

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

5. Lease Designation and Serial No.

U-14349

6. If Indian, Allottee or Tribe Name

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

R. L. Jacobs Oil and Gas Co.

3. Address of Operator

2467 Commerce Blvd, Grand Junction, Colo 81501

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

2492 FNL, 2373 FEL, S-28, T-18S, R-24E, SLB&M, Grand County, Utah  
At proposed prod. zone  
Same as above **SWNE**

7. Unit Agreement Name

8. Farm or Lease Name

Sulphur Springs No. 4

9. Well No.

10. Field and Pool, or Wildcat

~~Wildcat~~ **Greater Cisco Area**

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

S-28, T-18S, R-24E

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

19 miles NNE Cisco, Utah

12. County or Parrish 13. State

Grand County, Utah

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

2374 feet

16. No. of acres in lease

2560 Acres

17. No. of acres assigned to this well

160 Acres (gas), 20 Acres (oil)

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

None

19. Proposed depth  
4000 feet

20. Rotary or cable tools

Rotary

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

4981 GR

22. Approx. date work will start\*

Nov 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13 1/2	8-5/8	24	200	Circ to surface
7-3/4	4 1/2	10.5	TD	As required

**APPROVED BY THE DIVISION OF OIL, GAS, AND MINING**

DATE: 3/30/81

BY: [Signature]

Contractors: own tools

Blowout Prevention Equipment

Regan Torus BOP, Series 600; 3000 psi, with hydraulic closing unit

BOP tested to 1000 psi after surface pipe set, then daily

Grant rotating head above BOP

Full shutoff gate valve on well head and blooie line.

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 Leonard Collins

Title Controller

Date August 30, 1980

(This space for Federal or State office use)

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

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

Conditions of approval, if any:



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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name R.L. Jacobs O.L & Gas Company  
 Project Type wildcat Gas - Lease U-14349  
 Project Location Sublet Springs #4, sec 28 T18S R24E  
 Date Project Submitted 10-28-80

FIELD INSPECTION

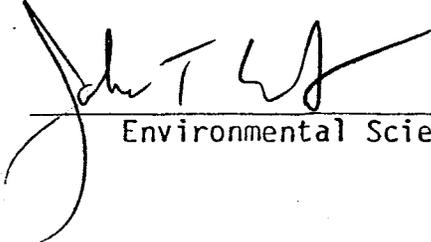
Date 12-10-80

Field Inspection Participants

Tom Harrison - Jacobs  
Mical Walker BLM  
Dave Iles Iles construction  
Craig Irie NW pipeline  
John Dore NW pipeline  
Elmer Arkin BLM  
John Evans GS

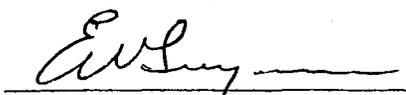
I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

JAN 16, 81  
 Date Prepared

  
 Environmental Scientist

I concur

1/20/81  
 Date

  
 District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

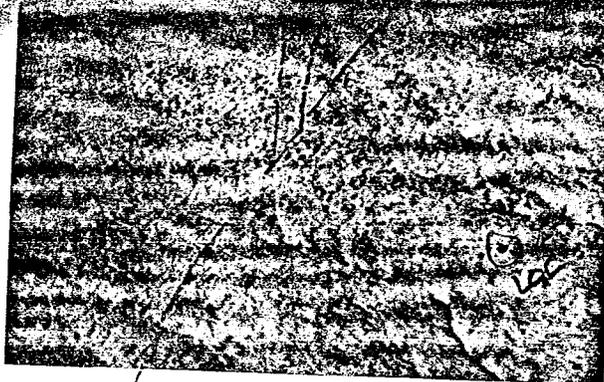
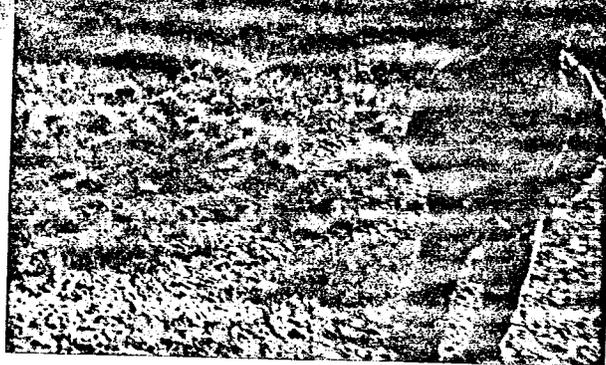
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)	(date)					
1. Public health and safety	BLM Dec 24, 80			APP	OIL & Gas Leasing EAP			Dec 10, 80	BLM stip
2. Unique characteristics									
3. Environmentally controversial									
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, tribal law									

Subject to Standard GS conditions of Approval & BLM stipulations of Dec 24, 80.

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement





# 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

DEC 24 1980

## Memorandum

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

From: Area Manager, Grand

Subject: R.L. Jacobs Oil & Gas Company  
Sulphur Springs #4, Lease U-14349  
SW/NE Section 28, T. 18 S., R. 24 E., SLB&M  
Grand County, Utah

On December 10, 1980, a representative from this office met with John Evans, USGS, and Thomas Harrison agent of Jacobs Oil & Gas Company for an inspection of the above referenced location. Subject to the attached conditions and written approval from U.S.G.S., 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 R. L. Jacobs Oil & Gas Co.

*M. Scott Parker*

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

DEC 29 RECD

## 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 12 inches of topsoil in a wind-row on the northeast quadrant 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 subsurface 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. An existing trail goes from the SW/SW Section 33, northerly into the center of W $\frac{1}{2}$ W $\frac{1}{2}$  Section 28, T. 18 S., R. 24 E. and SLB&M. This trail will require upgrading in a few areas, sharp turns reduced, low water crossing constructed in each drainage.
2. Approximately one-half mile of new access road will be constructed from a point near the southeast corner SW/NW Section 28, easterly through the SE/NW and to the well location near the center of the south boundary line SW/NE Section 28, T. 18 S., R. 24 E., SLB&M.
3. Any soils and vegetation removed from the one-half mile of road will be windrowed along the north side of the road. The 60 foot drop off the plateau to the location will be constructed through a natural drainage to the pad.

## Location

1. Pit(s) will be fenced with 48 inch high woven wire with barbed wire along the top during the drilling operation. The fourth side will be fenced prior to rig removal.
2. The reserve pit(s) will be 100 feet long, by 25 feet wide by 80 feet deep.
3. The pad size will be 150 feet wide by 250 feet long.
4. If the well is a non-producer the access road and pad will be closed to traffic, cleaned up, ripped, topsoil replaced and both road and pad seeded by drilling the seed into the ground.

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay berms into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

SEED MIXTURE

SPECIES

LBS/ACRE

Grasses

Oryzopsis hymenoides  
Hilaria jamesii

Indian rice grass  
Curley grass

1  
1

Forbs

Sphaeralcea coccinia

Globemallow

1

Shrubs

Atriplex confertifolia  
Atriplex canescens  
Ceretoides lanata

Shadscale  
Four wing saltbush  
Winterfat

1  
1  
1  
6



# 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.



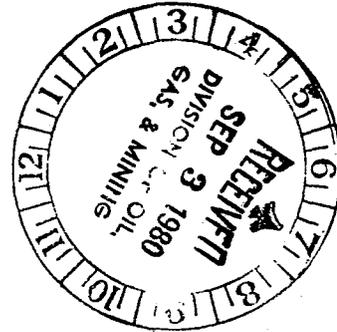
# JACOBS DRILLING, INC.

EXPLORATION  
Oil & Gas Well  
DRILLING CONTRACTOR

2467 COMMERCE BLVD.  
GRAND JUNCTION, CO 81501  
(303) 243-7814

September 2, 1980

Mr. Cleon B. Feight, Director  
Utah Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116



Dear Mr. Feight:

Enclosed herewith are four additional wildcat APD's for our Sulphur Springs lease, to add to the one I gave you last week when I visited your office. All five well sites meet the 4960 foot minimum spacing requirements of State rule C-3. However, well numbers 1A, 4, and 6 do not meet the 500 foot quarter-quarter section line spacings, due to topographical reasons (such as being in the bottom of a 70 foot deep gully, or on a 30 degree slope, etc.), and we would ask you to put these three wells on the agenda for your regularly scheduled September Board meeting, in the hope that the board might grant an exception for these wells. All wells are at least 500 feet from our lease lines, so no correlative rights are at stake.

We are submitting the five APD's to the USGS this week, in the hope that we could receive the permits in time to support a November 1, 1980 spud date. Please let us know if you receive any objections (it's always possible, you know), so that we can be in attendance, if necessary, at the hearing.

Thank you very much for all your assistance, during the past two weeks...it's been appreciated!

Sincerely,

R. L. JACOBS OIL AND GAS COMPANY

Thomas D. Harrison, Engineer

\*\* FILE NOTATIONS \*\*

DATE: October 29, 1980  
OPERATOR: R. L. Jacobs Oil & Gas Co.  
WELL NO: Sulpher Springs #4  
Location: Sec. 28 T. 185 R. 24E County: Grand

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

API Number 43-019-30786

CHECKED BY:

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

Director: OK Rule C-3C Topo exception

Administrative Aide: C-3(c) too close to 'w' and 'S' boundary lines; too close to proposed #4 (GW) in Sec. #21-

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 OK on lease within a 660' radius of proposed site

Lease Designation 3ed. Plotted on Map

Approval Letter Written

Hot Line  P.I.

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  
 R. L. Jacobs Oil and Gas Company

3. ADDRESS OF OPERATOR  
 2467 Commerce Blvd, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with BLM requirements.)  
 At surface  
 SW NE Sec. 28, T-18S, R-24E, SLB&M  
 At proposed prod. zone  
 2375' FEL, ~~2491' EST~~ ~~2495' FNL~~ *Location Change* FEB 19 1981

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 18 miles NE Cisco, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 2375'

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 none

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4991' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-3/4"	32 lb.	200'	Circ. to surface
7-3/4"	4 1/2"	10.5 lb.	TD	As required

It is planned to drill a well at the above stated location to test the hydrocarbon production possibilities of the sands in the Dakota, Cedar Mt., Morrison, and Entrada formations. The well will be drilled to a point inside of the Entrada, or to the point of major production, whichever is the lesser depth.

The well will be drilled with rotary tools, using air for circulation. The surface casing will be set at about 200 ft. depth, and cemented with returns to the surface. A blowout preventer with hydraulically operated blind and pipe rams will be installed on top of the surface casing; and a rotating head will be used on top of the blowout preventer. Fill and kill lines (2") will be connected below the blind rams. Any gas encountered will be flared at the end of the blowout line, and roughly gauged for volume through 2" line, after the pipe rams have been closed. A float valve will be used in the bottom drill collar at all times. A prognosis for the well is attached.

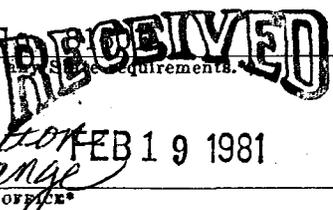
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED Leonard Collier TITLE Controller DATE Sept. 24, 1980

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY (Orig. Sgd.) R. A. Henricks TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE FEB 18 1981

NOTICE OF APPROVAL  
 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  
 Production Facilities and Flowline NOT Approved  
*State Oil & Gas*



Feb 27 1981

Dear Jack:

These ~~5~~ <sup>(applications)</sup> wells, were submitted to you in October, and approved by you <sup>(verbally)</sup>, subject to the 1-A being moved to be at least 200ft from the East line of Section 30. The well was moved as shown in enclosed plat.

Wells No. ~~3~~, and 4 have approved APD's <sup>(USGS + DLM)</sup> with 1A expected to have final approval in 2

weeks. We plan to spud No. 2 on approximately March 15, then follow with No. 4, then No. 1A.

Note - leases expire on May 1, 1981., unless drilled.

~~3~~

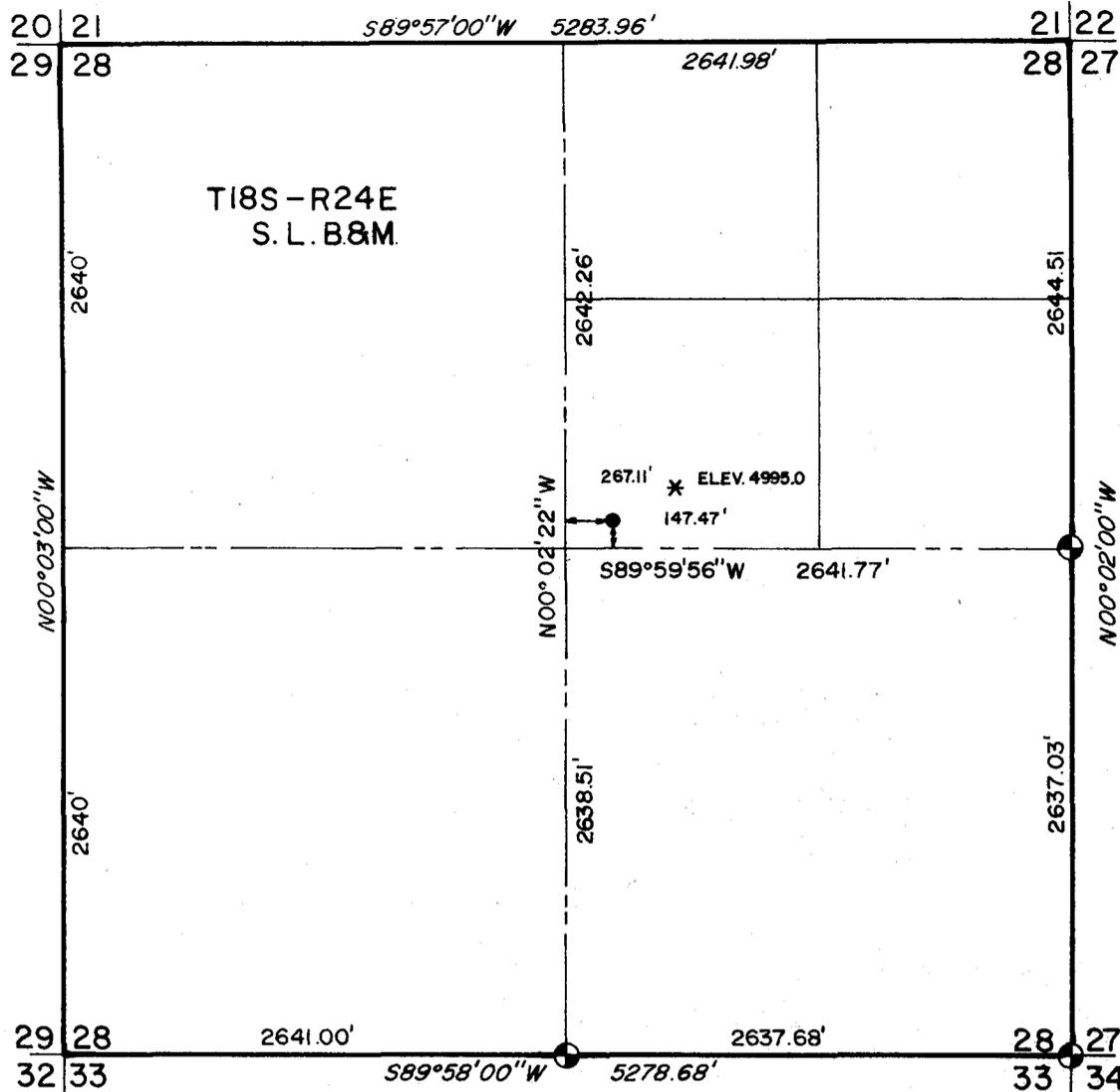
Wells No. 3 + 6 are awaiting an environmental assessment by USGS prior to approving APD. All other paper work is in.

If there are any problems, please call me at once at (303) 242-5321, + put in <sup>for an</sup> **RECEIVED** exception in the March hearing. Thanks a lot.

Sincerely,

Tom Harrison

MAR 2 1981  
DIVISION OF  
OIL, GAS & MINING



**NOTES:**

INFORMATION GIVEN IN VERTICAL LETTERING IS DERIVED FROM FIELD SURVEYS MADE ON AUGUST 25, 1980.

INFORMATION GIVEN IN SLANT LETTERING IS CALCULATED BASED ON GLO DATA

⊕ INDICATES GLO SECTION CORNER FOUND AS SHOWN

⊙ INDICATES GLO 1/4 CORNER FOUND AS SHOWN

ELEVATION BASED ON MEAN SEA LEVEL

○ INDICATES PROPOSED DRILL HOLE

\* 500' OFFSET TO 1/4 SECTION LINE IS IMPRACTICAL DUE TO TOPOGRAPHY.



THIS CERTIFIES THAT ON THE 25th. DAY OF AUGUST, 1980 A SURVEY WAS MADE UNDER MY SUPERVISION OF THE ABOVE SHOWN DRILL HOLE LOCATION, AND THAT ALL INFORMATION PERTINENT TO SAID SURVEY IS ACCURATELY SHOWN ON THE ABOVE PLAT.

*William G. Ryden*  
 COLORADO REGISTERED LAND SURVEYOR  
 L.S. No. 9331

**RECEIVED**

<b>COLORADO WEST SURVEYING COMPANY</b> COMPREHENSIVE LAND PLANNING COMPLETE SURVEYING SERVICE  835 COLORADO AVENUE GRAND JUNCTION, COLORADO 81501 303-245-2767	NO.	DATE	REVISION	BY
	JACOBS DRILLING COMPANY			MAR 2 1980
DRILL HOLE # 4 LEASE # U14349 SW 1/4 NE 1/4 DIVISION OF SECTION 28 T18S-R24E SALT LAKE B&M OIL, GAS & MINING				

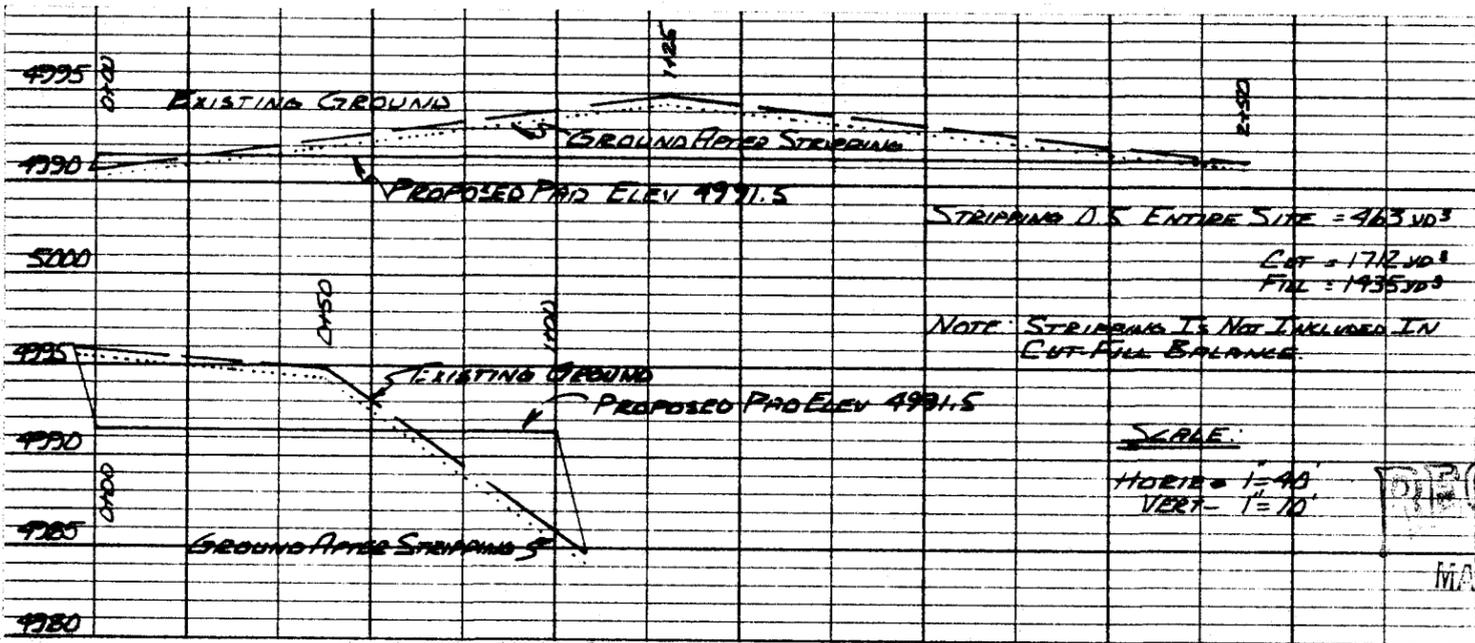
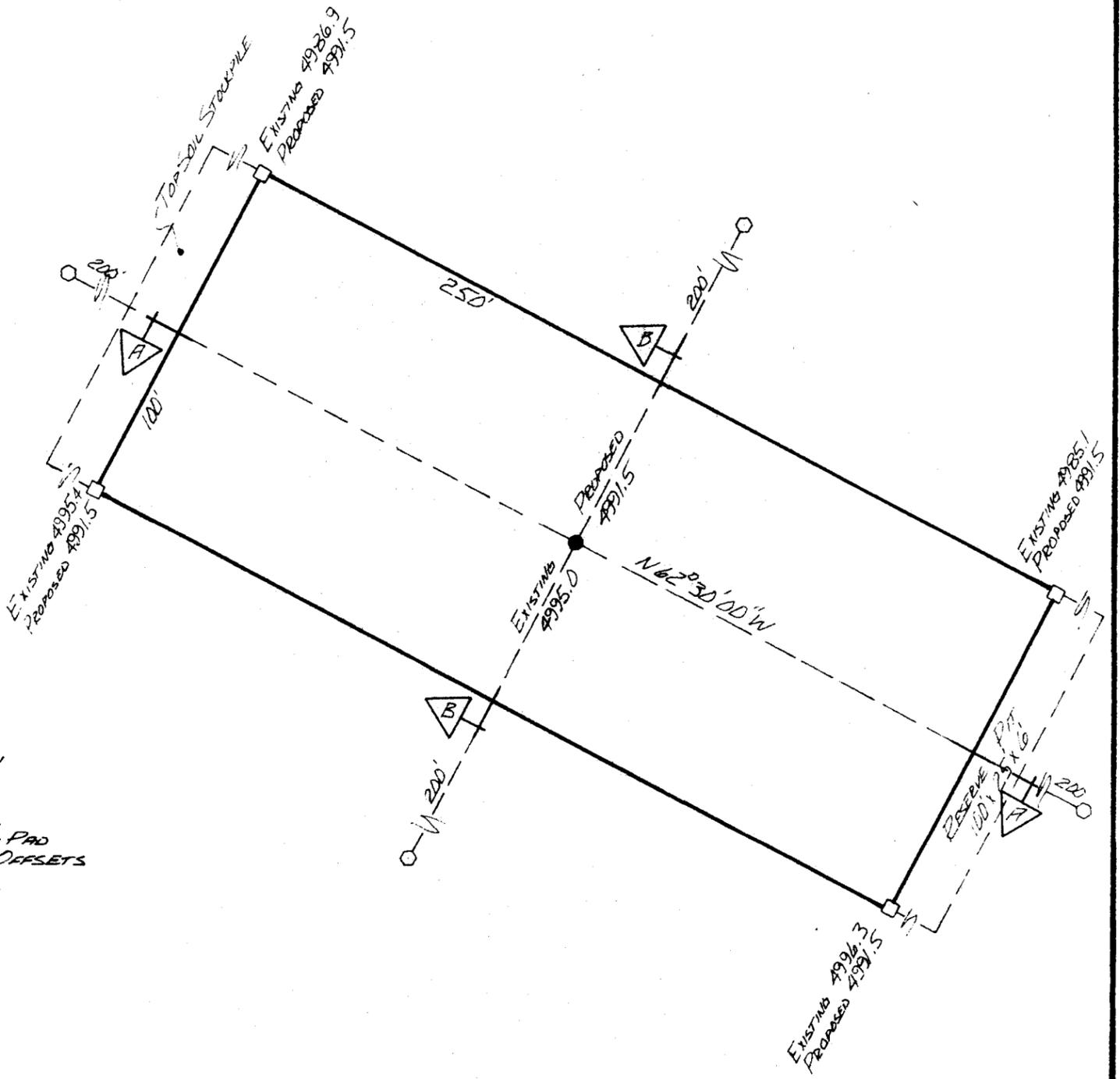
SCALE 1" = 1000'

DATE 09-03-80 DES DR S. Ryden CK WGR



SCALE 1"=40'

- PROPOSED WELL
- STAKES MARKING PAD
- STAKES MARKING OFFSETS



RECEIVED

MAR 2 1981

DIVISION OF OIL, GAS & MINING

  
**COLORADO WEST SURVEYING COMPANY**  
 COMPREHENSIVE LAND PLANNING  
 COMPLETE SURVEYING SERVICE  
 835 Colorado Avenue  
 Grand Junction, Colorado 81501  
 303 245-2767

NO.	DATE	REVISION	BY
<b>JACOBS DRILLING COMPANY</b>  DRILL HOLE #4 LEASE # U14349 SW 1/4 NE 1/4 SECTION 28 T18S-R24E SALT LAKE BASE & MERIDIAN			
DES.	CK. W.G.R.	SLM 8-5B-0	SHEET 1
DR. S. Heuler	DATE 09-03-80		OF 1

March 31, 1981

R. L. Jacobs Oil & Gas Company  
2467 Commerce Blvd.  
Grand Junction, Colorado 81501

Re: Well No. Sulphur Springs #4  
Sec. 28, T. 18S, R. 24E, SW NE  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to o/g well on said unorthodox location is hereby granted in accordance with Rule C-3(c), 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 43-019-30786,

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS

OIL & GAS CONSERVATION COMMISSION

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  
**R.L. JACOBS OIL AND GAS Co.**

3. ADDRESS OF OPERATOR  
**2467 COMMERCIAL BLVD. GRAND JCT. Co. 81501**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **2375' FEL, 2495' FNL**

At top prod. interval reported below

At total depth

14. PERMIT NO. **43-019-30786** DATE ISSUED **3-30-81**

5. LEASE DESIGNATION AND SERIAL NO. **U-14349**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME **NA**

7. UNIT AGREEMENT NAME **NA**

8. WELL OR LEASE NAME **FEDERAL**

9. WELL NO. **SULPHER SPRINGS #4**

10. FIELD AND POOL, OR WILDCAT **WILDCAT**

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA **SEC. 28, T-18S, R-24E**

12. COUNTY OR PARISH **GRAND** 13. STATE **UTAH**

15. DATE SPUDDED **4-28-81** 16. DATE T.D. REACHED **5-2-81** 17. DATE COMPL. (Ready to prod.) \_\_\_\_\_ 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **4991' GR.** 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD **3625** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS  CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* \_\_\_\_\_ 25. WAS DIRECTIONAL SURVEY MADE **YES**

26. TYPE ELECTRIC AND OTHER LOGS RUN **DUAL INDUCTION** 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
<b>8 5/8</b>	<b>24#</b>	<b>206'</b>	<b>12 1/4</b>	<b>55 SACKS</b>	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<b>NA</b>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

**NA**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

33. PRODUCTION

DATE FIRST PRODUCTION **NA** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS **DUAL INDUCTION LATEROLOG**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED **Leonard Collins** TITLE **CONTROLLER** DATE **May 22, 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 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 30.

**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.	GEOLOGIC MARKERS	
	MEAS. DEPTH	TRUE VERT. DEPTH			NAME	MEAS. DEPTH
DAKOTA SILT	2740	2881		SALT & PEPPER SAND STONE	2740	
CEDAR MTN.	2882	2976		CONGLOMERATE SAND STONE	2882	
MORRISON	2977	3549		FINE GREEN-WHITE SAND STONE	2977	
ENTRADA	3550	3625		COARSE GRAIN SAND WHITE-ORANGE	3550	

**38. GEOLOGIC MARKERS**

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DAKOTA	2740	
CEDAR MTN.	2882	
MORRISON	2977	
ENTRADA	3550	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

PJA

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

4-14349

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR

R.L. JACOBS OIL AND GAS Co.

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR

2467 Commerce Blvd. GRAND Jct. Co. 81501

9. WELL NO.

SULPHUR SPRINGS #4

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

10. FIELD AND POOL, OR WILDCAT

WILDCAT

2375' FEL, 2495' FNL.

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

SEC. 28, T-18S, R-24E

14. PERMIT NO.

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

4991' GL

12. COUNTY OR PARISH 13. STATE

GRAND UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(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.)\*

- 1) DRY HOLE MARKER IS IN PLACE.
- 2) DRILL SITE AREA CLEANED-UP.
- 3) LOCATION HAS BEEN GRADED AND RESTORED

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

SIGNED

*Leonard Collins*

TITLE

Controller

DATE

July 14, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: