

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

5. Lease Designation and Serial No.

U-12965

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

b. Type of Well

Oil Well

Gas Well

Other (801)

Single Zone

Multiple Zone

8. Farm or Lease Name

Federal

2. Name of Operator

Jan Christiansen - ph 261-1604

9. Well No.

21-1

3. Address of Operator

Box 63, Salt Lake City, Utah 84110

10. Field and Pool, or Wildcat

Cisco (Greater Cisco Area)

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

At surface 738.4' NSL, 2392.3' WEL, Sec 21 T21S R24E, SLB&M

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

SW 1/4 Sec 21 T21S R24E SLB&M

At proposed prod. zone (738' FSL + 2392' FEL - SW SE) N/A

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

3.5 miles SE of Cisco, Utah

12. County or Parrish

Grand

13. State

Utah

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

738.4'

16. No. of acres in lease

40

17. No. of acres assigned to this well

40

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

None

19. Proposed depth

1,016' Entrada

20. Rotary or cable tools

Rotary

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

4,216' GR

22. Approx. date work will start\*

January 31, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
11"	8-5/8"	24#	150'	125 sks
6-3/4"	4-1/2"	10.5#	1,016'	200 sks

We propose to rig up and drill an Entrada test to 1,016'. The Morrison and Dakota will be perforated, stimulated and tested.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE: 1/13/81

BY: [Signature]

RECEIVED

JAN 5 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.

Signature

[Signature]

Title

Engineer

Date

Dec. 31, 1980

(This space for Federal or State office use)

(303) 245-1958

Permit No.

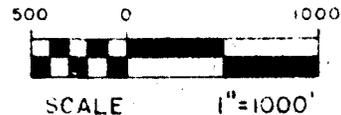
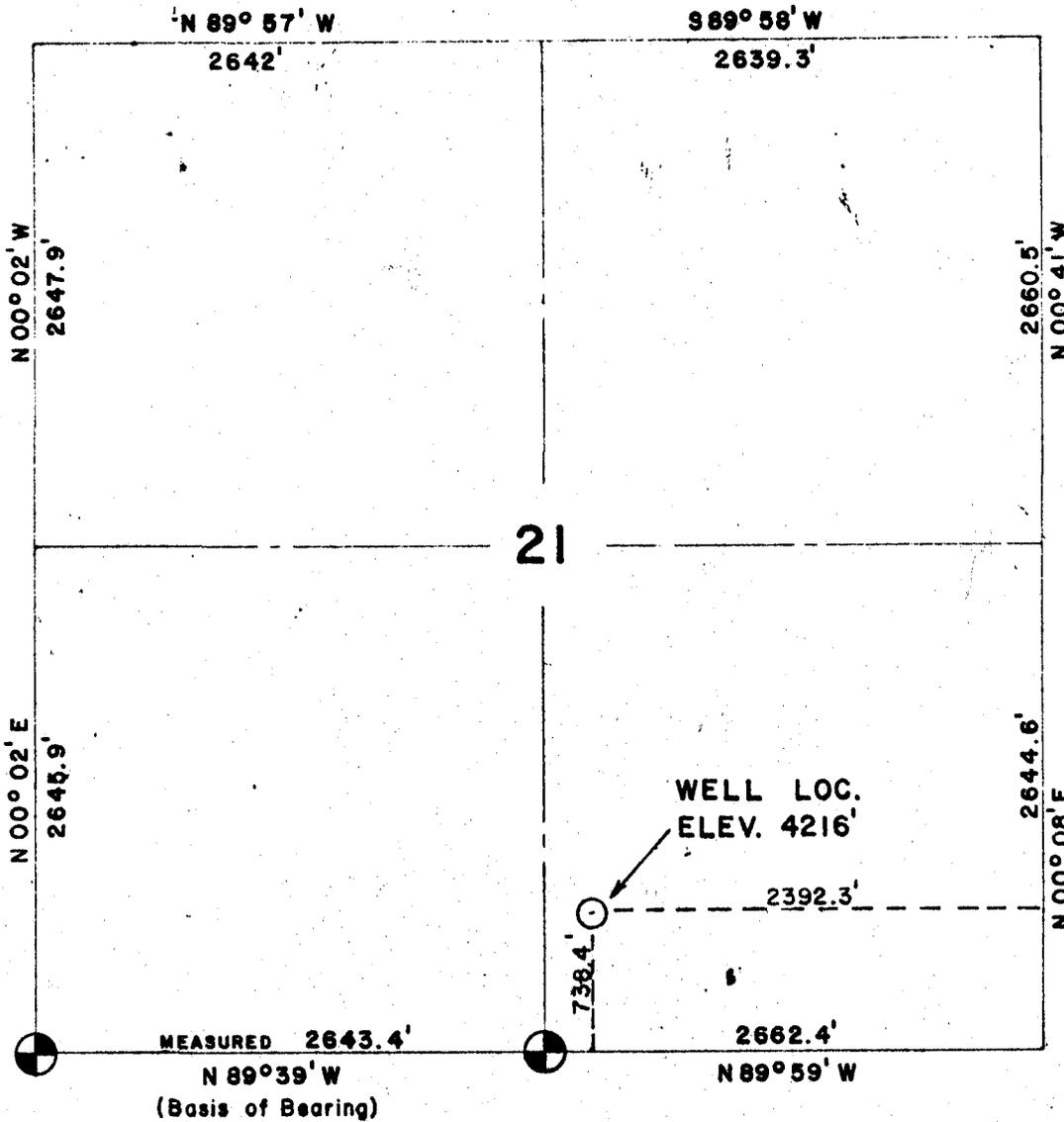
Approval Date

Approved by

Title

Date

Conditions of approval, if any:




 FD. U.S. B.L.M.  
 BRASS CAP

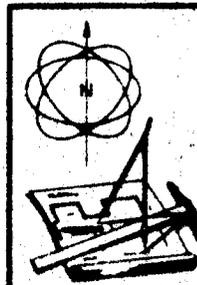
WELL LOCATION  
 738.4 FT. N.S.L. — 2392.3 FT. W.E.L. *Wise*  
 SECTION 21, T.21S., R.24E., S.L.B.&M.  
 GRAND COUNTY, UTAH

**SURVEYOR'S CERTIFICATE**

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Edward A. Armstrong*

EDWARD A. ARMSTRONG F.E. & L.S. 4464



ARMSTRONG ENGINEERS and ASSOCIATES, INC.  
 ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING  
 861 ROOD AVENUE GRAND JUNCTION, COLORADO 81501 (303) 245-3861

SCALE 1"=1000'  
 DATE 12/29/80  
 DRAWN BY LHS  
 CHECKED BY EAA  
 DATE OF SURVEY 12/24/80

JAN CHRISTIANSEN  
 FEDERAL — 21-1

SHEET 1 of 4

JOB NUMBER  
 803179

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST,           , SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-12965

OPERATOR: JAN CHRISTIENSEN

WELL NO. 21-1

LOCATION: NW 1/4 SW 1/4 SE 1/4 sec. 21, T. 21S, R. 24E, 5LM

GRAND County, UTAH

1. Stratigraphy: STRATIGRAPHY PROPOSED IS REASONABLE

MANCOS - SURFACE

DAKOTA - 216'

MORRISON - 376'

ENTRADA - 966'

T.D. 1,016'

2. Fresh Water: FRESH WATER MAY OCCUR IN SAND LENS OF THE  
MANCOS SHALE AND THE DAKOTA SANDSTONE,

3. Leasable Minerals: NONE

4. Additional Logs Needed: NONE

5. Potential Geologic Hazards: NONE ANTICIPATED

6. References and Remarks: -

Signature: Larry Richardson

Date: 1-7-81

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Jan Christensen Fed 21-1

Project Type Development Oil Test

Project Location 738.4' ESL 2392.3' FEL Sec. 21, T21S, R24E, Grand Co., Utah

Date Project Submitted January 5, 1981

FIELD INSPECTION Date January 19, 1981

Field Inspection

Participants	<u>Bill Bunguardner</u>	<u>Operator's representative</u>
	<u>Leonard Lewis</u>	<u>Galley Construction</u>
	<u>Elmer Duncan</u>	<u>Bureau of Land Management</u>
	<u>Glenn Doyle</u>	<u>U. S. Geological Survey</u>

Typing In & Out: 1/27/81

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.

January 26, 1981  
Date Prepared

Glenn M. Doyle  
Environmental Scientist

I concur

1/29/81  
Date

Ed [Signature]  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 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)						
1. Public health and safety					1, 2				
2. Unique characteristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant					1, 2		6		
7. National Register historic places	1 - 1/26/81								
8. Endangered/threatened species	1 - 1/26/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached.

Site-Specific Stipulations

1. Rotate the location  $180^{\circ}$  to place the blooie/reserve pit in the NW corner away from the wash to the east.
2. Fence the reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.

\*\* FILE NOTATIONS \*\*

DATE: January 12 1981  
OPERATOR: Jan Christensen  
WELL NO: Federal 21-1  
Location: Sec. 21 T. 21S R. 24E County: Grand

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

API Number 43-019-30767

CHECKED BY:

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

Director: OK order in case 102-16B  
\_\_\_\_\_

\*2-3-81 Administrative Aide: Order # 102-16B. Needs lease ownership  
map outline, OK on bndry lines; OK on O&G wells, none w/in  
(will send in map as per tele conv.)

APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. 102-16B, 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 Secd. Plotted on Map

Hot Line  P.I.  Approval Letter Written

1350' of well.

January 22, 1981

Jan Christiansen  
Box 63  
Salt Lake City, Utah 84110

Re: Well No. Federal 21-1  
Sec. 21, T. 21S, R. 24E  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with the Order issued in Cause No. 102-16B, dated September 26, 1979.

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 (Acquifers) 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 43-019-30767.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Cleon B. Feight  
Director

/ko  
cc: USGS



# United States Department of the Interior

IN REPLY REFER TO

3100  
(U-603)

BUREAU OF LAND MANAGEMENT  
Moab District  
Grand Resource Area  
P. O. Box M  
Moab, Utah 84532

January 27, 1981

## Memorandum

To: Oil & Gas Office, USGS Conservation Division,  
P.O. Box 3768, Grand Jct., CO 81501

From: Acting Area Manager, Grand

Subject: Jan Christensen  
Federal 21-1, Lease #U-12965  
SW/SE Section 21, T. 21 S., R. 24 E., SLB&M  
Grand County, Utah

On January 19, 1981, a representative from this office met with Glenn Doyle, USGS, and Bill Bumguardner agent of Jan Christensen for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Jan Christensen.

Enclosures (3)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities

U. S. GEOLOGICAL SURVEY  
OIL AND GAS OPERATIONS  
RECEIVED

JAN 26 1981

GRAND JUNCTION, COLORADO



*Save Energy and You Serve America!*

## STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 48 hours prior to beginning construction of access road and pad.

Stockpile the surface 16 inches of topsoil in a wind-row on the north end of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be on location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS, and USFS publication).

If production is obtained, all production facilities will be painted. (See enclosed suggested colors to paint production facilities).

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed upon at the pre-drill field exam -

### Access

1. Leave existing road as it is from county road north to a deep wash. This is a distance of approximately 900 feet.
2. A low water crossing will be installed in the wash. Caution must be taken when constructing this crossing. There is some old rusty pieces of pipe in the wash that are remains of a water line to Cisco. Disturbance of any existing line during construction of the crossing will be the responsibility of the Leasee and any infraction costs will be borne by him.
3. Maximum surface disturbance at the crossing will be held to 25 feet.

4. If the well is a producer, a culvert will be installed. The size will be determined later by BLM and Leasee, cooperatively. Access will enter the location at the south end.

#### Location

1. Rotate the rig layout 180 degrees to put the bloopie pit in the northwest corner and the reservoir along the west side.
2. Reduce the surface disturbance to 150 feet wide by 200 feet long.
3. The pit(s) will be fenced during the drilling period on three sides with 48 inch high woven wire. Two strands of barbed wire will be placed along the top for support. The fourth side will be fenced prior to rig removal.

#### Restoration of the Surface

##### Non-Producer

1. The wash (dry water crossing) will be restored to as near the surrounding area as you can. Banks of wash will be seeded.
2. Existing road between the county road and wash will be left open. Any disturbed area beyond the present road will be seeded.
3. Access from the wash to the well pad and the well pad will be closed to any travel, recontoured, ripped and seeded.

SEED MIXTURE

SPECIES

LBS/ACRE

Grasses

Hilaria jamesii	Curley grass	1
Sporobolus airoides	Alkali sacaton	1
Distictlis stricta	Salt grass	1

Shrubs

Atriplex canescens	Four-wing saltbush	1
Atriplex gardnari	Castle Valley clover	<u>1</u>
		5



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

## SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
Desert Tan	-----
Sage Gray	(Pratt & Lambert)

### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

**NIELSEN & SENIOR**

A PROFESSIONAL CORPORATION

ATTORNEYS AND COUNSELORS

1100 BENEFICIAL LIFE TOWER  
36 SOUTH STATE STREET

POST OFFICE BOX 11808  
SALT LAKE CITY, UTAH 84147  
TELEPHONE (801) 532-1900

RAYMOND T. SENIOR  
ARTHUR H. NIELSEN P.C.  
JOSEPH L. HENRIOD  
MICHAEL GOTTFREDSON  
DALE JAY CURTIS  
RICHARD J. LAWRENCE  
GARY A. WESTON  
EARL JAY PECK  
BRENT D. WARD  
RICHARD G. ALLEN  
KENT B. SCOTT  
STEPHEN L. HENRIOD  
CLARK R. NIELSEN  
B. KENT LUDLOW  
DAVID M. SWOPE  
JONATHAN L. REID  
BRUCE J. NELSON  
THOMAS L. MONSON  
DAVID L. RASMUSSEN  
JEFFERY M. JONES  
LAWRENCE S. SKIFFINGTON  
GARY E. JUBBER  
JOHN K. MANGUM  
JAMES L. CHRISTENSEN  
DENISE M. GREENLAW  
JANE H. WISE

RECEIVED

JAN 28 1981

FORMERLY:  
SENIOR & SENIOR

NIELSEN, HENRIOD,  
GOTTFREDSON & PECK

OF COUNSEL

RAYMOND B. HOLBROOK

DIVISION OF  
OIL, GAS & MINING

TELEPHONE (801) 532-1913

January 26, 1981

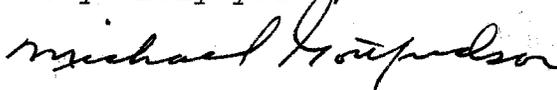
State of Utah  
Division of Oil, Gas & Minerals  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Jan R. Christensen

Gentlemen:

Jan R. Christensen has an ownership interest, subject to a security interest and our ownership interest, in and to the east half of the southwest quarter of property held in my name adjacent to property he has made application to drill on. I have no objection to Jan R. Christensen drilling on his property 248 feet from the boundary of the property we jointly own.

Very truly yours,



Michael Gottfredson

MG/cep

cc: Mr. Christensen

February 4, 1981

Jan Christianson  
P. O. Box 63  
Salt Lake City, Utah 84110

\* ALSO ADVISED OF THIS MATTER  
VIA PHONE - 2/11/81

Re: Well No. Federal 21-1  
Sec. 21, T. 21S, R. 24E  
Grand County, Utah

Please be advised that with the Application for Permit to Drill the above location, a lease ownership map is still required to be filed with this office.

If you have any questions, please do not hesitate to call this office.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Kathy Ostler*  
Kathy Ostler  
Administrative Aide

cc: well file  
attachment: Sundry Notice approval

October 19, 1981

Jan Christiansen  
P.O. Box 63  
Salt Lake City, Utah 84110

Re: Well No. Federal #21-1  
Sec. 21, T. 21S. R. 24E.  
Grand County, Utah

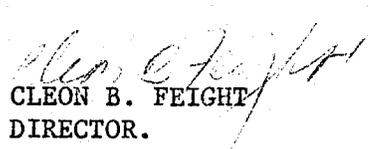
Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of January 22, 1981, is hereby terminated for failure to complete with the letter dated February 4, 1981, asking for the lease ownership map, as required by cause number 102-16B, dated September 28, 1979.

If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,  
Very truly yours,

DIVISION OF OIL, GAS, AND MINING

  
CLEON B. FEIGHT  
DIRECTOR.

# Memorandum

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO:

Moab District

3104

Rec'd GRA

APR 23 1984 (U-065)

To : State Director, Utah (U-942)

FROM : District Manager, Moab (U-065)

SUBJECT : Lease Termination and Bond Default

Date:

APR 19 1984

RE: Lease: U-12965  
 Well No.: 1-21  
 Location: Sec. 21, T. 21 S., R. 24 E.

The above referenced lease terminated on January 31, 1981 (see Enclosure A). However, reclamation work was never done (see Enclosure B). We are therefore requesting your office to immediately initiate bond forfeiture proceedings in accordance with BLM Manual, Utah State Office Supplement 2064.47B2.1D(b).

Restoration and plugging costs are estimated to be less than \$10,000 on the lease. A more accurate estimate will be provided.

Contact Lynn Jackson or Tom Hare in the MDO if you have further questions.

Enclosures:  
 Enclosure A  
 Enclosure B

cc: Grand Resource Area

bcc: Tom Hare

THare:wjm:4/18/84

/S/ GENE NODINE

# RECEIVED

JAN 11 1985

DIVISION OF  
OIL, GAS & MINING

- Bill: there is a contract being prepared for the work to be done, thru the BLM, Moab District office.

3-1-87

COMPANY: BLM - Moab UT ACCOUNT # \_\_\_\_\_ SUSPENSE DATE: 1/26/87

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: Carol Friediger

CONTACT TELEPHONE NO.: 1-259-6111

SUBJECT: Fed. 21-1 Cinnamon Pet #3  
SWSE Sec. 21 T 21s R. 24E NWNE Sec. 5 T 22s R. 24E.  
U-12965 U-20047-B

(Use attachments if necessary)

RESULTS: Will send info + see if fed inspection and/or action  
is necessary.

(Use attachments if necessary)

CONTACTED BY: Claudia Jones

DATE: 1/19/87

Claudia,  
Please put in  
suspense with  
evidence of BSM  
request. Route  
after BSM reply  
M

\* 901129 Bfm/S.L.  
Spud 1-31-81  
No other info. for

Lease U-12965  
terminated 1-31-81  
Pa'd eff. 5-8-89.

Vicky,

Due to lack of follow up  
info, leave these wells  
as LA, but make notation  
on cards plus inter  
in computer with  
appropriate notation.

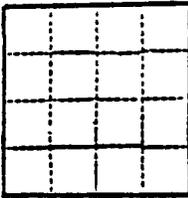
Shank's

Morrison

12-8-87

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
CONSERVATION DIVISION

CER #225-81  
Sec. 21  
T. 21S  
R. 24E  
SLB & Mer.  
43-019-30767  
Ref. No. 27



INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date January 29, 1981

Land office Utah State Utah  
Serial No. 12965 (Closed 1/31/81) County Grand  
Lessee Jan Christensen Field Cisco  
Operator Jan Christensen District Salt Lake City  
Well No. 21-1 Subdivision SW SE  
Location 738' FSL & 2392' FEL

Drilling approved JAN 30 1981, 19\_\_ Well elevation 4216 GR feet  
Drilling commenced 1/31, 1981 Total depth \_\_\_\_\_ feet  
Drilling ceased \_\_\_\_\_, 19\_\_ Initial production \_\_\_\_\_  
Completed for production \_\_\_\_\_, 19\_\_ Gravity A. P. I. \_\_\_\_\_  
FAN  
Abandonment approved May 8, 1989 Initial R. P. \_\_\_\_\_

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depth	Contents
Mancos				

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1981												
1984				4/19/84 LEASE TERM & BOND HELD								
1989				FAN/SRA Approved 5/8/89								

REMARKS \_\_\_\_\_

U-922