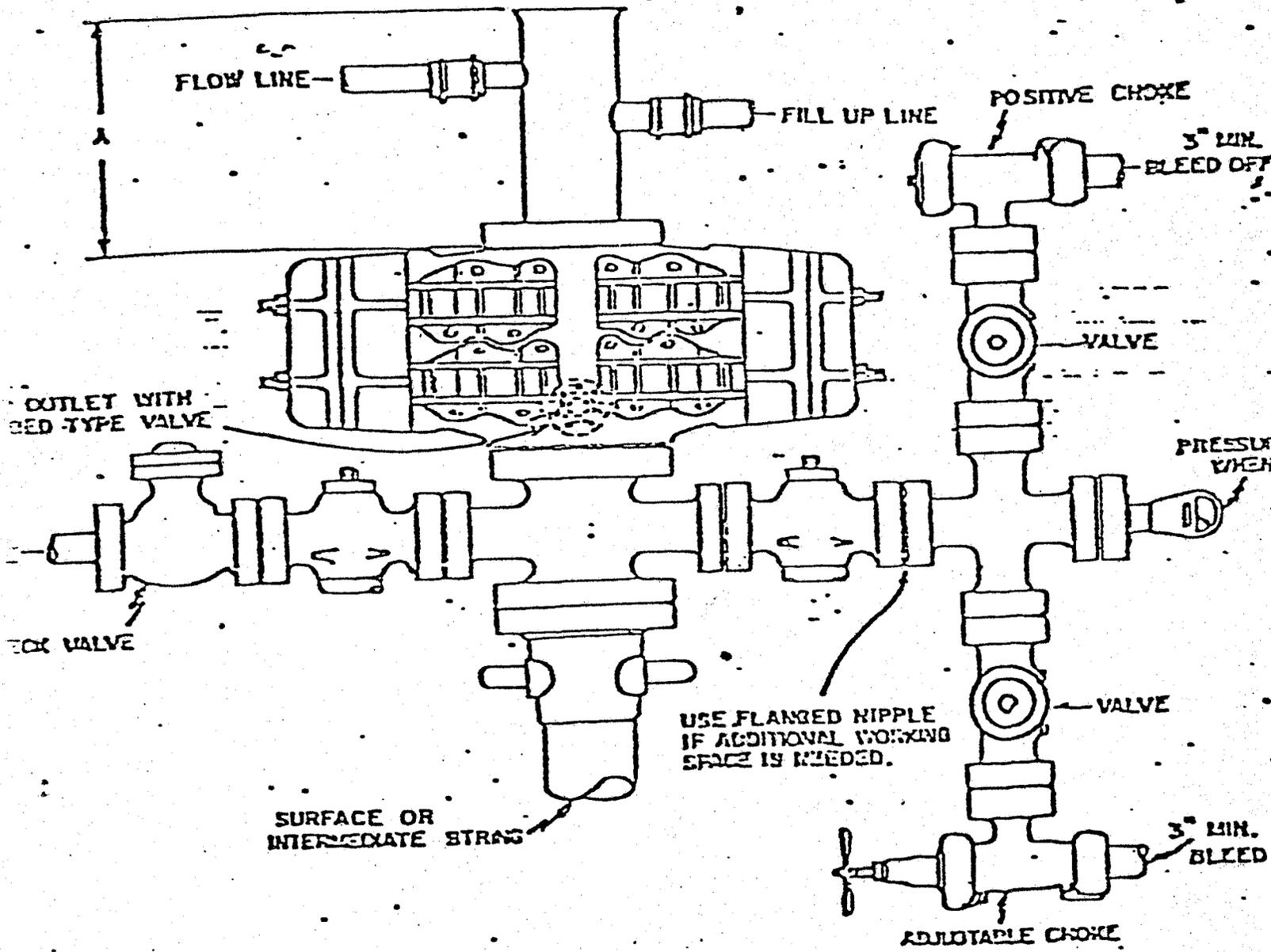


EXHIBIT - A

\*\* FILE NOTATIONS \*\*

DATE: Sept. 19, 1979

Operator: Coseka Resources Ltd.

Well No: Pine Springs Unit 2X-16-14-22

Location: Sec. 16 T. 94S R. 22E County: Wintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-047-30621

CHECKED BY:

Geological Engineer: M.J. Minder 9-19-79

May be approved providing that well # 2-16-14-22 is plugged before commencing drilling replacement well.

Petroleum Engineer: \_\_\_\_\_

Director: \_\_\_\_\_

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

State lease

Lease Designation Sec-Unit

Plotted on Map

Approval Letter Written

btm

*Unit letter with permission*

September 20, 1979

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

Re: Well No. Pine Springs Unit 2X-16-14-22  
Sec. 16, T. 14S, R. 22E.,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to 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, approval is contingent upon the plugging of Well No. 2-16-14-22 prior to the drilling of this replacement.

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

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

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

1 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 43-047-30621.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b.dm  
cc: USGS, Donald Prince

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Coseka Resources Limited

WELL NAME: Pine Springs Unit #2X-16-14-22

SECTION 16 SWSE TOWNSHIP 14S RANGE 22 E COUNTY Uintah

DRILLING CONTRACTOR \_\_\_\_\_

RIG # \_\_\_\_\_

SPUDDED: DATE September 20, 1979

TIME 11:00 a.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY \_\_\_\_\_

TELEPHONE # \_\_\_\_\_

DATE September 21, 1979

SIGNED M.F. Menden

cc: USGS  
Donald Prince



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
*Chairman*

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

November 19, 1979

Coseka Resources (USA) Limited  
718 17th St. Suite 630.  
Denver, Colo. 80202

RE: Well No. Pine Springs Unit #2X-16-14-22  
Sec. 16, T. 14S, R. 22E,  
Uintah County, Utah  
October 1979.

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well(s).

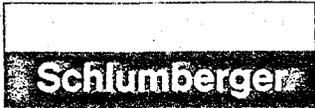
Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. Please note, a negative report is also required. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331)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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Debbie Beauregard*  
DEBBIE BEAUREGARD  
CLERK-TYPIST



SCHLUMBERGER WELL SERVICES  
5000 GULF FREEWAY, P.O. BOX 2175  
HOUSTON, TEXAS 77001, (713) 928-2511

PLEASE REPLY TO  
1735 EAST 1500 SOUTH  
VERNAL, UTAH 84078

December 5, 1979

Dear Sir:

In regards to Pine Springs Unit 2-16-14-22, would you please check your files? The dual induction has now been replaced with a composite of the three runs. Please discard the final in your files and replace it with the composite. The compensated neutron-formation density in your files is correct and does not need to be discarded.

Thank You,

*Lyn Davis*

15

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

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

3. ADDRESS OF OPERATOR  
718 17th Street #630, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 660' FSL & 1920' FEL  
At top prod. interval reported below  
At total depth Same

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 9/20/79

15. DATE SPUNDED 9/20/79 16. DATE T.D. REACHED 10/25/79 17. DATE COMPL. (Ready to prod.) 12/12/79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6983' Gr. 19. ELEV. CASINGHEAD 6984'

20. TOTAL DEPTH, MD & TVD 9108' 21. PLUG, BACK T.D., MD & TVD - 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY ROTARY TOOLS 10-9108' CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Dakota 8903-9108' (Open Hole) Formation packer @ 8891'

26. TYPE ELECTRIC AND OTHER LOGS RUN  
SNP, DIL, TEMPERATURE LOG, COMP. FORM. DENSITY LOG, LOG ANALYSIS

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"		206'	17-1/2"	250 SXS	-
8-5/8"	32#	5400'	12-1/4"	430 SXS	-
5-1/2"	15.5# & 17#	9108'	7-7/8"	375 SXS	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2"	8891'	9108'	-	-

Tail pipe in open hole

31. PERFORATION RECORD (Interval, size and number)

9030-60' (62 - .21" holes)  
Perforated tail pipe in open hole

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
Shut-in	Flowing	Shut-in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/14/79	14	14/64"	→	-	1084	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	GRAVITY-API (CORR.)		
1100	1115	→	-	1858			

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

35. LIST OF ATTACHMENTS  
Logs under separate cover

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

SIGNED *S. T. Wilkinson*  
S. T. Wilkinson

TITLE Chief Engineer OIL, GAS & MINING  
DATE 12/31/79

5. LEASE DESIGNATION AND SERIAL NO.  
ML 20962

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Pine Springs Unit

8. FARM OR LEASE NAME  
State

9. WELL NO.  
2X-16-14-22

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 16-T14S-R22E

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

19. ELEV. CASINGHEAD 6984'

25. WAS DIRECTIONAL SURVEY MADE  
No

27. WAS WELL CORED  
No



JAN 3 1980  
Boyd Snow

\*(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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH
Dakota	9020'	9108'	No Cores or DST's Flowed 2.6 MMCF/D Open hole while drilling
			Castlegate Mancos "B" Dakota
			5023' 5846' 8984'



**COSEKA RESOURCES (U.S.A.) LIMITED**

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

December 31, 1979

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

Re: Pine Springs Unit  
#2X-16-14-22  
Sec. 16-T14S-R22E  
Uintah Co., 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

Brenda Groghan  
Production Secretary

/bg

Enclosures

January 21, 1980

Coseka Resources Ltd.  
718 17th Street, #630  
Denver, Colorado 80202

Re: Well No. Pine Springs Un. 2X-16-14-22  
Sec. 16, T. 14S, R. 22E,  
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report," filed with this office January 3, 1980, from above referred to well, indicates the following electric logs were run: SNP, DIL.

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



KATHY AVILA  
RECORDS CLERK



**COSEKA RESOURCES (U.S.A.) LIMITED**

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

March 20, 1980

**RECEIVED**  
MAR 24 1980

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

ATTENTION: Kathy Avila

Re: Pine Springs Unit #2X-16-14-22  
Section 16-T14S-R22E  
Uintah County, Utah

Gentlemen:

This is in response to your letter dated January 21, 1980 regarding the SNP and DIL logs for the above referenced well. According to our records Schlumberger Well Services submitted these logs to you, but they were marked Pine Springs 2-16-14-22 instead of 2X-16-14-22.

Please check your files and if these logs were inadvertently not sent to you please let me know.

Very truly yours,

COSEKA RESOURCES (U.S.A.) LIMITED

*Brenda Groghan*

Brenda Groghan  
Production Secretary

/bg

*Engineer at about #  
Logs dated → 2-8-30-79 for 2-16*

*after 8-30-79 for 2X-16-  
(Additional logs added to  
list on well completion  
report).*



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)
TRAPP SPRINGS 16-25-14-23 4304731041 08081 14S 23E 25	DKTA	✓			
TRAPP SPRINGS 6-13-14-23 4304731055 08081 14S 23E 13	MNCS	✓			
MDLE CYN 4-30-16-24 4301930641 08083 16S 24E 30	DKTA	✗			
FED 6-4-16-25 4301930645 08084 16S 25E 4	DKTA	✗			
PINE SP 2X-16-14-22 4304730621 08086 14S 22E 16	DKTA	✓			
PINE SPRINGS ST 15-16-14-22 4304730960 08086 14S 22E 16	DKTA	✓			
PINE SPRINGS 7-21-14-22 4304731042 08086 14S 22E 21	DKTA	✓			
PINE SPRINGS 8-20-14-22 4304731063 08086 14S 22E 20	DKTA	✓			
MAIN CYN 6-3-15-23 4304731072 08245 15S 23E 3	MNCSB	✓			
MAIN CYN 3-16-15-23 4304730571 09365 15S 23E 16	DKTA	✓			
T-L-23 4304730332 09560 14S 24E 23	MNCS	✓			
RAT HOLE CANYON #1 4304730325 09565 14S 25E 8	MNCS	✓			
PINE SPRINGS #9-12-14-21 4304731096 10772 14S 21E 12	WSTC	✓			
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

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

PRINT IN TRIPPLICATE\*  
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS

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

RECEIVED  
AUG 1 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  
660' FSL & 1920' FEL, Sec. 16, T14S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6983' GR

5. LEASE DESIGNATION AND SERIAL NO.  
ML-20962

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Pine Spring

8. FARM OR LEASE NAME  
State of Utah

9. WELL NO.  
2X-16-14-22

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
Sec. 16, T14S, R22

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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

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

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

Well Data: See attached diagram  
Proposed Procedure

- Spot a 100' cement plug 8838'-8738' across the top of the perforated tail pipe to isolate the Dakota zone.
- Load hole with fluid.
- Cut and pull the 5 1/2" casing at the free point.
- Spot a 100' cement plug across the 5 1/2" casing stub.
- Cut and pull the 8 5/8" casing.
- Spot a 100' cement plug across the 8 5/8" casing stub
- Spot a 100' cement plug across the 13 3/8" casing shoe 156'-256'.
- Set a 30' cement plug at the surface

COPY

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

SIGNED Tony Cox TITLE Operations Manager DATE 7/28/88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 8-8-88  
BY: John R. Dora

\*See Instructions on Reverse Side



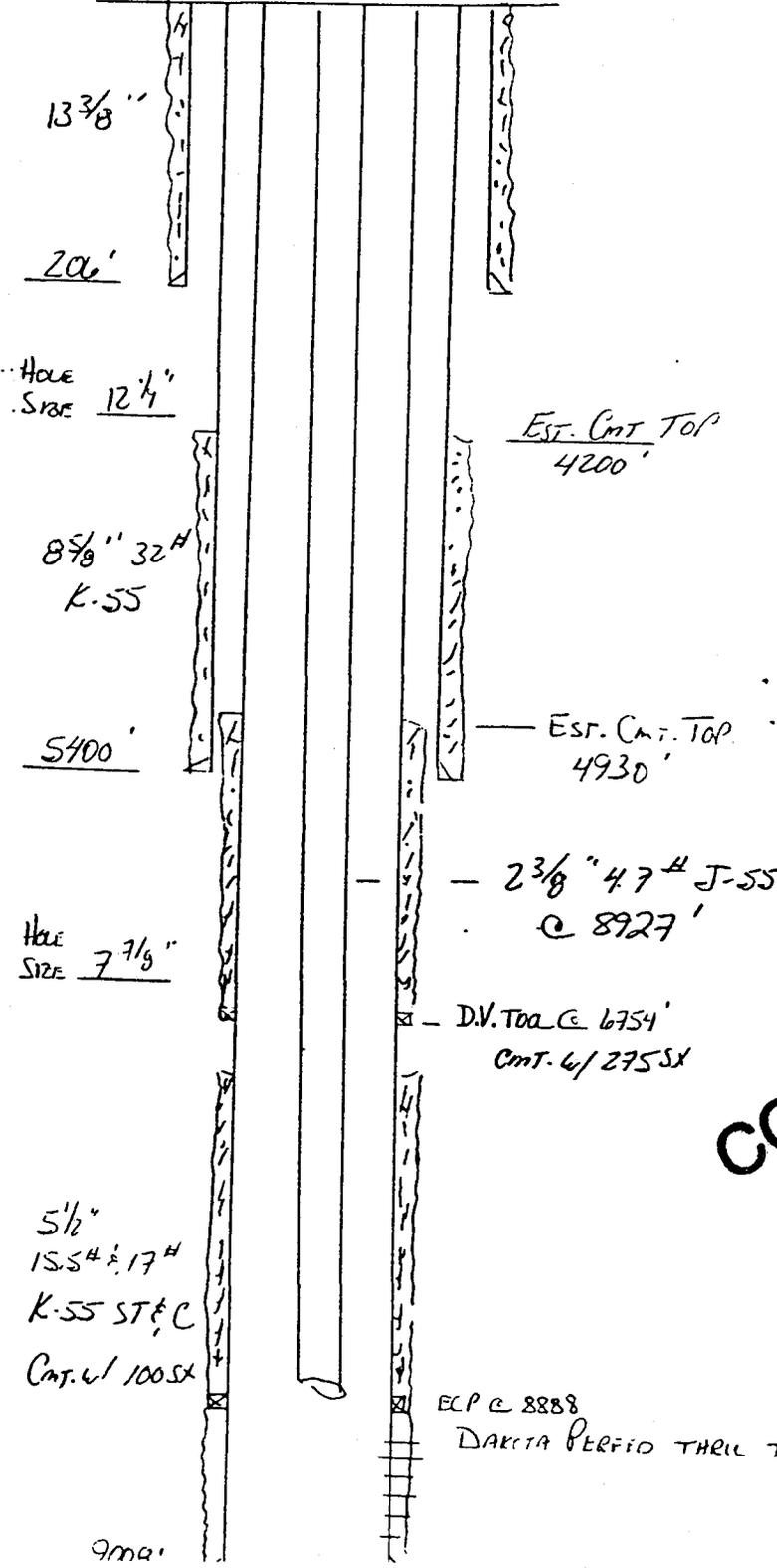
COSBEKA REBOURC  
(U.S.A.) LIMITED

810 Writter Square, 1612 Larimer Street, Denver, CO 80202-1602

WELL No.  
LOCATION  
SE  
COUNTY  
LEASE No.

PINE 312411 2X-16-14-26  
660 FSL 1920 FEL  
16 T 14S R 22E  
WINDHILL STATE UTAH  
ML 20967

ELEV. 6983' GRV



COPY

# RIPPY, INC.

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

RECEIVED

Date 9/28/88

NOV 02 88  
ARCH OIL & GAS  
COMPANY

## CEMENTING AFFIDAVIT PULLING & PLUGGING REPORT

Company Arch Oil & Gas

Lease Pine Springs Well No. 2X-16-14-22

Section 16 Township 14S Range 22E Unit \_\_\_\_\_ County Uintah, Utah

4770 Ft. of 5 1/2 Casing Recovered

1180 Ft. of 8 5/8" Casing Recovered

### PLUGS SET

1. 12 Sax Cement Set At 8838 Ft. To 8738 Ft.
2. 21 Sax Cement Set At 4818 Ft. To 4718 Ft.
3. 50 Sax Cement Set At 1220 Ft. To 1120 Ft.
4. 70 Sax Cement Set At 256 Ft. To 156 Ft.
5. 30 Sax Cement Set At Surface Ft. To \_\_\_\_\_ Ft.
6. \_\_\_\_\_ Sax Cement Set At \_\_\_\_\_ Ft. To \_\_\_\_\_ Ft.
7. \_\_\_\_\_ Sax Cement Set At \_\_\_\_\_ Ft. To \_\_\_\_\_ Ft.
8. \_\_\_\_\_ Sax Cement Set At \_\_\_\_\_ Ft. To \_\_\_\_\_ Ft.

Other Cap welded over surface & regulation  
marker erected. Location cleaned. mud  
was circulated between plugs.

RIPPY, INC.

Signed

W. J. Rippey Jr.

1100  
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43

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

SUBMIT IN TRIPLICATE\*  
(See instructions on reverse side)

15

SUNDRY NOTICES AND REPORTS

(Do not use this form for proposals to drill or to deepen a well. Use back to a different section of the form for such proposals.)  
Use "APPLICATION FOR PERMIT" for such proposals.

RECEIVED  
NOV 07 1988

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-20962 DKTA
2. NAME OF OPERATOR Arch Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1512 Larimer St., Suite 300, Denver, CO 80202		7. UNIT AGREEMENT NAME Pine Spring
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FSL & 1920' FEL, Sec. 16, T14S, R22E		8. FARM OR LEASE NAME State of Utah
14. PERMIT NO. 43-047-30621	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6983' GR	9. WELL NO. 2X-16-14S-22E
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR ABRA Sec. 16, T14S, R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

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

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

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

Well Plugged and Abandoned 09/28/88 as follows:

1. Plug #1 12 sx set at 8838' - 8738'.
2. Cut & pulled 5 1/2" casing at 4770'.
3. Plug #2 21 sx set at 4818' - 4718', across 5 1/2" casing stub.
4. Cut & pulled 8 5/8" casing at 1170'.
5. Plug #3 50 sx set at 1220' - 1120', across 8 5/8" casing stub.
6. Plug #4 70 sx set at 256' - 156', across surface casing shoe.
7. Plug #5 30 sx set at surface.
8. Mud circulated between all cement plugs.
9. Welded cap on surface pipe & erected regulation dry hole marker.

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

SIGNED Tommy [Signature] TITLE Operations Manager DATE 11/03/88

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY: