

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals

RECEIVED

97 NOV 20 PM 12:45

070 FARMINGTON, NM

SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Golden Resources, Inc.

3. Address and Telephone No.  
550 Post Oak Blvd. Ste. #550, Houston, Texas 77027 505-327-4892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1850' FSL & 1750' FWL, Sec. 27, T24N, R4W

5. Lease Designation and Serial No.  
Jicarilla 70

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
Jicarilla 70 - 8

9. API Well No.

10. Field and Pool, or Exploratory Area  
Lindreth Dakota-Gallup

11. County or Parish, State  
Rio Arriba, NM.

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☒ Conversion to Injection  
☐ Dispose Water  
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. 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.)\*

Golden Resources, Inc. intends to convert the Jicarilla 70-8 into a commercial disposal well as per the attached procedure.

RECEIVED  
APR 14 1998  
OIL CON. DIV  
FBI

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

Signed John C. Thompson (John C. Thompson) Title Agent/Engineer for Golden Resources Date 11/18/97

(This space for Federal or State office use)

Approved by Patricia M. Hester Title Lands and Mineral Resources Date 4/18/98  
Conditions of approval, if any: approval for injection well - injection subject to EPA - NM & BIA requirements

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



ENGINEERING & PRODUCTION CORP.

RECEIVED  
BLM

97 NOV 26 PM 12:45

PROGNOSIS FOR  
**Golden Resources**  
**Jicarilla #70-8**

070 FARMINGTON, NM

Location: Section K27 T24N R4W  
Rio Arriba, New Mexico

Date: October 26, 1997

Field: Lindreth Dakota/Gallup

Elev: KB 7019'

Elev: GL 7007'

Surface: Jicarilla Apache

4-1/2" @ 7449'

Lease Number: Jicarilla 70

PBTD @ '

Existing Perfs: 6110' - 7290'

**Procedure:**

**Prior to Move in:**

1. Check for anchors and dig reserve pit if necessary.

**Squeeze Greenhorn & Dakota:**

2. Move on location and rig up service unit. Hold safety meeting. Blow well down and kill with water, if necessary.
3. ND WH & NU BOP. TOH with 234 jts (7257') of 2-3/8" tubing. Tally & visually inspect tbg. while TOH. Replace any bad jts.
4. TIH with cement retainer on 2-3/8" tubing. Set retainer at 6985'. Load backside w/ water & hold #100 of pressure. Establish an injection rate with water into the Dakota perfs. Mix & pump 74 sx (87.3 cu. ft.) of Class "B" cement (100% excess). **Monitor backside while pumping cement.** Sting out of retainer leaving 1 bbl of cement on top of retainer. TOH w/ tbg.

**Squeeze Gallup:**

5. PU 4-1/2" x 2-3/8" packer & TIH on 2-3/8" tbg. Set packer at 6910'. Load backside w/ water & hold #100 of pressure. Establish an injection rate into Gallup perfs. Mix & pump 27 sx (31.9 cu. ft.) of Class "B" cement (200% excess). **Monitor backside while pumping cement.**
6. Displace cement below packer and hesitate squeeze. Maximum squeeze pressure is 1500 psi. Leave at least 50' of cement above the top perf. Release RBP and pull out of hole approximately 200' (6700'). Reverse tbg. clean. Reset packer and pressure up on squeeze again. WOC.
7. Release packer & TIH to confirm cement top. Pressure test casing to #1000. If pressure test fails, set packer and determine location of leak. Re-squeeze as if necessary.

#### **Perforate & Acidize Point Lookout**

8. If pressure test is OK, Pull up to 5174' and spot 500 gal of 15% HCl. TOH w/ tbg. RU perforators and perforate Point Lookout 4 spf at the following depths: 4978'-4998', 5010'-5080' and 5110' - 5170' (total of 600 holes.)
9. Acidize Point Lookout w/ 2000 gals. of 15% HCl. Pump acid w/ 300 (1.3 SG) ball sealers. RIH w/ junk basket. Run junk basket to at least 5250' to knock balls off perms & recover as many balls as possible.

#### **Injection Test**

10. Pick up 4-1/2" X 2-3/8" packer and TIH. Set packer at 4800'. Load the annulus and pressure up to 100 psi. Monitor annulus pressure during injection test. Inject water down the tubing and into the Point Lookout formation, starting at 1/4 BPM and increasing rate in 1/4 BPM increments. Maximum injection pressure is 1200 psi. Record all rates and pressures. TOH and lay down packer.

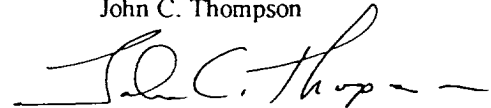
#### **Install injection string**

11. If injection rates and pressures are satisfactory, TIH with plastic lined packer with on-off tool and on 2-3/8" plastic lined tubing.
12. Circulate packer fluid down backside and set packer at 4927'.
13. Release rig and move off location

#### **Install surface facilities**

14. Install injection pump and surface facilities.
15. Run step rate injection test and casing integrity test per EPA and NMOCD requirements.

John C. Thompson

A handwritten signature in black ink, appearing to read 'J.C. Thompson', with a horizontal line extending to the right.

Engineer

# WALSH ENGINEERING & PRODUCTION CORP.

10/27/97: jct

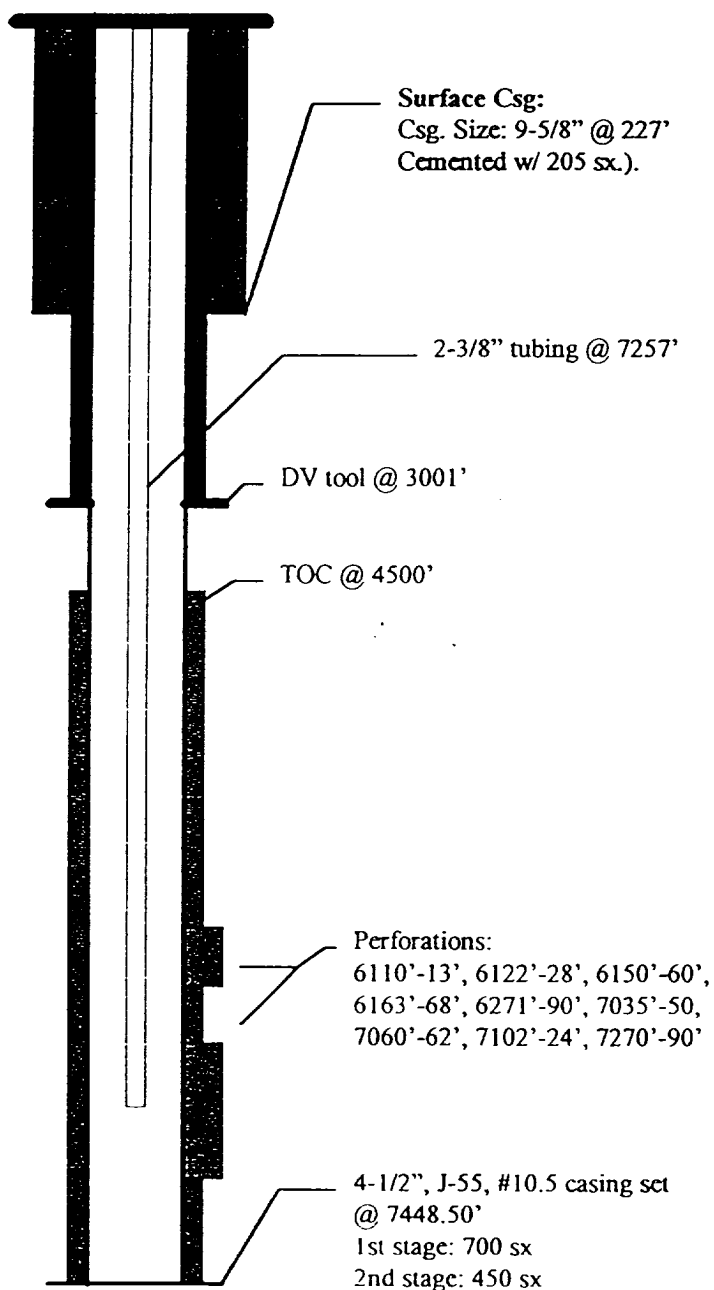
**Jicarilla #70-8**  
1850' FSL & 1750' FWL  
Sec 27 T24N R4W  
Rio Arriba, NM

## Current Status

Elevation: 7007', KB: 12'

### Formation Tops:

Ojo Alamo:	2400'
Pictured Cliffs:	2858'
Chacra:	3225'
Cliffhouse:	4435'
Pt. Lookout:	4977'
Gallup:	6094'
Greenhorn:	7004'
Dakota "A":	7085'
Dakota "D":	7228'
Burro Canyon:	7330'



# WALSH ENGINEERING & PRODUCTION CORP.

10/27/97: jca

**Jicarilla #70-8**  
1850' FSL & 1750' FWL  
Sec 27 T24N R4W  
Rio Arriba, NM

## Injection Status

Elevation: 7007', KB: 12'

### Formation Tops:

Ojo Alamo:	2400'
Pictured Cliffs:	2858'
Chacra:	3225'
Cliffhouse:	4435'
Pt. Lookout:	4977'
Gallup:	6094'
Greenhorn:	7004'
Dakota "A":	7085'
Dakota "D":	7228'
Burro Canyon:	7330'

