

EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
Prima Oil and Gas Company  
Scofield Thorpe 22-41  
NE/4 SE/4, Sec. 22, T12S, R7E, SLB & M  
2438' FSL, 1011' FEL  
Carbon County, Utah

1. The Geologic Surface Formation

Blackhawk Formation of the Mesaverde Group

2. Estimated Tops of Important Geologic Markers

Star Point	700'
Upper Blue Gate	1,400'
Emery	2,000'
Lower Blue Gate	4,000'
Ferron	6,000'
Tununk	6,500'
Dakota	6,800'

3. Projected Gas & Water Zones

Emery	2,000' – 4,000'
Ferron	6,000' – 6,500'
Dakota	6,800' – 7,000'

Groundwater may be encountered within the Blackhawk, Star Point and Emery Sandstones. Water encountered will be reported on a Form 7 "Report of Water Encountered During Drilling".

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 2000 psi.

**CONFIDENTIAL**

4. The Proposed Casing and Cementing Programs

Casing Program –

HOLE SIZE	SETTING DEPTH (INTERVAL)	SIZE (OD)	WEIGHT, GRADE & JOINT	CONDITION
12-1/4"	2,000'	9-5/8"	36# J-55 ST&C	New
8-3/4"	6,000'	7"	23# J-55 ST&C	New

Cement Program –

Surface Casing: 890 sacks Type II w/ 2% CaCl;  
Weight: 14.5 # / gal  
Yield: 1.41 cu.ft / sk

Intermediate Casing:

Lead -- 520 sacks Prem. Lite II  
Weight: 11.0 # / gal  
Yield: 3.46 cu.ft / sk

Tail -- 305 sacks Prem. Lite (High Strength)  
Weight: 13.0 #/gal  
Yield: 1.97 cu.ft/sk

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A 10" or 11" 3,000 psi Double gate Hydraulic BOP with one (1) blind ram and one (1) pipe ram and Annular Preventer; equipped with a 3,000 psi automatic choke manifold. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Log Book. Physical operation of the BOP will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

<u>INTERVAL</u>	<u>TYPE</u>	<u>WEIGHT</u>	<u>VISCOSITY</u>
0 - 6,000'	Freshwater	8.3 - 8.8	35 - 50
2,950' - 7,800'	Freshwater polymer	8.6 - 9.0	45 - 60

7. The Testing, Logging and Coring Programs are as followed

Testing -

DST's are planned in the Emery and Ferron formations (& possibly in the Dakota).  
Test intervals will be determined from logs.

Logging -

Surface - TD                      Gamma Ray, Density, Neutron, Porosity, Induction, Caliper

Coring --

4 cored intervals within the Emery:  
Core intervals will be determined from logs.

3 cored intervals within the Ferron:  
Core intervals will be determined from logs.

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in The area nor at the depths anticipated in this well. Bottom hole pressure expected is 1700 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx.: September 2001.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E"  
Multipoint Surface Use Plan

Attached to UDOGM Form 3  
Prima Oil and Gas Company  
Scofield Thorpe 22-41  
NE/4 SE/4, Sec. 22, T12S, R7E, SLB & M  
2438' FSL, 1011' FEL  
Carbon County, Utah

**1. Existing Roads**

- a. The proposed access road will encroach the paved-surfaced SR-96 under Utah Department of Transportation Maintenance in which approval is received. The approach will be upgraded consistent with Utah Department of Transportation specifications.
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition. See Exhibit "B".
- c. An existing private road exists from SR-96 past the plugged and abandoned well site and further across the ridge. This road will be upgraded along its existing centerline and grade for the steep sections for a distance of approximately 12,500 feet.

**2. Planned Access**

No new access is required (See Exhibit "B")

- a. Maximum Width: None
- b. Maximum grade: None
- c. Turnouts: None
- d. Drainage design: Numerous - 18" culverts and other drainage structures will be required along the upgraded portion of the private road. Water will be diverted around the road as necessary and practical.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.
- f. Existing trees will be left in place where practical to provide screening and buffer areas.

### **3. Location of Existing Wells**

- a. See Exhibit "B". There are no proposed and one existing well within a one mile radius of the proposed location.

### **4. Location of Existing and/or Proposed Facilities**

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H".
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

### **5. Location and Type of Water Supply**

- a. Water to be used for drilling will be obtained from a local water source either Scofield Town (by well) or Price River Water Improvement District (a local source of municipal water) in which an agreement to purchase the water is still under negotiation.
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

### **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally from a private source and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

### **7. Methods for handling waste disposal**

- a. As the well is expected to be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a synthetic liner. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operations cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.

- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tanks until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

#### **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of trailers to be located on the drill site.

#### **9. Well-site Layout**

- a. Available topsoil will be removed from the location and stockpiled. Location of the rig, reserve and blooie pits, and drilling support equipment will be located as shown on Attachment "C".
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the blooie pit. The blooie pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

#### **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.

- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existed conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the well-site is to be abandoned, all disturbed areas will be re-contoured to the natural contour as is possible.

#### **11. Surface Ownership**

- a. The well-site and access road will be constructed on lands owned by Paul and Carolyn Jacob; 349 East 2<sup>nd</sup> South, Pleasant Grove, Utah 84062; 1-801-785-2300. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

#### **12. Other Information:**

- a. The primary surface use is wildlife habitat and grazing. The nearest dwelling is approximately 1,800 feet southwest. Nearest live water is Miller Canyon Creek 1,800' southwest.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The back-slope and fore-slope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations shall be on the well-site during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. **Company Representative**

Cindi Danner, Landman  
Prima Oil and Gas, Company  
1099 18<sup>th</sup> Street, Suite 400  
Denver, Colorado 80202  
1-303-297-2300

**Permitting Consultant**

Don Hamilton  
Environ. Man. / Proj. Coord.  
Talon Resources, Inc.  
375 South Carbon Ave. (A-10)  
Price, Utah 84501  
1-435-637-8781

**Excavation Contractor**

Larry Jensen  
Owner / Operator  
Nelco Construction, Inc  
758 South Fairgrounds Road  
Price, Utah 84501  
1-435-637-3495

**Mail Approved A.P.D. To:**

Company Representative

14. **Certification**

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Prima Oil and Gas Company and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

9-2-01  
Date

Don S. Hamilton  
Don S. Hamilton  
Environmental Manager / Project Coord.  
Talon Resources, Inc.

ORIGINAL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	5. Lease Designation and Serial Number: <b>Fee</b>
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	6. If Indian, Allottee or Tribe Name: <b>N/A</b>
1. Type of Well: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input checked="" type="checkbox"/>	7. Unit Agreement Name: <b>N/A</b>
2. Name of Operator: <b>Prima Oil and Gas Company</b>	8. Well Name and Number: <b>Scofield Thorpe 22-41</b>
3. Address and Telephone Number: <b>1099 18th St. Ste 400, Denver, CO 80202 1-303-297-2300</b>	9. API Well Number:
4. Location of Well Footages: <b>2438' FSL, 1011' FEL</b> County: <b>Carbon</b> QQ, Sec., T., R., M.: <b>NE/4 SE/4, Section 22, T12S, R7E, SLB&amp;M</b> State: <b>Utah</b>	10. Field or Pool, or Wildcat: <b>Wildcat</b>

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Request for Exception to State Spacing</u> Date of work completion _____  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Request for exception to spacing (state spacing rules) based on topography.**

**The well is located within 460' of the drilling unit boundary.**

ORIGINAL

13.

Name & Signature: *Cindi Danner* **Cindi Danner, CPL** Title: Landman Date: 9-6-01

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

0001

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1A. Type of Work: DRILL  DEEPEN   
 B. Type of Well: OIL  GAS  OTHER: SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator:  
Prima Oil and Gas Company

3. Address and Telephone Number:  
1099 18th St., Ste. 400, Denver, CO 80202 1-303-297-2300

4. Location of Well (Footages)  
 At Surface: 2438' FSL, 1011' FEL 4401076 N  
 At Proposed Producing Zone: 489778 E

5. Lease Designation and Serial Number:  
Fee  
 6. If Indian, Allottee or Tribe Name:  
N/A  
 7. Unit Agreement Name:  
N/A  
 8. Farm or Lease Name:  
Scofield Thorpe  
 9. Well Number:  
22-41  
 10. Field or Pool, or Wildcat:  
Wildcat  
 11. Qtr/Qtr, Section, Township, Range, Meridian:  
NE/4 SE/4, Section 22, T12S, R7E, SLB&M

14. Distance in miles and direction from nearest town or post office:  
3.1 miles northeast of Scofield, Utah  
 12. County: Carbon 13. State: Utah

15. Distance to nearest property or lease line (feet): 1557'  
 16. Number of acres in lease: 800 acres  
 17. Number of acres assigned to this well: 40  
 18. Distance to nearest well, drilling, completed, or applied for, or 71'  
 19. Proposed Depth: 8000'  
 20. Rotary or cable tools: Rotary  
 21. Elevations (show whether DF, RT, GR, etc.): 8457' GR  
 22. Approximate date work will start: September 2001

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8" J-55 ST&C	36 #	2000'	890 sacks Type II w/ 2% CaCl <sub>2</sub> ; 1.41 cu.ft / sack, 14.5 # / gal
8-3/4"	7" J-55 ST&C	23 #	6000'	Lead—520 sacks Prem. Lite II; 3.46 cu.ft / sack, 11.0 # / gal
6-1/8"	4-1/2" J-55 STC	11.6# liner	5700' to 8000'	Tail—305 sacks Prem. Lite (High str.); 1.97 cu.ft / sack, 13.0 # / gal 425-5XS Class 6 prem. 1.15 cu.ft / sack 15.8 # / gal

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-05-01  
 By: [Signature]

RECEIVED

SEP 10 2001

DIVISION OF  
OIL, GAS AND MINING

ORIGINAL

CONFIDENTIAL

24. Name & Signature: Cynthia A Danner Cindi Danner, CPL Title: Landman Date: 9-6-01

(This space for state use only)  
 API Number Assigned: 43-007-30811

Approval:

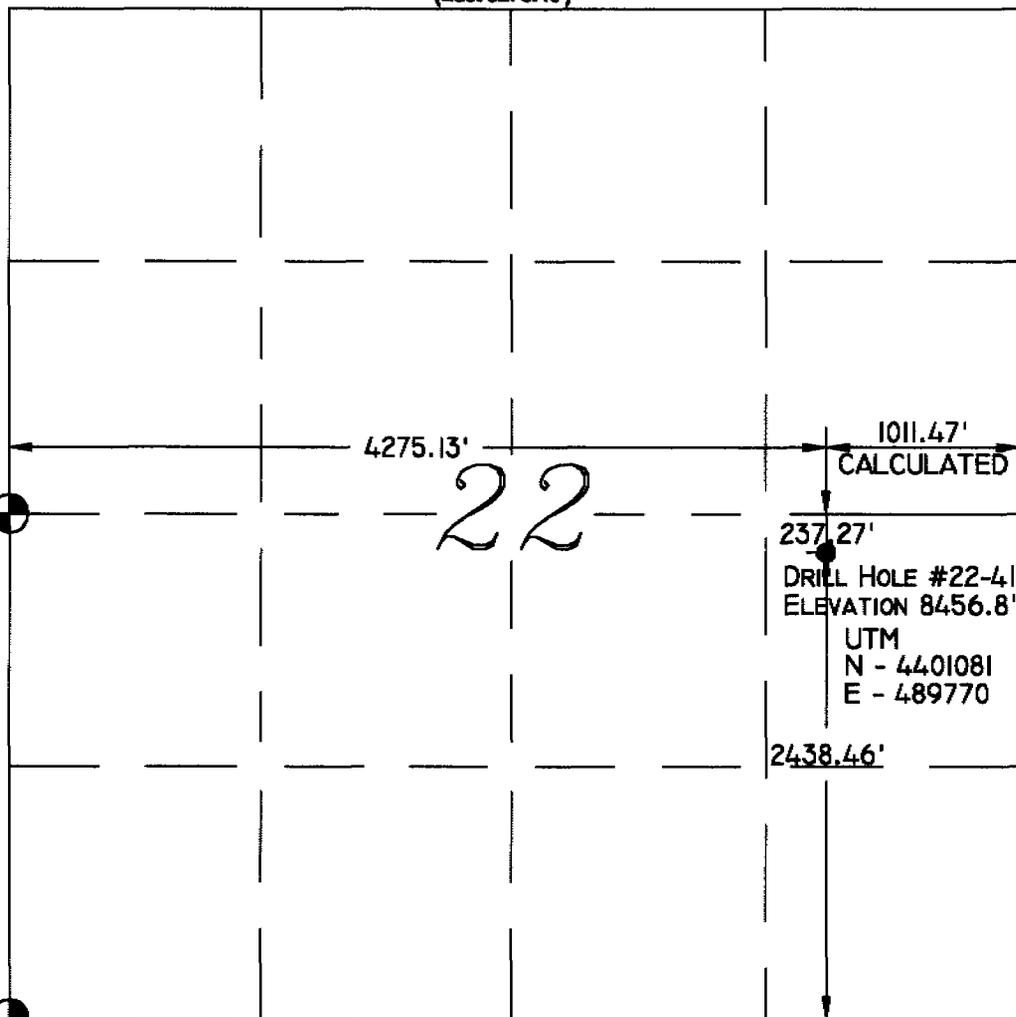
# Range 7 East

(East 5273.40')

Township 12 South

(North 5280')

N00°14'46"E - 2675.75'



(East 5286.6')

## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTES:

1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°45'41"N  
111°07'10"W

ORIGINAL

## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

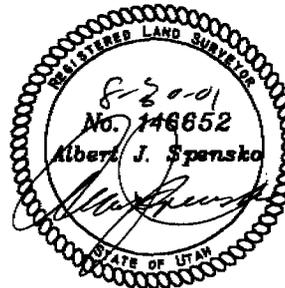
BASIS OF ELEVATION OF 7650' BEING AT A BENCH MARK IN THE NE 1/4, SE 1/4, OF SECTION 16, TOWNSHIP 12 SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE SCOFIELD RESERVOIR QUADRANGLE 7.5 MINUTE SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE NE 1/4, SE 1/4 OF SECTION 22, T12S, R7E, S.L.B.&M., BEING 237.27' SOUTH AND 4275.13' EAST FROM THE WEST QUARTER CORNER OF SECTION 22, T12S, R7E, SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603

Prima Oil & Gas Company  
Scofield Thorpe #22-41  
Section 22, T12S, R7E, S.L.B.&M.  
Carbon County, Utah

Drawn By  
J. STANSFIELD

Checked By  
L.W.J./A.J.S.

Drawing No.  
A-1

Date:  
08/24/01

Scale:  
1" = 1000'

Job No.  
412

Sheet 1 of 4

GRAPHIC SCALE

0 500' 1000'

( IN FEET )

1 inch = 1000 ft.

0003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/10/2001

API NO. ASSIGNED: 43-007-30811

WELL NAME: SCOFIELD THORPE 22-41  
OPERATOR: PRIMA OIL & GAS COMPANY ( N1695 )  
CONTACT: CINDI DANNER

PHONE NUMBER: 303-297-2300

PROPOSED LOCATION:

NESE 22 120S 070E  
SURFACE: 2438 FSL 1011 FEL  
BOTTOM: 2438 FSL 1011 FEL  
CARBON  
WILDCAT ( 1 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	7/19/02
Geology		
Surface		

LEASE TYPE: 4 - Fee  
LEASE NUMBER: FEE  
SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: DKTA

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[4]  
(No. 04127699 )
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit  
(No. PRWID )
- REC Review (Y/N)  
(Date: Dec 10-2-01 )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit
- R649-3-2. General
- Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: \_\_\_\_\_
- Eff Date: \_\_\_\_\_
- Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS:

Need Presite. (9-27-01)  
Need Production String info. (1/22/02) DKD ✓ rec'd July 19, 2002

STIPULATIONS:

1-Spacing stip. (9-27-01)  
2-Statement of basis.



*Talon Resources, Inc.*

Service, Quality and Accuracy

375 South Carbon Avenue A-10  
Suite 101  
Price, Utah 84501  
Phone: 435-637-8781  
435-637-5032 Ext 710/711

Cell: 801-650-1401  
801-650-1402  
Fax: 435-636-8603  
Email: talon@castlenet.com

September 7, 2001

Mr. John Baza  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Scofield Thorpe 22-41, Carbon County, Utah  
2438' FSL, 1011' FEL, Section 22, T12S, R7E, SLB&M.

Dear Mr. Baza:

On behalf of Prima Oil and Gas Company (Prima), Talon Resources, Inc. respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced well. A request for exception to spacing has also been included since the well is located within 460' of the drilling unit boundary. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats and layouts of the proposed well site;

Exhibit "B" - Proposed location maps with utility corridors and site photos;

Exhibit "C" - Drilling site layout;

Exhibit "D" - Drilling Program;

Exhibit "E" - Multi Point Surface Use Plan;

Exhibit "F" - Typical road cross-section;

Exhibit "G" - Typical BOP diagram;

Exhibit "H" - Typical wellhead manifold diagram.

**RECEIVED**

SEP 10 2001

DIVISION OF  
OIL, GAS AND MINING

**ORIGINAL**

**CONFIDENTIAL**

Please accept this letter as Prima's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mrs. Cindi Danner at Prima if you have any questions or need additional information.

Sincerely,

*Don Hamilton*  
Don Hamilton  
Environmental Manager / Project Coordinator

cc: Mr. Walt Lunsford, Prima  
Mrs. Cindi Danner, Prima  
Mrs. Lisa Morris, Prima  
Mr. Dave Levanger, Carbon County  
Prima Well File

08/29/01 Prima Oil & Gas Comp.

488000m E.

489000m E.

490000m E.

NAD27 Zone 12S 491000m E.

**PRIMA OIL & GAS COMPANY**

4403000m N.

4402000m N.

4401000m N.

4400000m N.

4399000m N.

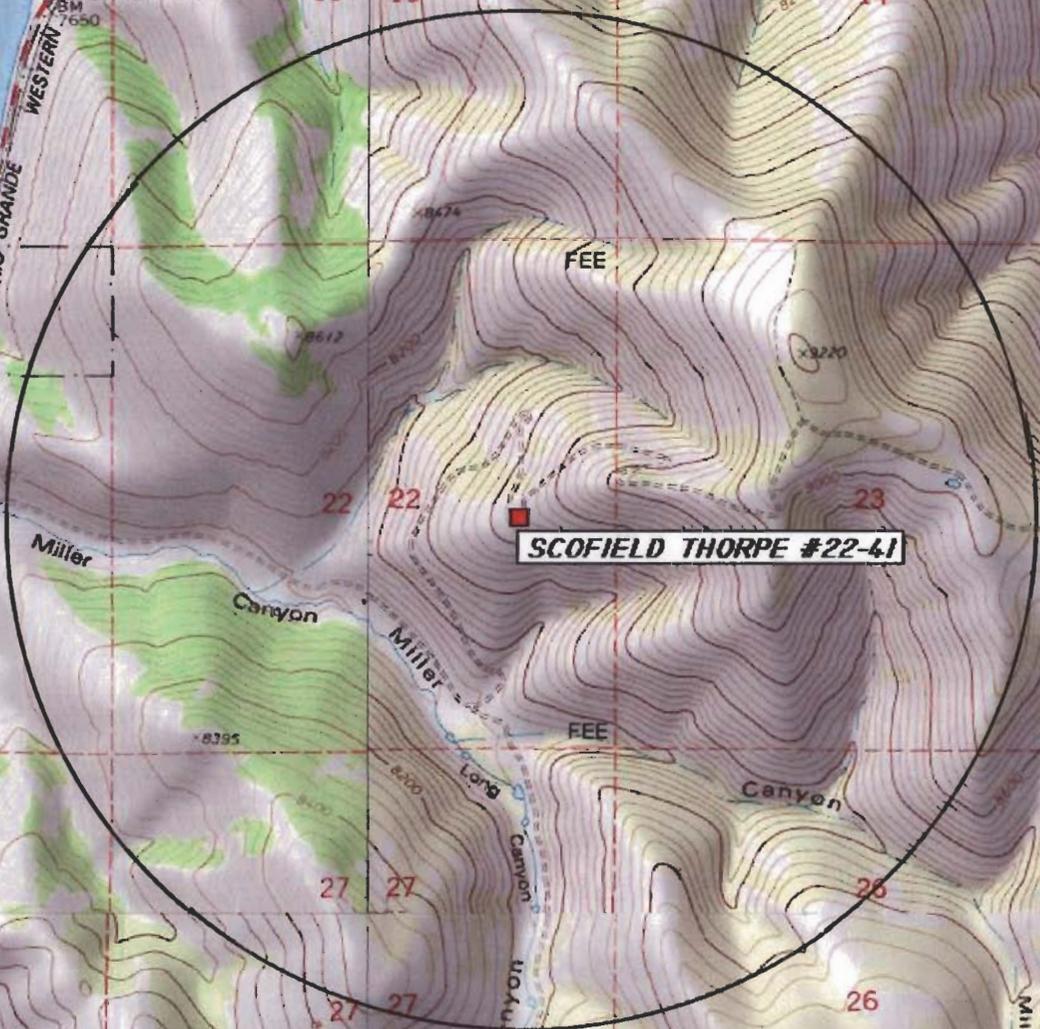
4403000m N.

4402000m N.

4401000m N.

4400000m N.

4399000m N.



**SCOFIELD THORPE #22-41**

**TALON RESOURCES INC.**

**375 S. CARBON AVE., SUITE 101**

488000m E.

489000m E.

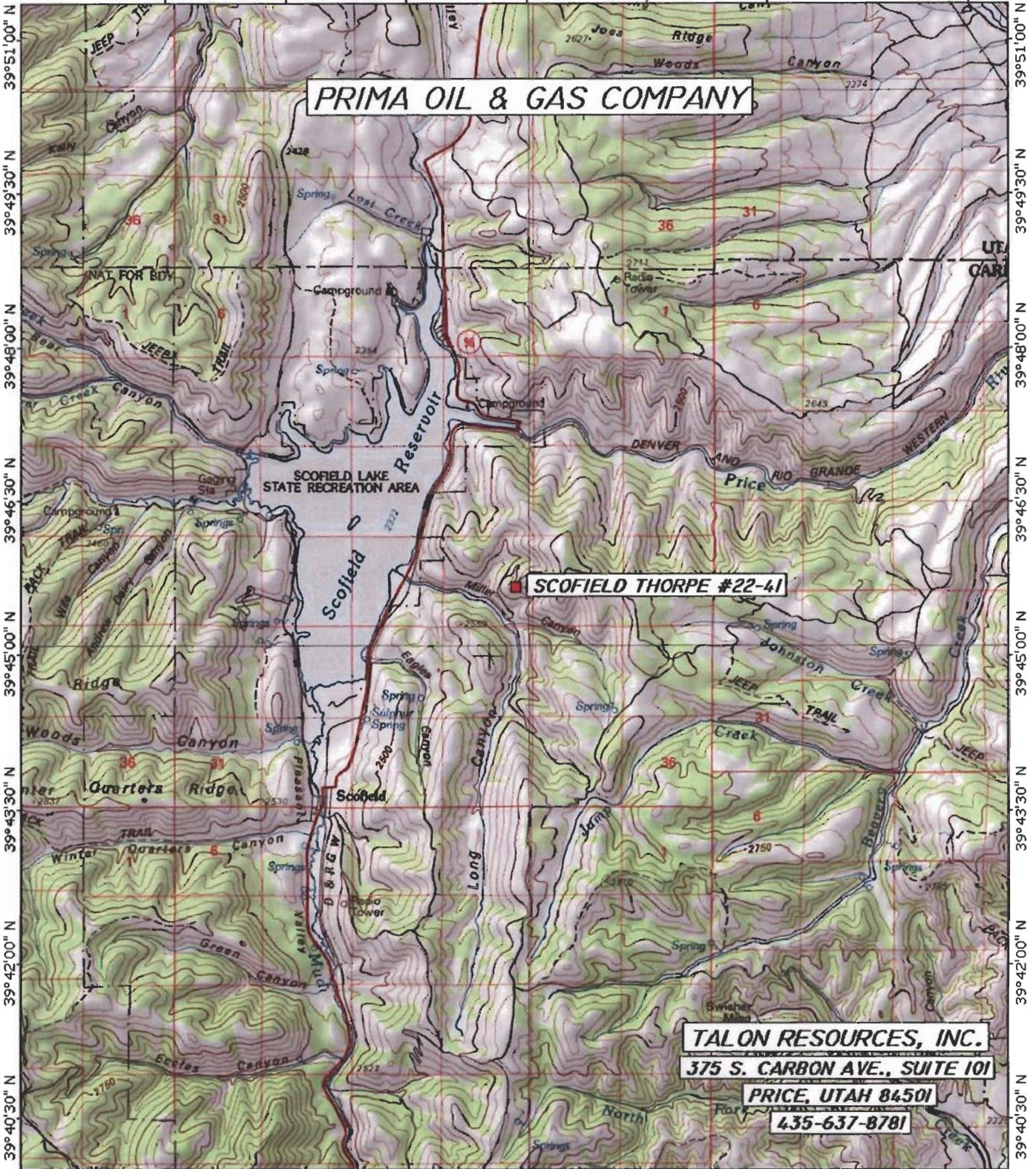
490000m E.

NAD27 Zone 12S 491000m E.

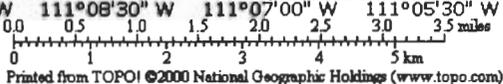


Printed from TOPO! ©2000 National Geographic Holdings (www.topo.com)

111°11'30" W 111°10'00" W 111°08'30" W 111°07'00" W 111°05'30" W 111°04'00" W NAD27 111°01'30" W



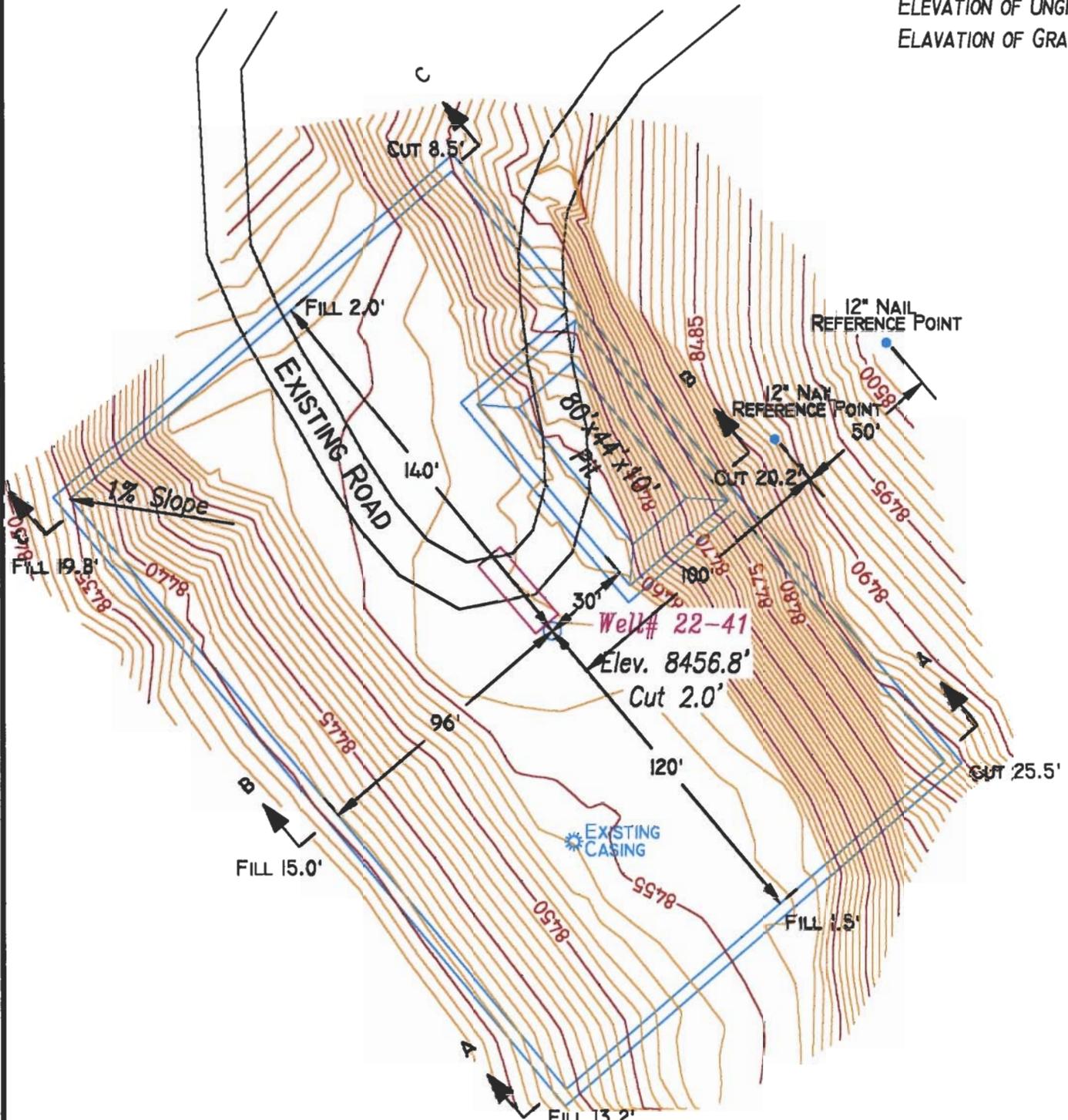
TN  
13°



Printed from TOPOI ©2000 National Geographic Holdings (www.topo.com)

111°11'30" W 111°10'00" W 111°08'30" W 111°07'00" W 111°05'30" W 111°04'00" W NAD27 111°01'30" W

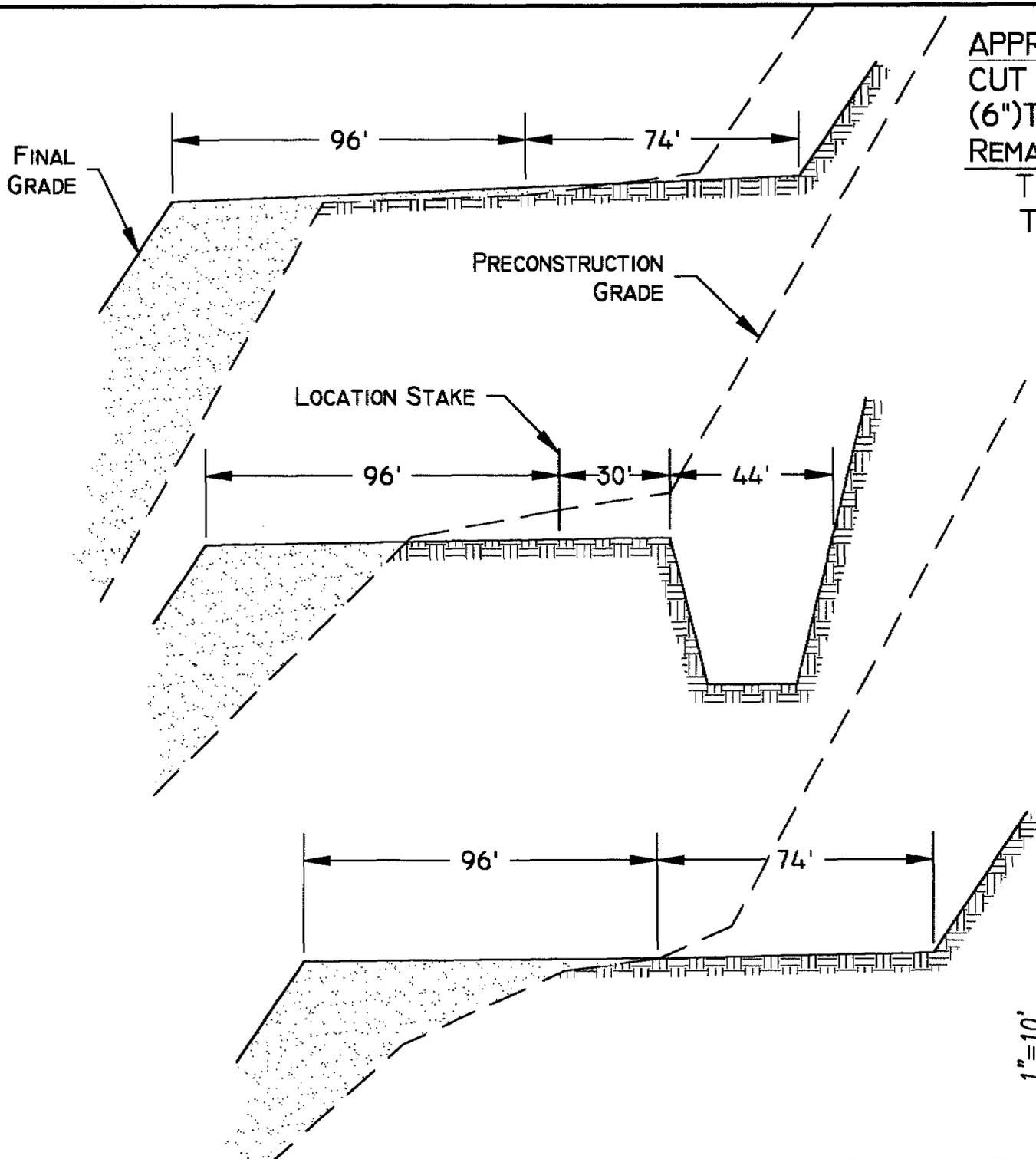
ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 8456.8'  
 ELAVATION OF GRADED GROUND AT LOCATION STAKE = 8456.3'



**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 101  
 Price, Utah 84501  
 Ph: 435-637-8781  
 Fax: 435-636-8603

**PRIMA OIL & GAS**  
**LOCATION LAYOUT**  
 Section 22, T12S, R7E, S.L.B.&M.  
**WELL# 22-41**

Drawn By: J. STANSFIELD	Checked By: L.W.J.
Drawing No. A-2	Date: 08/24/01
	Scale: 1" = 50'
	Job No.



**APPROXIMATE YARDAGES**

**CUT**  
 (6") TOPSOIL STRIPPING = 750 CU. YDS.  
 REMAINING LOCATION = 2,758 CU. YDS.  
**TOTAL CUT = 4,408 CU. YDS.**  
**TOTAL FILL = 3,728 CU. YDS.**

**SLOPE = 1 1/2 : 1**  
**(EXCEPT PIT)**  
**PIT SLOPE = 1 ; 1**

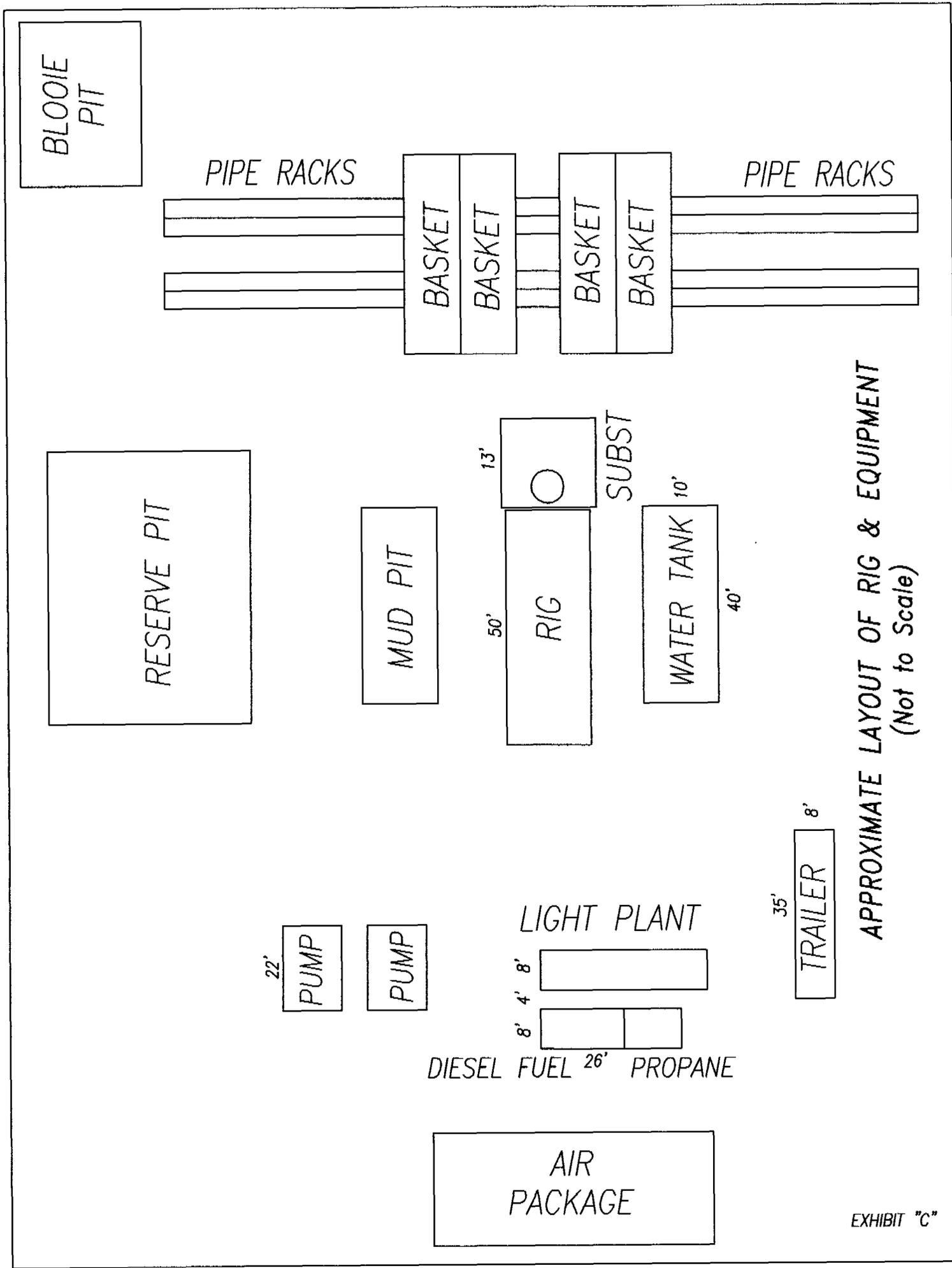


**Talon Resources, Inc.**  
 375 South Carbon Avenue, Suite 101  
 Price, Utah 84501  
 Ph: 435-637-8781  
 Fax: 435-636-8603

**PRIMA OIL & GAS**  
**TYPICAL CROSS SECTION**  
 Section 22, T12S, R7E, S.L.B.&M.  
**WELL# 22-41**

**1"=10'**  
**X-Section Scale**  
**1"=40'**

Drawn By: <b>J. STANSFIELD</b>	Checked By: <b>L.W.J.</b>
Drawing No. <b>C-1</b>	Date: <b>08/24/01</b>
	Scale: <b>1" = 40'</b>
Sheet <b>3</b> of <b>4</b>	Job No. <b>412</b>



APPROXIMATE LAYOUT OF RIG & EQUIPMENT  
(Not to Scale)

# TYPICAL ROAD CROSS-SECTION

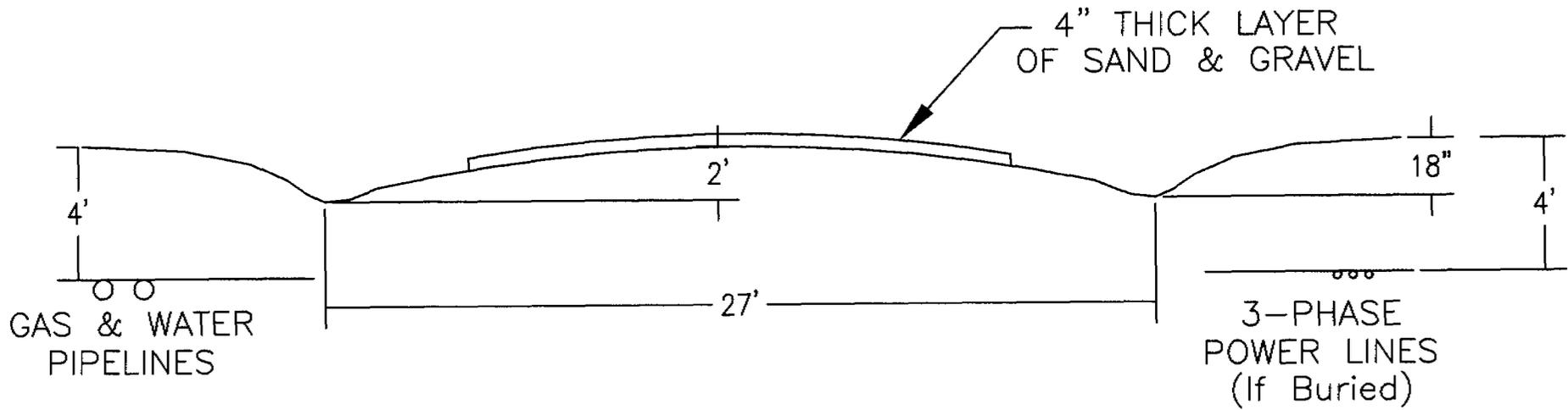
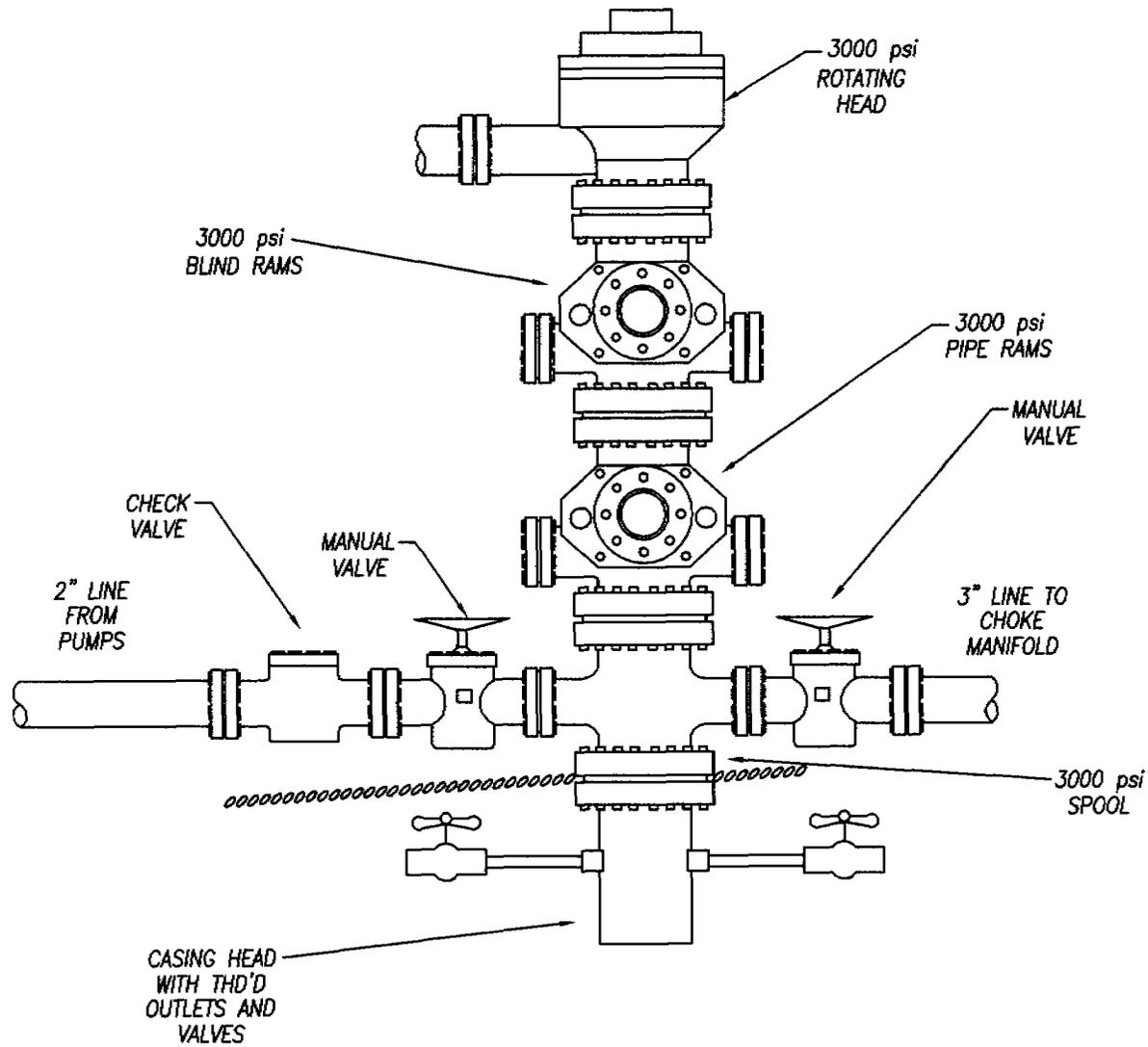


EXHIBIT "F"

# BOP Equipment

3000psi WP



# CHOKE MANIFOLD

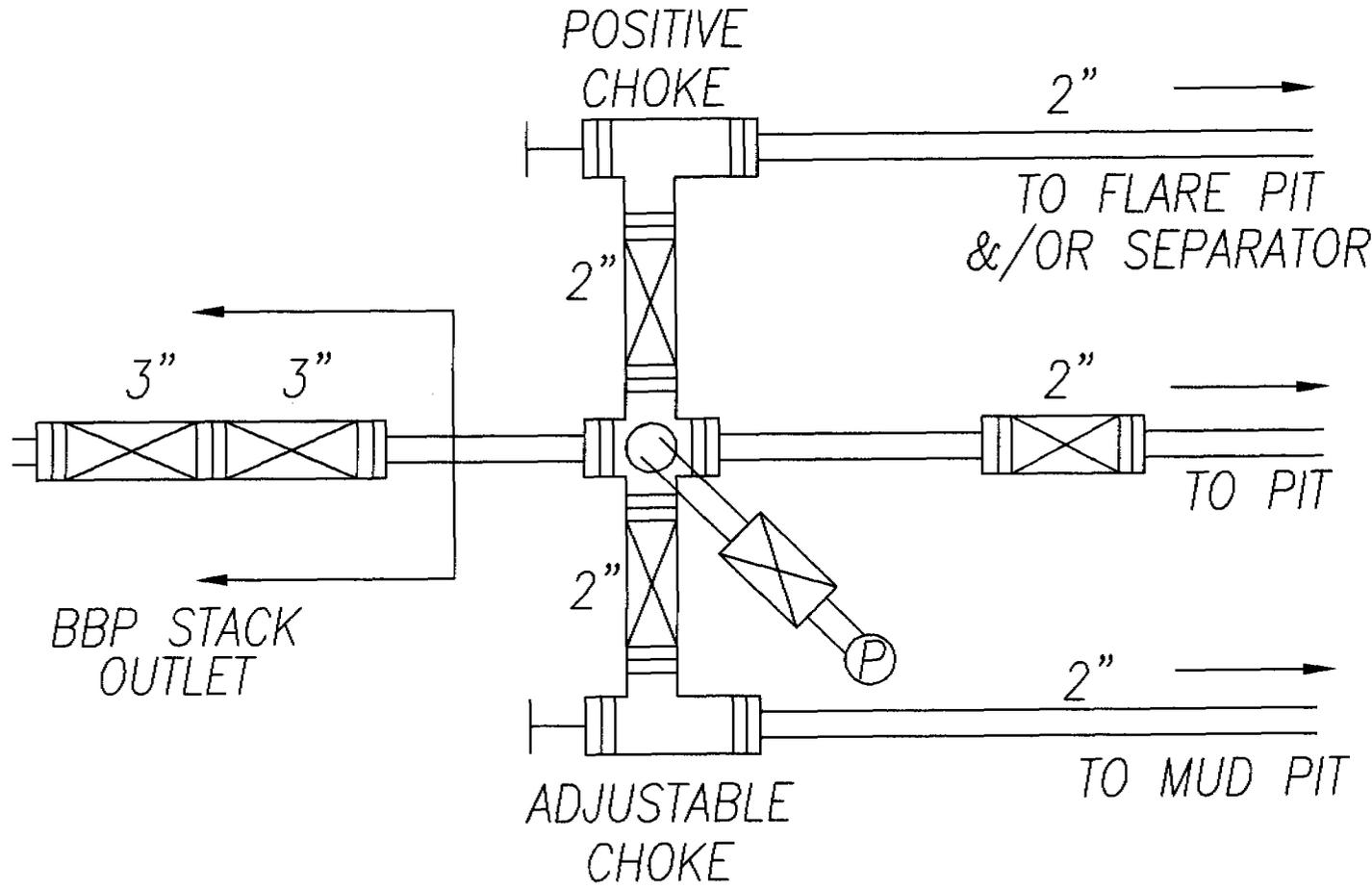


EXHIBIT "H"

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1A. Type of Work: DRILL  DEEPEN   
 B. Type of Well: OIL  GAS  OTHER: SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator:  
Prima Oil and Gas Company

3. Address and Telephone Number:  
1099 18th St., Ste. 400, Denver, CO 80202 1-303-297-2300

4. Location of Well (Footages)  
 At Surface: 2438' FSL, 1011' FEL 4401076H  
 At Proposed Producing Zone: 489778E

5. Lease Designation and Serial Number:  
Fee

6. If Indian, Allottee or Tribe Name:  
N/A

7. Unit Agreement Name:  
N/A

8. Farm or Lease Name:  
Scotfield Thorpe

9. Well Number:  
22-41

10. Field or Pool, or Wildcat:  
Wildcat

11. Qtr/Qtr, Section, Township, Range, Meridian:  
NE/4 SE/4, Section 22, T12S, R7E, SLB&M

14. Distance in miles and direction from nearest town or post office:  
3.1 miles northeast of Scotfield, Utah

12. County: Carbon 13. State: Utah

15. Distance to nearest property or lease line (feet):  
1557'

16. Number of acres in lease:  
800 acres

17. Number of acres assigned to this well:  
40

18. Distance to nearest well, drilling, completed, or applied for, or  
71'

19. Proposed Depth:  
8000'

20. Rotary or cable tools:  
Rotary

21. Elevations (show whether DF, RT, GR, etc.):  
8457' GR

22. Approximate date work will start:  
September 2001

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8" J-55 ST&C	36 #	2000'	890 sacks Type II w/ 2% CaCl; 1.41 cu.ft / sack, 14.5 # / gal
8-3/4"	7" J-55 ST&C	23 #	6000'	Lead—520 sacks Prem. Lite II; 3.46 cu.ft / sack, 11.0 # / gal
				Tail—305 sacks Prem. Lite (High str.); 1.97 cu.ft / sack, 13.0 # / gal

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

RECEIVED

SEP 10 2001

DIVISION OF  
OIL, GAS AND MINING

**ORIGINAL**

**CONFIDENTIAL**

24. Name & Signature: Cynthia A Danner Cindi Danner, CPL Title: Landman Date: 9-6-01  
 (This space for state use only)

API Number Assigned: 43-007-30811

Approval:

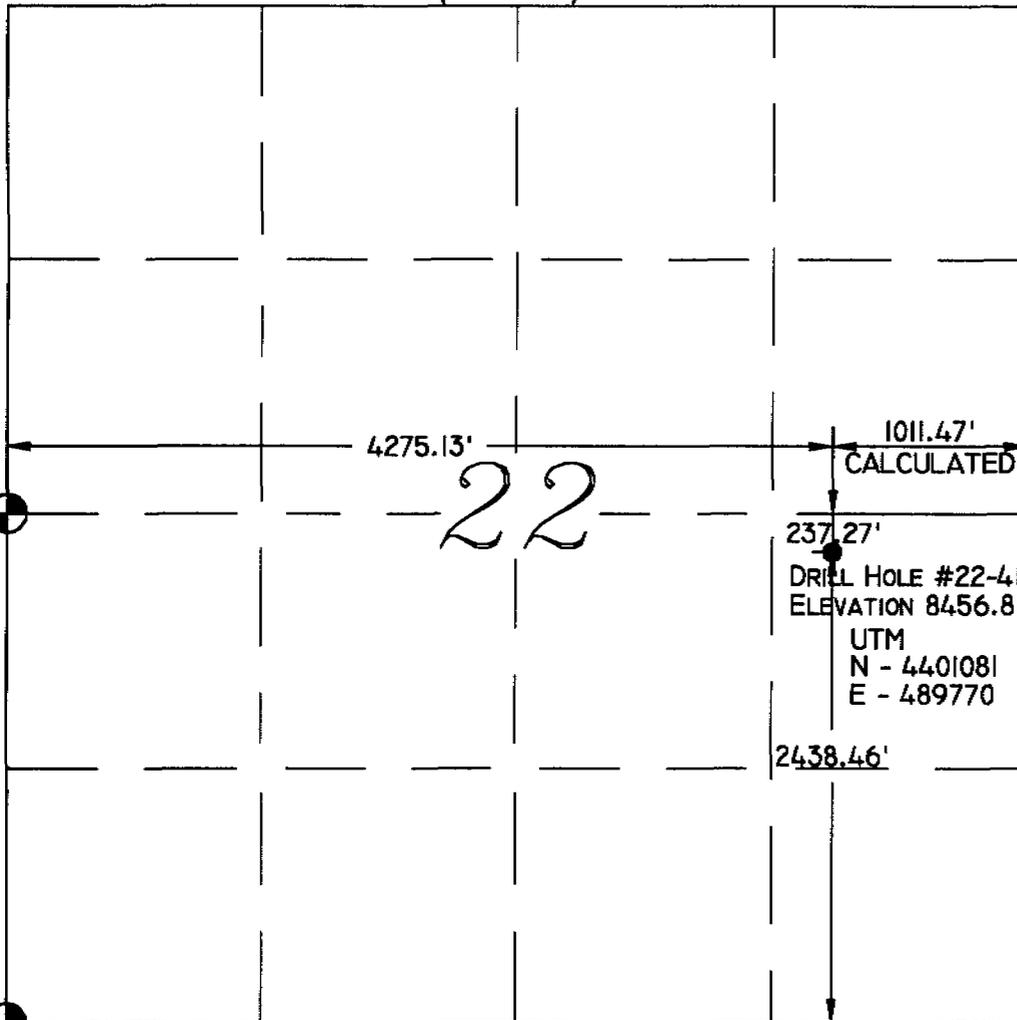
# Range 7 East

(East 5273.40')

Township 12 South

(North 5280')

N00°14'46"E - 2675.75'



(East 5286.6')

## Legend

- Drill Hole Location
- ⊙ Brass Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- ( ) GLO
- GPS Measured

## NOTES:

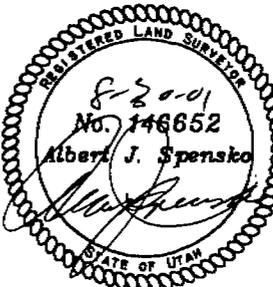
1. UTM AND LATITUDE / LONGITUDE COORDINATES ARE DERIVED USING A GPS PATHFINDER AND ARE SHOWN IN NAD 27 DATUM.

LAT / LONG  
39°45'41"N  
111°07'10"W

# ORIGINAL

## GRAPHIC SCALE

0 500' 1000'  
( IN FEET )  
1 inch = 1000 ft.



## Location:

THE WELL LOCATION WAS DETERMINED USING A TRIMBLE 4700 GPS SURVEY GRADE UNIT.

## Basis of Bearing:

THE BASIS OF BEARING IS GPS MEASURED.

## GLO Bearing:

THE BEARINGS INDICATED ARE PER THE RECORDED PLAT OBTAINED FROM THE U.S. LAND OFFICE.

## Basis of Elevation:

BASIS OF ELEVATION OF 7650' BEING AT A BENCH MARK IN THE NE 1/4, SE 1/4, OF SECTION 16, TOWNSHIP 12 SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE SCOFIELD RESERVOIR QUADRANGLE 7.5 MINUTE SERIES MAP.

## Description of Location:

PROPOSED DRILL HOLE LOCATED IN THE NE 1/4, SE 1/4 OF SECTION 22, T12S, R7E, S.L.B.&M., BEING 237.27' SOUTH AND 4275.13' EAST FROM THE WEST QUARTER CORNER OF SECTION 22, T12S, R7E, SALT LAKE BASE & MERIDIAN.

## Surveyor's Certificate:

I, Albert J. Spensko, a Registered Professional Land Surveyor, holding Certificate 146652 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.

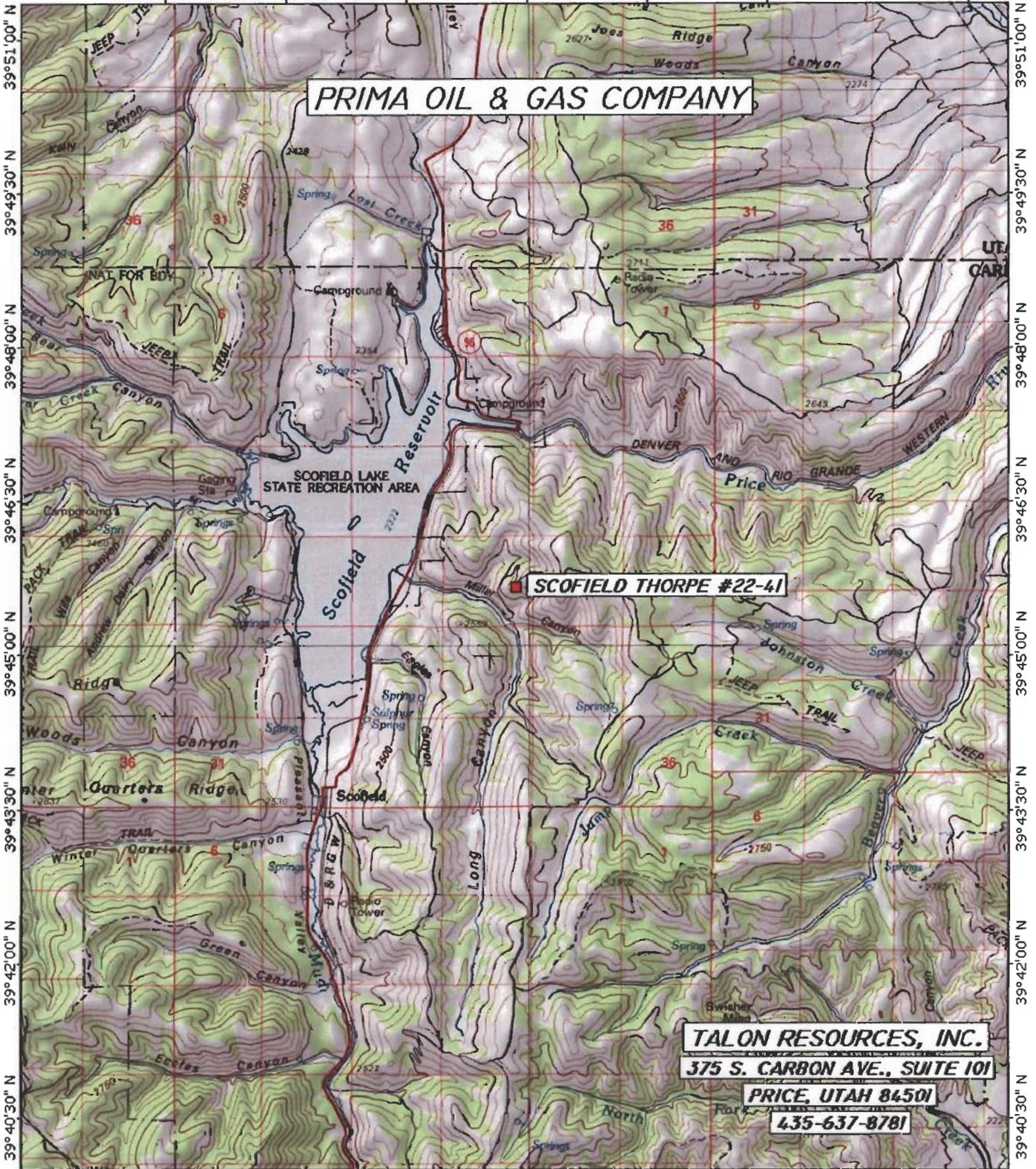


**Talon Resources, Inc.**  
375 South Carbon Avenue, Suite 101  
Price, Utah 84501  
Ph: 435-637-8781  
Fax: 435-636-8603

**Prima Oil & Gas Company**  
Scofield Thorpe #22-41  
Section 22, T12S, R7E, S.L.B.&M.  
Carbon County, Utah

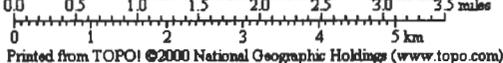
Drawn By <b>J. STANSFIELD</b>	Checked By <b>L.W.J./A.J.S.</b>
Drawing No. <b>A-1</b>	Date: <b>08/24/01</b>
	Scale: <b>1" = 1000'</b>
Sheet <b>1</b> of <b>4</b>	Job No. <b>412</b>

111°11'30" W 111°10'00" W 111°08'30" W 111°07'00" W 111°05'30" W 111°04'00" W NAD27 111°01'30" W



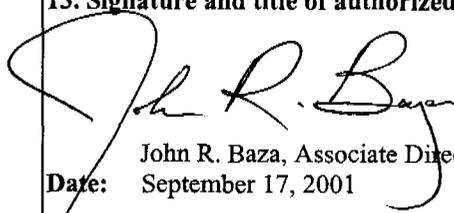
TN 13° MN

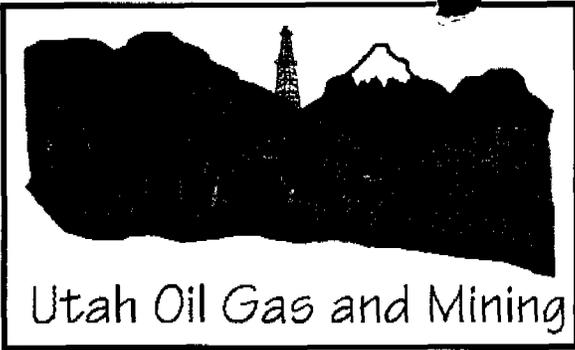
111°11'30" W 111°10'00" W 111°08'30" W 111°07'00" W 111°05'30" W 111°04'00" W NAD27 111°01'30" W



Printed from TOPOI ©2000 National Geographic Holdings (www.topo.com)

**STATE ACTIONS**  
State Clearinghouse Coordinator  
116 State Capitol, SLC, UT 84114  
538-1535

<b>1. Administering State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. State Application Identifier Number: (assigned by State Clearinghouse)</b>
<b>3. Approximate date project will start:</b> Upon Approval	
<b>4. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1)</b>  Southeastern Utah Association of Governments	
<b>5. Type of action:</b> // Lease <input checked="" type="checkbox"/> Permit // License // Land Acquisition // Land Sale // Land Exchange // Other _____	
<b>6. Title of proposed action:</b>  Application for Permit to Drill	
<b>7. Description:</b>  Prima Oil & Gas Company proposes to drill the Scofield Thorpe 22-41 well (wildcat) on a Fee lease, Carbon County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>8. Land affected (site location map required) (indicate county)</b>  NE/4, SE/4, Section 22, Township 12 South, Range 7 East, Carbon County, Utah	
<b>9. Has the local government(s) been contacted?</b> No	
<b>10. Possible significant impacts likely to occur:</b>  Degree of impact is based on the discovery of oil or gas in commercial quantities.	
<b>11. Name and phone of district representative from your agency near project site, if applicable:</b>	
<b>12. For further information, contact:</b>  Lisha Cordova Phone: (801) 538-5296	<b>13. Signature and title of authorized officer</b>  John R. Baza, Associate Director Date: September 17, 2001



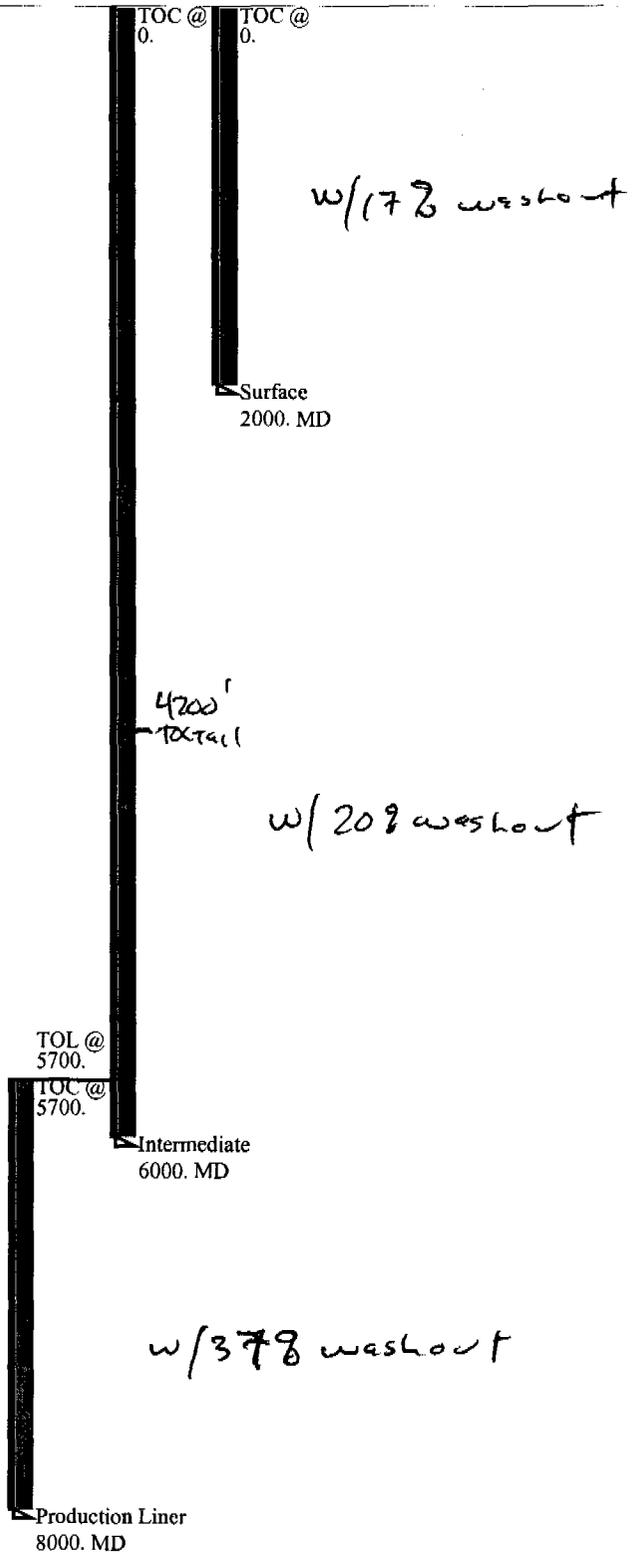
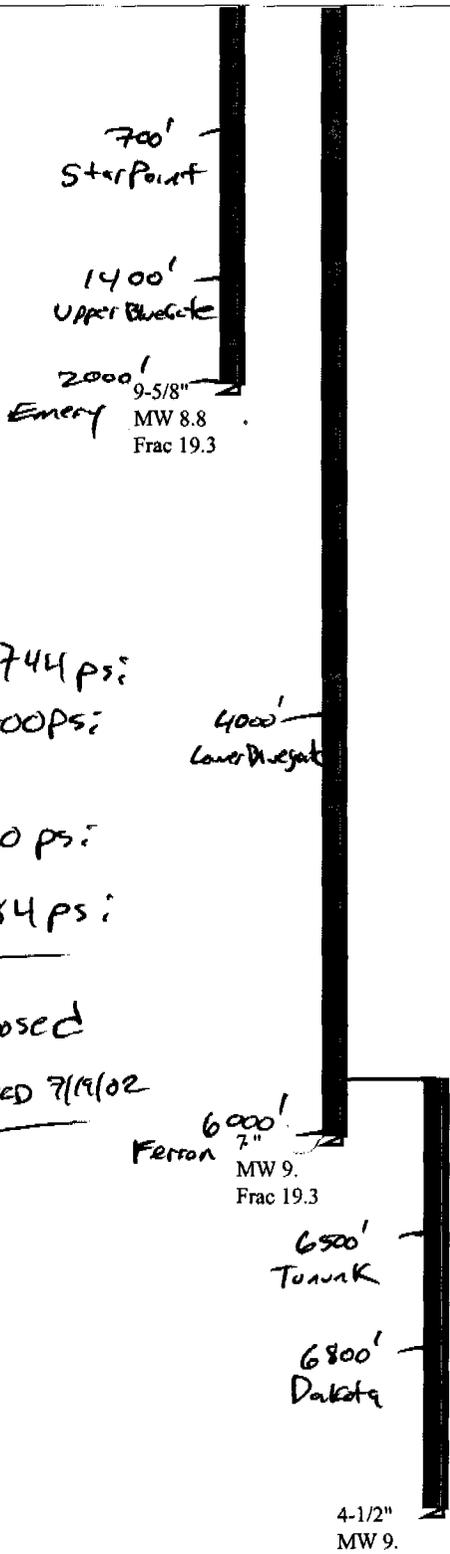
OPERATOR: PRIMA O&G CO (N1695)  
SEC. 22, T12S, R7E  
FIELD: WILDCAT (001)  
COUNTY: CARBON SPACING: R649-3-3/EX LOC

T12S R7E		
16	15	14
21	22 SCOFIELD THORPE 22-41 ⊙ WASATCH LIVESTOCK FEE 1	23
28	27	26

07-02 Prima Scofield Thorp 2-41

Casing Schematic

Surface



BOP  
~~BHP~~  
 $(0.052)(9)(8000) = 3744 \text{ psi}$   
 Anticipated = 1700 psi

Gas  
 $(0.12)(8000) = 960 \text{ psi}$   
MASP = 2784 psi

3M BOPF proposed  
 Adequate DED 7/19/02

w/178 washout

w/208 washout

w/378 washout



*Talon Resources, Inc.*

Service, Quality and Accuracy

375 South Carbon Avenue A-10  
Suite 101  
Price, Utah 84501  
Phone: 435-637-8781  
435-637-5032 Ext 710/711

Cell: 801-650-1401  
801-650-1402  
Fax: 435-636-8603  
Email: talon.5@straband.com

September 19, 2001

Mrs. Lisha Cordova  
State of Utah  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Request for Exception to State Spacing Rule—Scofield Thorpe 22-41,  
Carbon County, Utah: 2438' FSL, 1011' FEL, Section 22, T12S, R7E, SLB&M.

Dear Mrs. Cordova:

On behalf of Prima Oil and Gas Company (Prima), Talon Resources, Inc. respectfully submits the following information to supplement the previously submitted *APD* for the above referenced well.

**Prima Oil and Gas Company is the only owner and operator within 460' of the proposed well location.**

A *Sundry Notice* requesting exception to the state spacing rule has previously been submitted with the *APD* since the well is located within 460' of the drilling unit boundary.

Thank you for your timely consideration of this request. Please feel free to contact me or Mrs. Cindi Danner of Prima at 1-303-297-2300 if you have any questions or need additional information.

Sincerely,

*Don S. Hamilton*  
Don S. Hamilton  
Environmental Manager / Project Coordinator

cc. Mr. Walt Lundsford, Prima  
Mrs. Cindi Danner, Prima  
Mrs. Lisa Morris, Prima  
Prima Well File

Attachment

**RECEIVED**

SEP 21 2001

DIVISION OF  
OIL, GAS AND MINING

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Prima Oil and Gas Company  
**WELL NAME & NUMBER:** Scotfield Thorpe 22-41  
**API NUMBER:** 43-007-30811  
**LEASE:** Fee **FIELD/UNIT:** Wildcat  
**LOCATION:** 1/4,1/4 NESE Sec: 22 TWP: 12S RNG: 7E 2438 FSL 1011 FEL  
**LEGAL WELL SITING:** 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.  
**GPS COORD (UTM):** X=489,770 E; Y=4,401,081 N SURFACE OWNER: Paul Jacob

**PARTICIPANTS**

M. Jones(DOGM), D. Hamilton (Talon). Surface owner was contacted but was unable to make the on-site.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY**

Location lies ~1.25 miles east of Scotfield Reservoir. All runoff drains into a stream and then directly into the reservoir. Topography is very steep along the slope of the hillside. A PA well exists at the site which is directly in the roadway up the mountainside at a switchback. The old pit lies to the east side of the old location and has been stabilized by vegetation. Access will consist of an old two-track that will be upgraded as needed during operation of the well.

**SURFACE USE PLAN**

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 170' X 260' w/ pit included.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 1 PA wells within 1 mile radius.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadway.

SOURCE OF CONSTRUCTION MATERIAL: Transported in from a local source.

ANCILLARY FACILITIES: None anticipated.

**WASTE MANAGEMENT PLAN:**

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt-water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

**ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: Area drains directly into Scofield Reservoir, ~1.25 miles west of proposed location.

FLORA/FAUNA: Sagebrush, native grasses, quacking aspen tress, deer, elk, various small game and fowl.

SOIL TYPE AND CHARACTERISTICS: Gravelly clay loam.

EROSION/SEDIMENTATION/STABILITY: Potential for erosion due to topography.

PALEONTOLOGICAL POTENTIAL: None observed.

**RESERVE PIT**

CHARACTERISTICS: Dugout earthen pit as per APD.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic Liner.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per surface use agreement with surface owner.

SURFACE AGREEMENT: In negotiation.

CULTURAL RESOURCES/ARCHAEOLOGY: None requested by surface owner.

**OTHER OBSERVATIONS/COMMENTS**

**ATTACHMENTS**

Photos of this location were taken and placed on file.

Mark L. Jones  
DOGM REPRESENTATIVE

September 27, 2001 / 3:00 pm  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>0</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>10</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      30      (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

**From:** Frances Bernards  
**To:** Lisha Cordova  
**Date:** 10/9/01 1:28PM  
**Subject:** comments on wildcat wells

The Scofield Thorpe 22-41 and Scofield Thorpe 25-13 proposed wildcat well drilling projects may require a permit, known as an Approval Order, from the Utah Division of Air Quality if any compressor stations are operating at the site. A permit application, known as a Notice of Intent (NOI) should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, SLC, UT, 84116 for review according to the Utah Air Conservation Rule R307-400, Permits, Notice of Intent and Approval Order.

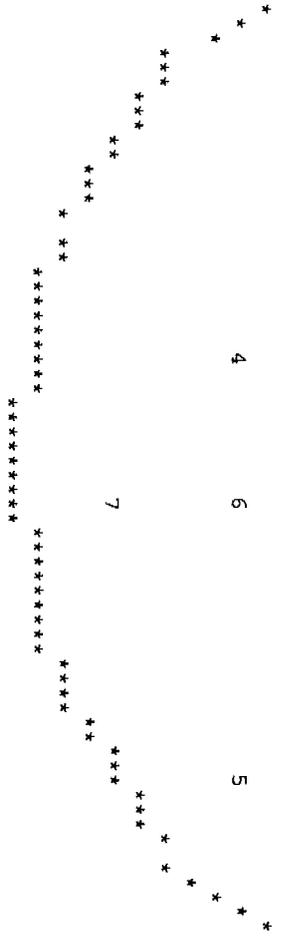
UTAH DIVISION OF WATER RIGHTS  
 WATER RIGHT POINT OF DIVERSION PLOT CREATED TUE, NOV 27, 2001, 4:00 PM  
 PLOT SHOWS LOCATION OF 10 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
 N 2438 FEET, W 1011 FEET OF THE SE CORNER,  
 SECTION 22 TOWNSHIP 12S RANGE 7E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET

N O R T H  
 \*\*\*\*\*





UTAH DIVISION OF WATER RIGHTS  
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR AC-FT	SOURCE DESCRIPTION OR WELL INFO	DIAMETER DEPTH	YEAR LOG	NORTH	EAST	POINT OF DIVERSION DESCRIPTION	CNR SEC	TWN	RNG	B&M	N P R R I	U A P T I
0	91 154	.0016	WATER USE(S): DOMESTIC USA Bureau of Land Management (Price File 125 South 600 West)	.00 Unnamed Spring			S	135	W 425	NE 22	12S	7E	SL		X
									PRIORITY DATE: 10/04/1946						UT 84501
1	91 3510	.0110	WATER USE(S): Jacob, Milton E. (Family Trust)	.00 Unnamed Spring					PRIORITY DATE: 00/00/1869						X
									Pleasant Grove						UT 84062
2	91 4100	.0110	WATER USE(S): STOCKWATERING Jacob, Milton E. (Family Trust)	.00 Unnamed Spring					PRIORITY DATE: 00/00/1869						X
									Pleasant Grove						UT 84062
3	91 3514	.0110	WATER USE(S): Jacob, Milton E. (Family Trust)	.00 Unnamed Spring					PRIORITY DATE: 00/00/1869						X
									Pleasant Grove						UT 84062
4	91 3513	.0000	WATER USE(S): Jacob, Milton E. (Family Trust)	.00 Unnamed Stream					PRIORITY DATE: 00/00/1869						X
									Pleasant Grove						UT 84062
4	91 4107	.0110	WATER USE(S): DOMESTIC STOCKWATERING Jacob, Milton E. (Family Trust)	.00 Unnamed Spring					PRIORITY DATE: 00/00/1869						X
									Pleasant Grove						UT 84062
5	91 4108	.0110		.00 Unnamed Spring											X



**DIVISION OF OIL, GAS AND MINING**  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS

**OPERATOR:** Prima Oil and Gas Company  
**WELL NAME & NUMBER:** Scofield Thorpe 22-41  
**API NUMBER:** 43-007-30811  
**LOCATION:** 1/4,1/4 NENE Sec: 22 TWP: 12S RNG: 7E 2438 FSL 1011 FEL

**Geology/Ground Water:**

A well drilled at this location will likely spud into a poorly to moderately-permeable soil developed on the Cretaceous Blackhawk Formation. Ground water is likely to be encountered in the Blackhawk Formation and the Star Point, Emery, Ferron and Dakota Sandstones, all of Cretaceous age. At Castlegate Field, which is about 16 miles east, along the Colton Formation outcrop, the Spring Creek sand produced large amounts of moderately saline ground water from depths of ~1,600 feet to 2,000 feet, Total Depth. Water quality will deteriorate in the deeper strata. The nearest mapping of the base of moderately saline ground water (~15 miles east northeast) implies that the base of moderately saline ground water is likely to be above sea level and within several thousand feet of the surface. If so, quality water is likely to be encountered in permeable strata in the Mesa Verde Group and possibly even the Emery Sandstone. Application has been made for numerous water rights (including 6 springs) within a mile of this location. A P&A'd well (4300720350) is located 50' from the proposed location. Drainage is to the southwest toward the Miller Canyon drainage, which flows into Scofield Reservoir. The proposed surface and intermediate casing, cementing program and freshwater gel/polymer drilling fluid system should be sufficient protect the shallow ground water resource.

**Reviewer:** Christopher J. Kierst      **Date:** 11/27/01

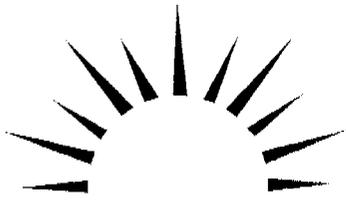
**Surface:**

Location lies ~1.25 miles east of Scofield reservoir. Runoff drains directly into Scofield Reservoir. Predominantly grasses and sagebrush are the vegetation types found here. Surface owner was contacted but was unable to make the onsite. Very little extra ground will be disturbed in comparison to the old drill site. Big game hunting will be an issue to the landowner and stipulations will be placed in the surface use agreement regarding this issue. The reserve pit will block the access road continuing up the mountain during drilling and completion phases of the well. A passable route needs to be constructed on the NW side of the location to allow for access further up the mountain. Dust control will also be an issue to the landowner.

**Reviewer:** Mark L. Jones      **Date:** November 20, 2001

**Conditions of Approval/Application for Permit to Drill:**

1. Culverts sufficient to manage expected runoff, standing and surface water in crossed drainages.
2. Berm location and pit.
3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
4. Dust control during construction, drilling, and completion phases of the well.



**Prima Oil & Gas Company**

July 16, 2002

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114

Re: Sundry notices for:  
    Scofield Thorpe 22-41  
    Scofield Thorpe 25-13

To Whom It May Concern:

Enclosed are sundry notices for the Scofield Thorpe 22-41 and 25-13. These wells will be drilled to test the Dakota Formation. Liner and cement details are described on the forms.

Should you have any questions, I can be reached at 303-297-2300.

Thank you,

Jan Kajiwara  
Operations Assistant

JK/ba

Enc

**RECEIVED**  
JUL 19 2002  
DIVISION OF  
OIL, GAS AND MINING

0002

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR Prima Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
3. ADDRESS OF OPERATOR 1099 18th Street, #400, Denver, CO 80202		7. UNIT or CA AGREEMENT NAME: NA
PHONE NUMBER 303-297-2300		8. WELL NAME and NUMBER: Scofield Thorpe 22-41
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2438' FSL, 1011' FEL		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE SE Section 22, T12S R7E SLB&M		10. FIELD AND POOL, OR WILDCAT: Wildcat
COUNTY: Carbon		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
Approximate date work will start Sep-02	<input checked="" type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
Date of work completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WAER SHUT-OFF	
	<input type="checkbox"/> COMMNGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	_____	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depth, volumes, etc.

This well will be drilled to test the Dakota Formation. If the Dakota Formation is found to be productive, a 4-1/2", 11.6#, J-55, STC liner will be set at the estimated TD of 7000' and tied back into the 7" intermediate casing with a liner hanger at approximately 5700'. The liner will be cemented with approximately 425 sacks of Class G Premium cement (15.8 #/gal, 1.15 cu.ft/sack).

NAME (PLEASE PRINT) <u>Jan Kajiwara</u>	TITLE <u>Operations Assisact</u>
SIGNATURE <u>Jan Kajiwara</u>	DATE <u>7-16-02</u>

RECEIVED

(This space for State use only)

JUL 19 2002  
DIVISION OF  
OIL, GAS AND MINING

Well name:	<b>07-02 Prima Scofield Thorpe 22-41</b>	
Operator:	<b>Prima Oil &amp; Gas Company</b>	Project ID:
String type:	Surface	43-007-30811
Location:	Utah County	

**Design parameters:**

**Collapse**  
Mud weight: 8.800 ppg  
Design is based on evacuated pipe;

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 93 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 200 ft

**Burst:**  
Design factor 1.00

Cement top: Surface

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP: 935 psi  
No backup mud specified.

**Tension:**  
8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

**Re subsequent strings:**

Next setting depth: 6,000 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 2,805 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,000 ft  
Injection pressure: 2,000 psi

Tension is based on air weight.  
Neutral point: 1,740 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	36.00	J-55	ST&C	2000	2000	8.796	142.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	914	2020	2.21	935	3520	3.76	72	394	5.47 J

BHP 3740 psi  
Max Press @ 2000' = 3000 psi

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: July 19, 2002  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 2000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>07-02 Prima Scofield Thorpe 22-41</b>		
Operator:	<b>Prima Oil &amp; Gas Company</b>		
String type:	Production Liner	Project ID:	43-007-30811
Location:	Utah County		

**Design parameters:**

**Collapse**

Mud weight: 9.000 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.468 psi/ft  
 Calculated BHP: 3,740 psi  
 No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on air weight.  
 Neutral point: 7,690 ft

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 177 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 5,700 ft

Liner top: 5,700 ft  
 Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2300	4.5	11.60	J-55	ST&C	8000	8000	3.875	53.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3740	4960	1.33	3740	5350	1.43	27	154	5.77 J

Prepared by: Dustin Doucet  
 Utah Dept. of Natural Resources

Phone: 801-538-5281  
 FAX: 801-359-3940

Date: July 19,2002  
 Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 8000 ft, a mud weight of 9 ppg. The Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>07-02 Prima Scofield Thorpe 22-41</b>	
Operator:	<b>Prima Oil &amp; Gas Company</b>	Project ID:
String type:	Intermediate	43-007-30811
Location:	Utah County	

**Design parameters:**

**Collapse**

Mud weight: 9.000 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP: 2,805 psi  
  
No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 5,188 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 149 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top:

Surface

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,000 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 3,740 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 6,000 ft  
Injection pressure 6,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6000	7	23.00	J-55	ST&C	6000	6000	6.25	277.3

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2805	3270	1.17	2805	4360	1.55	138	284	2.06 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural Resources

Phone: 801-538-5281  
FAX: 801-359-3940

Date: July 19,2002  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6000 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



Prima Oil & Gas Company

Date: 8-1-02

To: Diana Mason

Fax: ~~801-359-3940~~ 801-359-3940

Sender: Cindi Panner-Weide

Message: SDA for Scofield  
Thorpe 22-41  
T125-R7E - See 22  
~~225~~ Carbon Co. UT

---

YOU SHOULD RECEIVE 9 PAGES (INCLUDING THIS COVER SHEET)  
IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (303) 297-2100

---

**RECEIVED**

AUG 01 2002

DIVISION OF  
OIL, GAS AND MINING

1099 18<sup>th</sup> Street • Suite 400 • Denver, Colorado 80202  
Office: 303.297.2300 • Fax: 303.297.7708 • www.primaenergy.com

P.01

Aug 1 '02 11:19

Fax: 3032977708

Prima

**SURFACE AND DAMAGE AGREEMENT**

This agreement is made and entered into between Paul E. Jacob and Carolyn H. Jacob, as Trustees of the Paul & Carolyn Jacob Trust dated 2-22-96, whose address is 349 East 200 South, Pleasant Grove, UT 84062 hereinafter referred to as "Owner" and Prima Oil & Gas Company, whose address is 1099 18<sup>th</sup> Street, Suite 400, Denver, CO 80202, hereinafter referred to as "Operator".

**IT IS AGREED AS FOLLOWS:**

1. **Oil and Gas Lease.** Owner is the owner of the surface estate in certain lands located in Carbon County, Utah said lands are more fully described in Exhibit "A" attached to and made a part hereof (Subject Lands). All of the Subject Lands are subject to oil and gas leases currently owned by Operator. Operator desires to drill a well or wells on the Subject Lands. Nothing in this agreement shall be deemed to alter any rights or obligations established, granted or conveyed by the oil and gas leases.
2. **Right-of-Way.** To the extent not already granted by the oil and gas leases, Owner grants Operator, its employees and designated agents, a private nonexclusive right-of-way to enter upon and use the Subject Lands as specified herein for the purpose of drilling, completing and producing oil and gas wells on the Subject Lands.
3. **Notification and Consultation.** Operator shall notify Owner prior to entry upon the Subject Lands and shall consult with Owner as to the location of each well, pipeline, power line, battery site, gathering system and other facilities to be placed on the Subject Lands. To the extent practicable, Operator will use existing roads on the Subject Lands for its operations, and if construction of a new road is required, Operator will consult with Owner, so as to locate the new road in a manner so as to cause the least interference practical with Owner's operations on the Subject lands. If a pipeline or gathering system is to be installed by Operator, Operator will locate the pipeline and gathering system in a manner so as to cause the least interference practical with Owner's operations on the affected land.
4. **Termination of Rights.** The rights granted by Owner to Operator shall terminate (i) When the Oil and Gas Lease(s) terminate, or (ii) Operator permanently ceases its operations on the Subject Lands, whichever shall occur first. Upon termination of this agreement, Operator will execute and deliver to Owner a good and sufficient recordable release and surrender of all of Operator's rights under this agreement, and will promptly remove all equipment and property used or placed by Operator on the Subject Lands unless otherwise agreed by Owner in writing.
5. **Non-exclusive Rights.** The rights granted by Owner to Operator are non-exclusive, and Owner reserves the right to use all access roads and all surface and subsurface uses of the Subject Lands affected by this agreement and the right to grant successive easements thereon or across on such terms and conditions as Owner deems necessary or advisable.

F.02 Jul 30 02 14:30

FAX:3032977708

Prima

P.02 Aug 1 02 11:20

Fax:3032977708

Prima

- 6. **Payments.** As compensation for surface damages, Operator will pay to Owner the following:
  - a. **Well locations.** Operator will pay to Owner one thousand, six hundred dollars, (\$1600) for each well location. This amount shall be paid by Operator to Owner before entering upon the premises to drill the well.
  - b. **Roads.** Operator shall pay to Owner an access fee of twelve dollars (\$12.00) per rod for use of existing roads on the Subject Lands, and the rate of twelve dollars (\$12.00) per rod for new roads constructed by Operator or existing roads improved by Operator on the Subject Lands. Operator shall provide Owner with a plat showing the location and length of all roads promptly after their first use, construction or improvement.
  - c. **Rights of Way/Info Structure.**
    - (i). Operator shall pay to Owner the same twelve dollars (\$12.00) per rod for an infrastructure right of way equal to 20 feet in width, within which Operator may place its infrastructure which shall include but not be limited to oil or gas pipelines, waterlines, and electric lines. Infrastructure installed in the road right of way shall be paid at six dollars and 25 cents (\$6.25) a rod. This would be in addition to the twelve dollars (\$12.00) per rod already paid for the road right of way. Infrastructure installed outside the infrastructure right of way or road right of way shall be paid at twelve dollars (\$12) per square rod.
    - (ii). Operator shall be responsible for back-filling, re-packing, re-seeding and re-contouring the surface so as not to interfere with Owner's operations. Operator shall provide Owner with a plat showing the location of all pipelines and gathering systems promptly after their installation to the extent practical. All pipelines and gathering systems located by Operator on the premises shall be buried to the depth of a least three (3) feet below the surface. Owner reserves the right to occupy, use and cultivate the lands affected by such pipelines, and to grant such rights to others, so long as such use does not interfere with Operator's operations. If Operator fails to use any pipeline for a period in excess of 24 consecutive months, the pipeline shall be deemed abandoned and Operator shall promptly take all actions necessary or desirable to clean up, mitigate the effects of use, and render the pipeline environmentally safe and fit for abandonment in place. All such clean up and mitigation shall be performed in compliance with all federal, state and local laws and regulations.
  - d. **Power Lines.** Operator will consult with Owner and with the company supplying power to Operator with respect to the location of overhead power

Prima  
Fax: 3032977708

Aug 1 '02 11:20

P.03

---

Prima  
Fax: 3032977708

Jul 30 '02 10:51

P.03

lines prior to construction. Overhead power lines will be constructed so as to cause the least practical interference with Owner's visual landscape and Owner's existing and future ranching operations, and, to the extent possible, overhead power lines will be constructed along fence lines or property lines.

e. **Gathering, Metering and Portable Compression Sites.** For each central gathering facility or "battery site" (which includes portable compression facilities) Operator shall pay to Owner an annual rental of \$400 per acre. This amount shall be paid by Operator to Owner before entering upon the premises to construct the battery site.

7. **Locations.** All well site locations shall be limited to approximately two (2) acres of land while drilling and no more than one (1) acre for permanent facilities. No wells shall be drilled within three hundred feet (300') of any residence, house or barn on the property without the prior written consent of Owner, which consent shall not be unreasonably withheld. No permanent housing or dwelling unit shall be constructed or placed on Owner's land by Operator.

8. **Operations.** Operator shall at all times keep the well sites, roadways, and pipelines in safe and good order, free of noxious weeds, litter and debris, and shall spray for noxious weeds upon reasonable demand therefor by Owner not to exceed two (2) times per year. Operator shall maintain the surface of the existing roads and any newly constructed roads in good repair and a state of reasonable condition. Operator shall use all reasonable means to try to keep dust from its roads at a minimum. Operator shall limit travel as much as practical when muddy conditions prevail. All roads shall be constructed with appropriate ditches and drain culverts to allow proper drainage off of said roads and also to prevent water from backing up along said roads.

9. Operator shall post a sign or signs which state the following:

- **MAXIMUM SPEED LIMIT IS 15 MILES PER HOUR**
- **YOU MUST CLOSE ALL GATES BEHIND YOU**
- **YOU MUST KEEP DUST TO A BARE MINIMUM**
- **YOU MUST STAY ON DESIGNATED ROADWAYS**
- **NO LITTERING**
- **NO DOGS**
- **NO FIREARMS**
- **NO DRUGS**
- **NO ALCOHOLIC BEVERAGES**
- **NO HUNTING OR FISHING**
- **NO FIRES**

**VIOLATION OF ANY OF THE ABOVE WILL RESULT IN YOUR EXPULSION FROM THE PROPERTY**

Operator shall not permit the release or discharge of any toxic or hazardous chemicals or wastes on the Subject Lands. Operator shall remove only the minimum amount of vegetation necessary for the construction of roads and facilities. Topsoil shall be conserved during excavation and reused as cover on disturbed areas to facilitate re-growth of vegetation. All surface facilities not subject to safety equipment shall be painted to blend with the natural color of the landscape. Operator will attempt to control dust by using water treated with magnesium chloride on the roads if such is available at a reasonable cost.

- 10. **New Roads.** Any new roads constructed by or for Operator shall be limited to twenty (20) feet in width for the actually traveled roadbed, together with a reasonable width, not to exceed fifteen (15) feet from the edge of the actually traveled roadbed for fills, shoulders and crosses. No permanent roads will be constructed unless absolutely necessary. Owner will be consulted as to the location of the road. Operator shall annually maintain existing and newly constructed roads used by Operator to the reasonable satisfaction of Owner, which maintenance may include chaling, ditching, graveling, blading, watering, installing and cleaning culverts, and spraying for noxious weeds. Any new roadway, infrastructure and above ground power line right of way constructed in accordance with the terms hereof, shall be so constructed with a view of minimizing the extent of surface alteration and damage to meadows, water springs, ponds, and to maintain to the maximum extent practicable, existing aesthetic values of the Subject Lands.
- 11. **Fences and Gates.** Operator, at the written request of Owner, shall fence all sludge pits and areas of danger so as not to be accessible to grazing livestock and said sites to be covered, filled and reclaimed at the termination of the need for said pits or termination of operations. Operator shall keep all cattle guards and fences clean and in good repair. Operator shall construct and install cattle guards with gates, if specifically requested by Owner, at locations where Operator must go through Owner's fences. If applicable and as much as reasonably practical, all gates are to be kept closed. The main entrance gates shall be closed and locked at the end of each day's use with Operator's personal lock in series with Owner's lock/chain and an extra key or the combination to the lock is to be furnished to Owner thereby avoiding the event of Owner being locked out of the Subject Lands.
- 12. **Improvements.** No fences, cattle guards or other improvements on the Subject Lands shall be cut or damaged by Operator without prior consultation with Owner. Operator shall institute safeguards to protect the rights and property of the Owner. Upon final termination of Operator's rights under this agreement, Operator shall return all roads and other rights-of-way or sites as nearly as practical to the condition which they were in prior to the execution of this agreement, unless otherwise agreed by Owner. All disturbed areas caused by Operator's activities will be reseeded, unless otherwise agreed by Owner. Cattle guards shall be removed and fences restored as nearly as practical to the original condition unless otherwise agreed by

JUL 30 02 14:57 P.05

Fax:5052977708

Pr1ma

AUG 1 02 11:21 P.05

Fax:3032977208

Pr1ma

**Owner.** If Operator damages any fences, Operator shall replace or repair such fence with the same type of fence in existence at the time of the damage.

13. **Additional Damages.** The payments herein provided for are acknowledged by Owner as sufficient and in full satisfaction for damages to Owner caused or created by the reasonable and customary entry, rights-of-way and operation and use of the roads and well sites, but do not include damage to livestock, buildings or improvements, or injuries to persons or to any damage or destruction caused to Owner's wells or water supply on the property. Operator shall be liable for damages if, as a result of its operations hereunder, any water on or under the premises which had been potable is affected to the extent that it is rendered non-potable for humans, cattle or other ranch animals on Owner's premises, or any such water supply, well or reservoir be destroyed or its output diminished to the extent that it is no longer suitable for the purpose it was previously used for. Operator shall be liable for any downstream damage caused to other lands or the operations of other landowners as a direct result of Operator's operations. This agreement does not relieve Operator from liability due to Operator's negligence or due to spills or discharges of any hydrocarbon or toxin or hazardous chemicals or wastes, or from leaks or breaks in Operator's pipelines. Damage to livestock and damage to crops shall be paid for by Operator at current market value.
14. **Restoration.** Unless Owner otherwise agrees in writing, upon termination of any of Operator's operations on the Subject Land, Operator shall fully restore the surface of the Subject Lands affected by such terminated operations as nearly as practicable to the contours which existed prior to such operation. Operator shall reseed the soil on the drill site and access road as well as all other areas of such disturbance with seed mix determined in consultation with Owner. The seed mix shall be of a type customarily used in the area for similar purposes. Reseeding is to be done by a drill where practical. If the seed fails to grow, Operator will reseed no less than 3 consecutive years. Operator agrees to temporarily fence areas that have been newly reseeded.
15. **No Warranty.** Owner makes no warranty of title or otherwise in entering into this agreement; provided, however, if it is determined that Owner does not have the right to authorize Operator to use the lands affected by this agreement for the purposes set forth herein, then Operator's sole remedy shall be to recover from Owner those payments made by Operator for the rights which Owner did not have the right to grant to Operator.
16. **Enforcement Costs.** If a dispute arises during the term of this agreement, and should either party bring an action in court seeking enforcement of the terms of this agreement, then the losing party shall assume and pay all of the costs and reasonable attorney fees of the prevailing party.
17. **Indemnification.** To the maximum extent permitted by law, Operator will

indemnify, defend and hold owner, and if applicable, Owner's officers, directors, employees, agents, successors and assigns harmless from any and all claims, liabilities, demands, suits, losses, damages and costs (including reasonable attorney's fees) which may arise out of or be related to Operator's activities on the Subject Land.

- 18. **Notices.** Notice may be given to either party to this agreement by depositing the same in the United States mail postage prepaid, duly addressed to the other party at the address set out below. Such notice shall be deemed delivered when deposited in the United States mail.

**Owner:** Paul E. Jacob and Carolyn H. Jacob, as Trustees of the Paul & Carolyn Jacob Trust dated 2-22-96  
 349 East 200 South  
 Pleasant Grove, UT 84062  
 Phone Number: (801) 785-2300  
 Fax Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_  
 Designated Contact Person: Paul E. Jacob

**Operator:** Prima Oil & Gas Company  
 1099 18<sup>th</sup> Street, Suite 400  
 Denver, CO 80202  
 Phone Number: 303-297-2300  
 Fax Number: 303-297-7708  
 Email Address: cdanner@primacorp.com or  
 wlunsford@primaenergy.net  
 Designated Contact Person at Prima: Cindi Danner-Weide or Walter Lunsford  
 Designated Contact Person in Field: Talon Resources -  
 Don Hamilton 435-637-8781 or 435-650-1886

- 19. **Recording.** This agreement may not be recorded without the written consent of all parties.
- 20. **Construction of Agreement.** This agreement shall be construed under the law of the State of Utah.
- 21. **Binding Effect.** This agreement is binding upon the successors and assigns of the parties.

DATED THIS 30th DAY OF July, 2002.

**OWNER:**

PAUL E. JACOB AND CAROLYN H. JACOB, AS TRUSTEES OF THE PAUL & CAROLYN JACOB TRUST DATED 2-22-96

Paul E. Jacob  
PAUL E. JACOB, TRUSTEE

Carolyn H. Jacob  
CAROLYN H. JACOB, TRUSTEE

**OPERATOR:**

PRIMA OIL & GAS COMPANY

G. Walter Lunsford  
G. Walter Lunsford, Attorney-In-Fact

STATE OF COLORADO

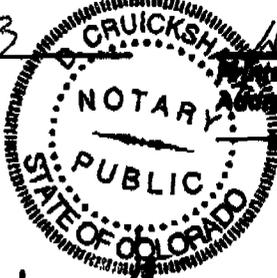
COUNTY OF DENVER )

**ACKNOWLEDGMENT**

On this 1<sup>st</sup> day of August, 2002, before me, the undersigned, a Notary Public in and for the County and State aforesaid, personally appeared G. Walter Lunsford, to me known to be the identical person who subscribed the name of the maker thereof to the foregoing instrument. Given under my hand and seal the day and year above written.

MY COMMISSION EXPIRES: NOTARY PUBLIC

1-14-03



D. Cruickshank  
Printed Name: D. Cruickshank  
Address: 1099 18th Street, STE 400  
Denver CO 80202

STATE OF UTAH

COUNTY OF Utah )

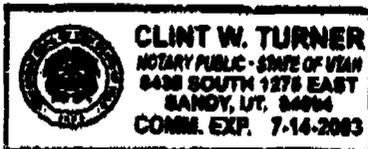
**ACKNOWLEDGMENT**

On this 31<sup>st</sup> day of July, 2002, before me, the undersigned, a Notary Public in and for the County and State aforesaid, personally appeared Paul E. Jacob and Carolyn H. Jacob, to me known to be the identical persons who subscribed the names of the maker thereof to the foregoing instrument. Given under my hand and seal the day and year above written.

MY COMMISSION EXPIRES: NOTARY PUBLIC

7-14-03

Clint W. Turner  
Printed Name: Clint W. Turner  
Address: Sandy UT 84094



**EXHIBIT "A"**

Attached hereto and made a part hereof are certain Surface and Damage Agreements by and between Paul E. Jacob and Carolyn M. Jacob, as Trustees of the Paul & Carolyn Jacob Trust dated 2-22-96, as Owner and Pryma Oil & Gas Company as Operator

**SUBJECT LANDS**

**Township 12 South, Range 7 East, SLM**

- Section 13
- Section 14
- Section 15
- Section 21
- Section 22
- Section 23
- Section 24
- Section 25
- Section 26

Owner Initialed for Identification:  
Operator Initialed for Identification:

Jul 30 '02 10:54 P.09

Fax:3032977708

Prima

Aug 1 '02 11:22 P.09

Fax:3032977708

Prima

0004



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

August 5, 2002

Prima Oil & Gas Company  
1099 18th St, Ste 400  
Denver, CO 80202

Re: Scofield Thorpe 22-41 Well, 2438' FSL, 1011 FEL, NE SE, Sec. 22, T. 12 South,  
R. 7 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30811.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

for John R. Baza  
Associate Director

pb

Enclosures

cc: Carbon County Assessor

Operator: Prima Oil & Gas Company

Well Name & Number Scofield Thorpe 22-41

API Number: 43-007-30811

Lease: Fee

Location: NE SE                      Sec. 22                      T. 12 South                      R. 7 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

#### 5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

#### 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

0005



**Prima Oil & Gas Company**

**RECEIVED**

AUG 13 2002

**DIVISION OF  
OIL, GAS AND MINING**

August 12, 2002

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114

CONFIDENTIAL

Attention: Carol Daniels

Re: Scofield Thorpe 22-41 Sundry

Dear Carol,

Thank you, Carol, for all of your assistance with Utah permitting. Dustin phoned this morning and answered my questions I had last week.

Enclosed is a sundry notice for the Scofield Thorpe 22-41 requesting this well be held tight.

Thanks again and should you have any questions, I can be reached at 303-297-2300.

Sincerely,

Jan Kajiwara  
Operations Assistant

Enc

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

Scotfield Thorpe 22-41

2. NAME OF OPERATOR:  
PRIMA OIL & GAS COMPANY

9. API NUMBER:

43-009-30811

3. ADDRESS OF OPERATOR:  
1099 18TH St. #400 CITY Denver STATE Co ZIP 80202

PHONE NUMBER:  
(303) 297-2300

10. FIELD AND POOL, OR WILDCAT:

Wildcat

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 2438' FSL, 1011' FEL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12S 7E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Prima Oil and Gas Company is requesting this well be held tight.

NAME (PLEASE PRINT) Jan Kajiwara

TITLE Operations Assistant

SIGNATURE *Jan Kajiwara*

DATE 8/12/2002

(This space for State use only)

RECEIVED

AUG 13 2002

DIVISION OF  
OIL, GAS AND MINING

**DIVISION OF OIL, GAS AND MINING****SPUDDING INFORMATION**Name of Company: PRIMA OIL & GAS COMPANYWell Name: SCOFIELD THORPE 22-41Api No: 43-007--30811 Lease Type: FEESection 22 Township 12S Range 07E County CARBONDrilling Contractor UNION DRILLING RIG # 47**SPUDDED:**Date 09/13/02Time 5:00 PMHow ROTARY**Drilling will commence:** \_\_\_\_\_Reported by GARY JOHNSONTelephone # 1-435-828-7722Date 09/23/2002 Signed: CHD

**CONFIDENTIAL**

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

**ENTITY ACTION FORM**

Operator: PRIMA OIL & GAS COMPANY  
Address: 1099 18TH STREET, SUITE 400  
city DENVER  
state CO zip 80202

Operator Account Number: N 1695

Phone Number: (303) 297-2300

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
007-30811	SCOFIELD THORPE 22-41	NESE	22	12S	7E	CARBON
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	13636	9/13/2002		10-23-02	
Comments:						

**Well 2**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
Comments:						

**RECEIVED**

OCT 23 2002

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIVISION OF  
OIL, GAS AND MINING

JAN KAJIWARA

Name (Please Print)

*Jan Kajiwara*

Signature

OPERATIONS ASSIST

Title

*10/21/02*

Date

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

N/A

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

Scofield Thorpe 22-41

2. NAME OF OPERATOR:

Prima Oil and Gas Company

9. API NUMBER:

4300730811

3. ADDRESS OF OPERATOR:

1099 18th Street, Ste 400, Denver

CITY STATE CO ZIP 80202

PHONE NUMBER:

(303) 297-2300

10. FIELD AND POOL, OR WILDCAT:

Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2438' FSL, 1011' FEL

COUNTY: Carbon

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12S 7E S

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 9/22/2002	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Spudded well at 5:00 pm 9/13/2002. Drilled to 1542'. Tools and drill string got stuck in hole. Backed off drill collars at 1088'. Attempted to re-establish circulation and fish stuck tools. Unable to recover any tools. Requested permission to plug hole and skid rig. Given verbal permission to skid by DOGM.

Pumped 300 sacks Premium Lite cement with additives, slurry weight 11.2 ppg, yield 3.45 cu.ft./sx. Very slight returns when pumping. Well on vacuum when pumping stopped. Pumped cement on 9/22/2002, finished at 2:30 AM.

Will recement well when rig is removed from location. Well is currently beneath rig substructure. Rig has been skidded to alternate location.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

RECEIVED

NOV 07 2002

DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) Gary J. Johnson

TITLE Consultant

SIGNATURE

DATE 11/1/2002

(This space for State use only)

RECEIVED

00:09

NOV 25 2002

DIVISION OF OIL, GAS AND MINING

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

AMENDED REPORT FORM 8 (highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [ ], GAS WELL [ ], DRY [x], OTHER [ ]
b. TYPE OF WORK: NEW WELL [x], HORIZ. LATS. [ ], DEEP-EN [ ], RE-ENTRY [ ], DIFF. RESVR. [ ], OTHER [ ]

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Scofield Thorpe 22-41
9. API NUMBER: 4300730811
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12 7
12. COUNTY: Carbon
13. STATE: UTAH

2. NAME OF OPERATOR: Prima Oil & Gas Company

3. ADDRESS OF OPERATOR: 1099 18th St., Ste 400 CITY Denver STATE CO ZIP 80202
PHONE NUMBER: (303) 297-2300

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2434' FSL; 996' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: same as above
AT TOTAL DEPTH: same as above

14. DATE SPUDDED: 9/13/2002
15. DATE T.D. REACHED: 9/16/2002
16. DATE COMPLETED: 9/21/2002
ABANDONED [x] READY TO PRODUCE [ ]
17. ELEVATIONS (DF, RKB, RT, GL): 8457' GR

18. TOTAL DEPTH: MD 1,541 TVD 1,541
19. PLUG BACK T.D.: MD TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? \*
21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
A1/LC/GA, CN/JLD/GP, C BL/CCL/GP
Rec. 3-19-03
23. WAS WELL CORED? NO [x] YES [ ] (Submit analysis)
WAS DST RUN? NO [x] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [x] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD)

27. PERFORATION RECORD

Table with columns: INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

[ ] ELECTRICAL/MECHANICAL LOGS
[ ] GEOLOGIC REPORT
[ ] DST REPORT
[ ] DIRECTIONAL SURVEY
[x] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
[ ] CORE ANALYSIS
[ ] OTHER:

30. WELL STATUS:

TA

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

*Well will be plugged back after completion of the Scofield Thorne 22-41X well*

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

NAME (PLEASE PRINT) Becky Adams TITLE Environmental & Regulatory Assistant  
 SIGNATURE *Becky Adams* DATE 11/21/02

This report must be submitted within 30 days of

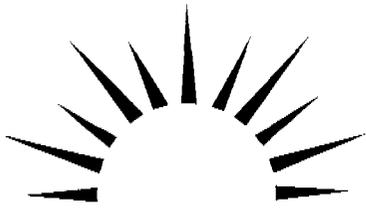
- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940



**Prima Oil & Gas Company**

March 14, 2003

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114

Attention: Carol Daniels

RE: Scofield Thorpe 22-41~~3~~  
Sec. 22-T12S-R7E  
Utah County, Utah  
*Carol*

Dear Carol:

Enclosed is the sundry showing the proposed plugging plan for the above well. Also, the logs for the well.

Thank you and should you have any questions, I can be reached at (303) 297-2300.

Sincerely,

Jan Kajiwara  
Environmental and Regulatory

enc

**RECEIVED**

**MAR 17 2003**

DIV. OF OIL, GAS & MINING

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

010

5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT or CA AGREEMENT NAME: N/A
8. WELL NAME and NUMBER: Scofield Thorpe 22-41
9. API NUMBER: 4300730811
10. FIELD AND POOL, OR WILDCAT: Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL    OIL WELL     GAS WELL     OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
PRIMA OIL & GAS COMPANY

3. ADDRESS OF OPERATOR:    PHONE NUMBER:  
1099 18th St, Ste 400    Denver    CITY    STATE CO    ZIP 80202    (303) 297-2300

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2434' FSL, 996' FEL

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12 7

COUNTY: Carbon    STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Scofield Thorpe 22-41  
Plans to abandon old hole

It is planned to fill the old hole with ready mix concrete. Calculated volume to fill hole is 890 cubic feet. It is planned to plug the hole this way, as the hole will not hold regular oilfield cement. The gravel in the concrete will serve as a base for the cement to set. The hole will be plugged when weather allows access to the location

RECEIVED

MAR 17 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jan Kajiwar    TITLE Regulatory and Environmental Analysis

SIGNATURE Jan Kajiwar    DATE 3/10/03

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 3/25/03  
Initials: JKD

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

DATE: 3/25/03  
BY: [Signature]  
\* See conditions of Approval (attached)



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

***CONDITIONS OF APPROVAL  
TO PLUG AND ABANDON WELL***

Well Name and Number: Scofield Thorpe # 22-41  
API Number: 43-007-30811  
Operator: Prima Oil & Gas Company  
Reference Document: Original Sundry Notice dated March 10, 2003,  
received by DOGM on March 17, 2003.

Approval Conditions:

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.
2. Upon completion of plugging, a subsequent Sundry Notice shall be submitted to the Division describing the complete plugging procedure, including but not limited to the type, quantity and position of cement plugs.
3. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.
4. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.
5. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 prior to continuing with the procedure.
6. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

Dustin K. Doucet  
Petroleum Engineer

March 25, 2003

Date



**Prima Oil & Gas Company**

June 26, 2003

CONFIDENTIAL

Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114

Attention: Dustin Doucet

RE: Scofield Thorpe 22-41X  
Sec. 22-T12S-R7E  
Utah County, Utah

Dear Dustin:

I am faxing the sundry to plug and abandon the above well. Please review and see if I have all the necessary information. Gary Johnson will be the geologist on site. I do not have his cell phone number, but when I notify Dan Jarvis, I will give him that information. Prima will use the Conditions of Approval we received from your office in March 2003.

Thank you and should you have any questions, I can be reached at (303) 297-2300.

Sincerely,

Jan Kajiwara  
Environmental and Regulatory

enc

RECEIVED  
JUN 26 2003  
DIV. OF OIL, GAS & MINING

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

FORM 9

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
N/A

7. UNIT or CA AGREEMENT NAME:  
N/A

8. WELL NAME and NUMBER:  
SCOFIELD THORPE 22-41

9. API NUMBER:  
4300730811

10. FIELD AND POOL, OR WILDCAT:  
WILDCAT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
PRIMA OIL AND GAS COMPANY

3. ADDRESS OF OPERATOR:  
1099 18TH ST, SUITE CITY DENVER STATE CO ZIP 80202 PHONE NUMBER: (303) 297-2300

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2434' FSL; 1011' FEL COUNTY: CARBON  
QTR/CTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12 7 STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 6/27/2003	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
PROCEDURE TO PLUG ORIGINAL WELL:

Conductor Casing 13 3/8" at 45'. Cement to surface.  
Surface hole 12 1/4" drilled to 1541'.  
Fish in hole, top of fish at 1088'.  
Hole volume at 1088' = 890 cu.ft.

Procedure:

1. Remove well cap.
2. Fill hole with "Ready mix concrete" to surface. Estimated fill 33 yards, calculated excess = 50%, total estated as 50 yards.
3. Let cement set overnight.
4. Weld dry hie marker onto conductor casing.
5. Dig out cellar ring. Cover and level are around marker.

RECEIVED  
JUN 26 2003

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR  
Date: 6/26/03  
Initials: JAD

NAME (PLEASE PRINT) Jan Kajiwara TITLE Regulatory and Environmental Analyst

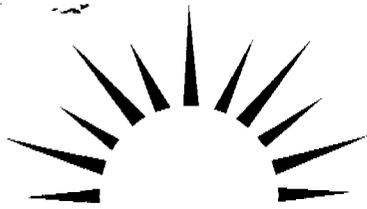
SIGNATURE *Jan Kajiwara* DATE 6/26/2003

(This space for State use only)

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

DATE: 6/26/03  
BY: *[Signature]*

\*Previous Conditions of Approval Still Apply (Attached)



**Prima Oil & Gas Company**

**CONFIDENTIAL**

July 25, 2003

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 14801  
Salt Lake City, Utah 84114-5801  
Attn: Ms. Carol Daniels

Re: **Well Completion Report and  
Sundry Notice of Subsequent P&A**

Dear Ms. Daniels:

Enclosed please find a copy of the referenced report and notice for the following well.

**Scofield Thorpe #22-41  
API No. 43-007-30811**

Your cooperation is appreciated and if you have any questions, I can be reached at (303) 297-2300. I am getting "re-acquainted" with Utah reporting, so I apologize in advance for anything I may have missed.

Sincerely,

**PRIMA OIL AND GAS COMPANY**

Susan Miller  
Operations Tech.

SMM  
Enclosures

**RECEIVED  
JUL 28 2003  
DIV. OF OIL, GAS & MINING**

DATE: 6-26-03

NOTE to the file  
1:30pm - Dustin said  
all was good to go.  
JK

014 TO: Dustin Bohat

FAX: 1-801-354-3940

SENDER: JAN KAJIWARA

CONFIDENTIAL

MESSAGE:

Dustin-  
I have a meeting with the BLH this morning.  
I will phone you after lunch to talk with  
you on this Sunday.

Thank you, Dustin  
JK

YOU SHOULD RECEIVE 3 PAGES (INCLUDING THIS COVER SHEET). IF YOU DO NOT RECEIVE ALL THE PAGES, PLEASE CALL (303) 297-2300.

1099 18<sup>th</sup> Street • Suite 400 • Denver, Colorado 80202  
Office: 303.297.2300 • Fax: 303.297.7708 • www.primaenergy.com

RECEIVED  
JUN 30 2003  
DIV. OF OIL, GAS & MIN.

180135593940	NORMAL	26, 6:52	0'50"	3	* O K
Telephone Number	Mode	Start	Time	Pages	Result

Jun 26 '03 6:53

P.1

\*\* Transmit Conf. Report \*\*

Fax: 3032977708

PrIma

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

012

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: Prima Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1099 18th St., Ste. 400 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80202		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2434' FSL and 1011' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 22 12S 7E		8. WELL NAME and NUMBER: SCOFIELD THORPE 22-41
PHONE NUMBER: (303) 297-2300		9. API NUMBER: 4900730811
COUNTY: Carbon		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/28/2003	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

6/27/03: Dug out damaged P&A marker on Wasatch Livestock Co. Fee #1 well. (P&A marker became a safety hazard to personnel conducting drilling operations on Scofield Thorpe 22-41 location.) Cleaned up location and smoothed out erosion areas.

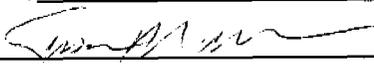
Dug out cellar ring and conductor pipe on Scofield Thorpe 22-41. Dumped 17 yards of Ready-Mix concrete down well. Cementing operations witnessed by by UDOGM rep., Mark Jones.

Installed new cellar ring around wellhead on Scofield Thorpe 22-41X. Leveled area around wellhead.

6/28/03: Cut off conductor casing on Scofield Thorpe 22-41 well. Installed P&A marker in accordance with State of Utah requirements. Filled hole and leveled location with backhoe. Cleaned up location and backfilled reserve pit.

Cut off drill pipe marker on Wasatch Livestock well and installed State of Utah regulation P&A marker. Filled hole and leveled location with backhoe.

Prima spudded the Scofield Thorpe 22-41 well on 9/13/02 and drilled to a depth of 1541'. The pipe became stuck and fishing operations were conducted for 5-days. It was then decided to skid the rig to the Scofield Thorpe 22-41X location.

NAME (PLEASE PRINT) <u>Susan Miller</u>	TITLE <u>Operations Tech.</u>
SIGNATURE 	DATE <u>7/25/2003</u>

(This space for State use only)

RECEIVED  
JUL 28 2003  
DIV. OF OIL, GAS & MINING

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

AMENDED REPORT  FORM 8  
(highlight changes)

013

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
 b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT or CA AGREEMENT NAME  
N/A

8. WELL NAME and NUMBER:  
SCOFIELD THORPE 22-41

2. NAME OF OPERATOR:  
Prima Oil & Gas Company

9. API NUMBER:  
4300730811

3. ADDRESS OF OPERATOR:  
1099 18th St., Ste. 400 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 297-2300

10. FIELD AND POOL, OR WILDCAT  
Wildcat

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2434' FSL and 1011' FEL  
  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
  
AT TOTAL DEPTH: 2434' FSL and 1011' FEL

11. QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NESE 22 12S 7E

12. COUNTY  
Carbon

13. STATE  
UTAH

14. DATE SPURRED: 9/13/2002  
15. DATE T.D. REACHED: 9/16/2002  
16. DATE COMPLETED: 6/28/2003

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
8457 GR

18. TOTAL DEPTH: MD 1,541  
TVD

19. PLUG BACK T.D.: MD  
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD  
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each):  
*No LOGS (LOGS RUN FOR RIG SKID)*

23. WAS WELL CORED? NO  YES  (Submit analysis)  
 WAS DST RUN? NO  YES  (Submit report)  
 DIRECTIONAL SURVEY? NO  YES  (Submit copy)

24. CASING AND LINES RECORD (report all strings set)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
14-1/2"		Conductor	0	45					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A								

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) None				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:  
 ELECTRICAL/MECHANICAL LOGS  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  
 GEOLOGIC REPORT  
 CORE ANALYSIS  
 DST REPORT  
 OTHER: \_\_\_\_\_  
 DIRECTIONAL SURVEY

30. WELL STATUS:  
P&A

RECEIVED  
JUL 28 2003

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

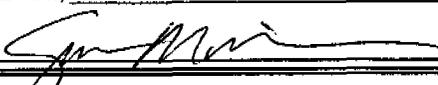
Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

34. FORMATION (Log) MARKERS:

35. ADDITIONAL REMARKS (include plugging procedure)

The well was drilled to a TD of 1541' and pipe became stuck. Attempted to free pipe 5-days, and decided to skid the rig.

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

NAME (PLEASE PRINT) Susan Miller TITLE Operations Technician  
 SIGNATURE  DATE 7/25/2003

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
 Fax: 801-359-3940