

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

PERMIT TO DRILL OR DEEPEN  
NATIONWIDE BOND #WY-2272  
(Other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

LEASE DESIGNATION AND SERIAL NO.

UTU-67549

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
DRILL  DEEPEN

b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
Snyder Oil Corporation Phone: (303) 592-8500

3. ADDRESS AND TELEPHONE NO.  
1625 Broadway, Suite 2200, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface: 620' FSL, 1965' FWL (SE $\frac{1}{4}$ SW $\frac{1}{4}$ ) Section 24, T9S, R18E  
At proposed prod. zone: Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 17 Miles Southeast of Myton, Utah

10. FIELD AND POOL, OR WILDCAT  
Eightmile Flat North

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 24, T9S, R18E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
620'

16. NO. OF ACRES IN LEASE  
280

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
1351.87'  $\pm$

19. PROPOSED DEPTH  
5500'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4897' GR

22. APPROX. DATE WORK WILL START\*  
December 16, 1994

23. (ALL NEW) PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24.0#	0-300'	225 sx Circulated to Surface *
7-7/8"	5-1/2" M-75 50	15.5#	0-5500'	617 sx Cement *

\* Cement volumes may change due to hole size. Calculate from Caliper Log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Snyder Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the UTD Chasel #24-14, Federal Lease #UTU-67549. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Snyder Oil Corporation, Nationwide Bond #WY-2272, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE 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.

24. SIGNED Tim A. Burns TITLE Drilling Engineer DATE 11/04/94

(This space for Federal or State office use)

PERMIT NO. 43-047-32566 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING DATE: 12/14/94 BY: J. Matthews

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_ WELL SPACING PL49-3-2

\*See Instructions On Reverse Side

**T9S, R18E, S.L.B.&M.**

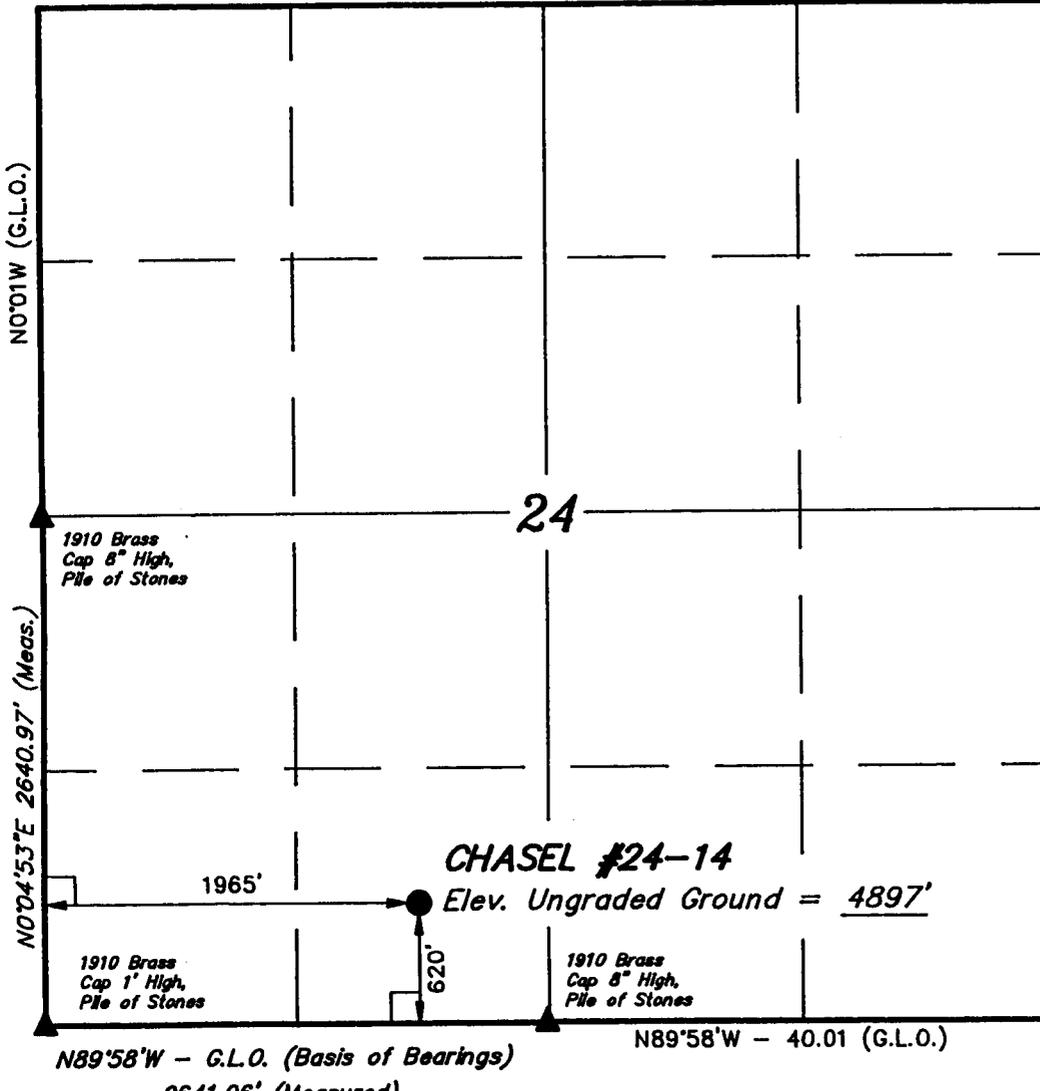
**SNYDER OIL CORP.**

Well location, CHASEL #24-14, located as shown in the SE 1/4 SW 1/4 of Section 24, T9S, R18E, 6th P.M. Uintah County, Utah.

R  
18  
E

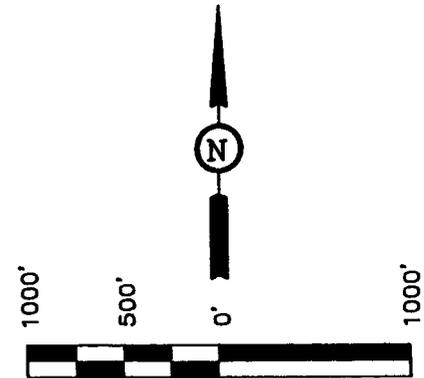
R  
19  
E

N89°59'W - 80.04 (G.L.O.)



**BASIS OF ELEVATION**

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 24, T9S, R18E, S.L.B.&M. TAKEN FROM THE UTELAND BUTTE, QUADRANGLE, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4830 FEET.



SCALE

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kay*

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 181378  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

**LEGEND:** 2641.06' (Measured)

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 9-12-94	DATE DRAWN: 9-16-94
PARTY J.F. G.B. D.J.S.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SNYDER OIL CORP.	

SNYDER OIL CORPORATION  
Lease #UTU-67549, UTD Chasel #24-14  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 24, T9S, R18E  
Uintah County, Utah

<b>DRILLING PROGNOSIS</b>
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**1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS**

Uinta	Surface	Green River LS	5150'
Green River	1800'	Wasatch	5300'
Douglas Creek	3500'	Total Depth	5500'

**2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS**

Green River	1800'	Oil/Gas	- Possible
Douglas Creek	3500'	Oil/Gas	- Primary Objective
Green River LS	5150'	Oil/Gas	- Possible

Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

**3. PRESSURE CONTROL EQUIPMENT - Schematic Attached**

**A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer and 3,000 psi wellhead.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. Kill line (2-inch minimum).
5. Two (2) kill line valves, one of which will be a check valve (2-inch minimum).
6. 3-inch (minimum) choke line.
7. Two (2) choke line valves (3-inch minimum).
8. Two (2) adjustable chokes.
9. Pressure gauge on choke manifold.
10. Upper kelly cock valve with handle available.
11. Full opening internal blowout preventer or drill pipe safety valve able to fit all connections.
12. Fill-up line above the uppermost preventer.

**B. Pressure Rating:** 3,000 psi

### 3. PRESSURE CONTROL EQUIPMENT - Continued

#### C. Testing Procedure:

##### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1) when the annular preventer is initially installed;
- 2) whenever any seal subject to test pressure is broken;
- 3) following related repairs; and
- 4) at thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

##### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1) when the BOP is initially installed;
- 2) whenever any seal subject to test pressure is broken;
- 3) following related repairs; and
- 4) at thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All blowout preventer drills and tests will be recorded in the International Association of Drilling Contractors (IADC) driller's log.

3. PRESSURE CONTROL EQUIPMENT - Continued

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps. The fluid reservoir capacity will be double the accumulator capacity and the fluid level will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in *Onshore Oil & Gas Order Number 2*.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Blooie line discharge 100 feet from well bore and securely anchored.
4. Straight run on blooie line.
5. Deduster equipment (not required for aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.

**3. PRESSURE CONTROL EQUIPMENT**

**F. Special Drilling Operations: Continued**

8. Automatic igniter or continuous pilot light on the blooie line (not required for aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

**G. Miscellaneous Information:**

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill the UTD Chasel #24-14.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

**4. THE PROPOSED CASING AND CEMENTING PROGRAM**

**A. Casing Program: All New**

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
20 "	16 "	Steel	----	----	0- 60' <sup>1</sup>
12-1/4"	8-5/8"	24.0#	J-55	ST&C	0- 300'
7-7/8"	5-1/2"	15.5#	M- <del>75</del> 50	LT&C	0-5500'

<sup>1</sup> Conductor optional.

The surface casing will have centralizers on the bottom three (3) joints joint of casing, with a minimum of one (1) centralizer per joint starting with the shoe joint.

4. THE PROPOSED CASING AND CEMENTING PROGRAM

A. Casing Program: Continued

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program:

Surface Conductor - Set with approximately five (5) cubic yards (yd<sup>3</sup>) of Redi-Mix cement, circulated back to surface.

Surface Casing - Set with approximately 225 sx of Class "G" cement + additives, circulated back to surface.

Production Casing - Lead with approximately 242 sx of Pacesetter Lite cement + additives.

Tail with approximately 375 sx of 50/50 Poz-Mix cement + additives.

A sufficient quantity of cement will be utilized to achieve full coverage across the upper Green River Formation. Estimated top of cement ≈ 1400'.

The above cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. MUD PROGRAM - Visual Monitoring

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 300'	Fresh H <sub>2</sub> O/Gel	8.8-9.3	28-34	No Control
300-5500'	Aerated Brine	8.2-8.8	30-35	+ 25 cc's
As Needed <sup>1</sup>	Salt Water/Gel	9.2-9.8	30-45	15-25 cc's

5. MUD PROGRAM - Continued

<sup>1</sup> The drilling fluids system will consist of air/mist (with 3% KCl water as the base fluid) for as long and/or as deep as possible. Should hole conditions deteriorate prior to reaching total depth, an alternative drilling fluids system would be utilized consisting of a salt/gel mud (with 3% KCl water as the base fluid).

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

No chromate additives will be used in the mud system on Federal or Indian lands without prior approval of the Bureau of Land Management in order to ensure adequate protection of fresh water aquifers. Hazardous substances specifically listed by the Environmental Protection Agency as a hazardous waste or demonstrating the characteristics of a hazardous waste will not be used in drilling, testing or completion operations.

6. EVALUATION PROGRAM

Logs : FDC/CNL/GR/DIL<sup>1</sup> - from 5500' to 3500'  
Micro-SFL - from 5500' to 300'

<sup>1</sup> Pull Gamma Ray to surface.

DST's : None anticipated.

Cores : None anticipated.

The proposed Evaluation Program may change at the discretion of the well site geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, *Well Completion and Recompletion Report and Log* (Form #3160-4) will be submitted to the Vernal District Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

**6. EVALUATION PROGRAM - Continued**

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form #3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer, Vernal District Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Telephone: (801) 789-1362.

**7. ABNORMAL CONDITIONS**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 2,750 psi (calculated at 0.50 psi/foot of hole) and maximum anticipated surface pressure equals approximately 1,540 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

**8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS**

**A. Anticipated Starting Dates:**

Anticipated Commencement Date - December 16, 1994  
Drilling Days - Approximately 7 Days  
Completion Days - Approximately 7 days

**B. Notification of Operations:**

Vernal District Office, Bureau of Land Management  
Address : 170 South 500 East; Vernal, Utah 84078  
Phone : (801) 789-1362  
Fax : (801) 789-3634

In the event after-hours approvals are necessary, please contact one of the following individuals:

<u>Contact Title</u>	<u>Contact Name</u>	<u>Home Phone</u>
Petroleum Engineer	Gerald E. Kenczka	(801) 781-1190
Petroleum Engineer	Ed Forsman	(801) 789-7077

## 8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

### B. Notification of Operations: Continued

The Vernal District Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5);
2. initiating pressure tests of the blow-out preventer and related equipment;
3. running casing and cementing of ALL casing strings.

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR, Part 3160), and this approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved Application for Permit to Drill must be on location during construction, drilling and completion operations. The following items are emphasized:

#### DRILLING/PRODUCING OPERATING STANDARDS

There shall be no deviation from the proposed drilling and/or workover program as approved. Safe drilling and operating practices must be observed.

All wells, whether drilling, producing, suspended or abandoned shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, the lease serial number, the well number and the surveyed description of the well.

Any changes in operations must have prior approval from the Authorized Officer (AO), Vernal District Office, Bureau of Land Management.

Pressure tests are required before drilling out from under all casing strings set and cemented in place. Blowout preventer controls will remain in use until the well is either completed or abandoned. Preventers will be inspected and operated at least daily to insure good mechanical working order, and this inspection will be recorded on the daily drilling report.

8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS

B. Notification of Operations: Continued

All BOP tests must be recorded in the daily drilling report. **NOTIFY DISTRICT PETROLEUM ENGINEER AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE OF PRESSURE TESTS.**

In accordance with *Onshore Oil & Gas Order Number 1*, this well will be reported on MMS Form #3160-6, *Monthly Report of Operations and Production*, starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL-3A will be reported to the Vernal District Office. Major events will be reported verbally within twenty-four (24) hours and will be followed with a written report within fifteen (15) days. "Other than Major Events" will be reported in writing within fifteen (15) days. "Minor Events" will be reported on the *Monthly Report of Operations and Production* (Form #3160-6)

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Area Petroleum Engineer.

A *Notice of Intention to Abandon* (Form #3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and the Federal Lease Number.

**8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS**

**B. Notification of Operations: Continued**

A *Subsequent Report of Abandonment* (Form #3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore. This report will indicate where plugs were placed and the current status of surface restoration operations.

If surface restoration has not been completed at that time, a follow-up report on Form #3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) day or otherwise authorized test period.

Not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than ninety (90) days, the operator shall notify the Authorized Officer by letter or "Sundry Notice", of the date on which such production has begun or resumed. The notification shall provide as a minimum, the following informational items:

- a. Operator name, address, and telephone number
- b. Well name and number
- c. Well location " $\frac{1}{4}$ ,  $\frac{1}{4}$ , Section, Township, Range, P.M."
- d. Date well was placed in a producing status
- e. The nature of the wells production, i.e.: crude oil casing gas, or natural gas and entrained liquid hydrocarbons.
- f. The OCS, Federal or Indian lease prefix and number on which the well is located. Otherwise, the non-Federal or non-Indian land category, ie.: state or private.

Within sixty (60) days following construction of a new tank battery, a site facility diagram of the battery showing actual conditions and piping must be submitted to the Authorized Officer.

**8. ANTICIPATED STARTING DATES AND NOTIFICATION OF OPERATIONS**

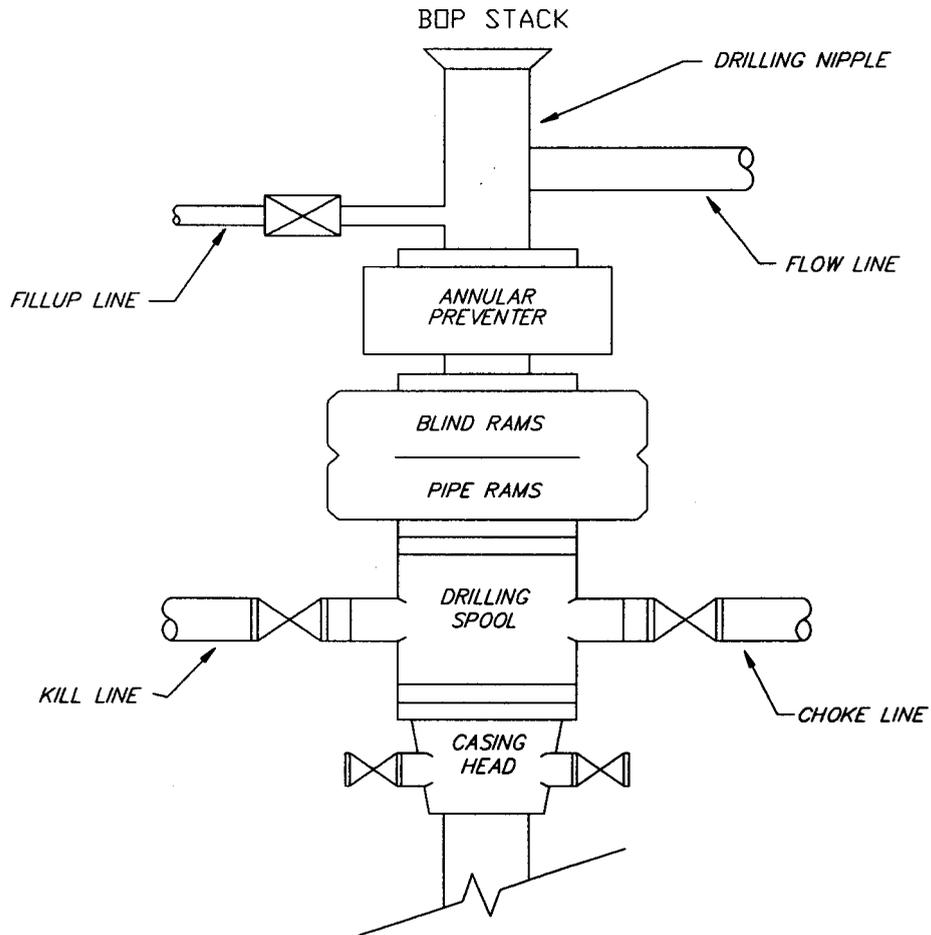
**B. Notification of Operations: Continued**

Facility diagrams shall be filed within sixty (60) days after existing facilities are modified. For complete information as to what is required on these diagrams, please refer to 43 CFR 3162.7-4(d).

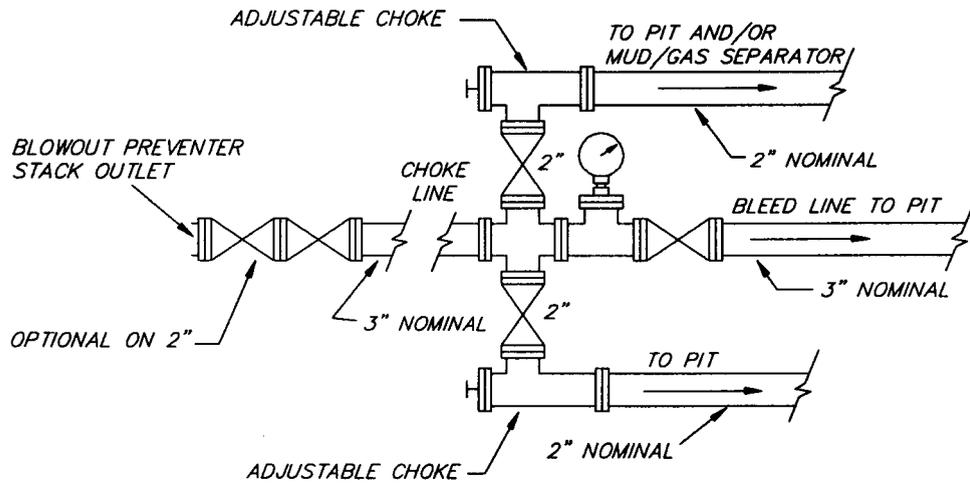
Pursuant to *Onshore Oil & Gas Order Number 1*, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable federal laws and regulations and with state and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

# SNYDER OIL CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER SCHEMATIC



## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



SNYDER OIL CORPORATION  
Lease #UTU-67549, UTD Chasel #24-14  
SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Section 24, T9S, R18E  
Uintah County, Utah

<b>MULTI-POINT SURFACE USE AND OPERATIONS PLAN</b>
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**1. EXISTING ROADS - Refer to Maps "A" and "B" (shown in ORANGE)**

- A. The proposed well site is staked and four (4) 200-foot reference stakes are present.
- B. To reach the location from the community of Myton, Utah; proceed generally southwest approximately 1.5 miles on Highway 40 (a paved U.S. highway), thence generally south/southeast approximately 7.0 miles on an existing paved road (an upgraded Duchesne County road), thence continuing generally south/southeast approximately 4.2 miles on an existing Duchesne County road (crowned & ditched with a gravel surface), thence generally east approximately 6.4 miles on an existing Duchesne/Uintah County road (crowned & ditched with a gravel surface), thence generally southeast approximately 3.9 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally northeast approximately 0.2 miles to the proposed UTD Chasel #24-14 well location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one (1) mile radius - refer to Map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the UTD Chasel #24-14 well location.

**2. PLANNED ACCESS ROADS - Refer to Map "B" (shown in GREEN)**

Approximately 0.2 miles of new road construction will be required for access to the proposed UTD Chasel #24-14 well location.

- A. Width - maximum thirty (30) foot overall right-of-way with an eighteen (18) foot running surface, crowned and ditched for drilling and completion operations.
- B. Construction standard - the proposed access road will be constructed in accordance with roading guidelines established for oil & gas exploration and development activities as referenced in the joint BLM/USFS publication: *Surface Operating Standards for Oil and Gas Exploration and Development*, Third Edition.

2. PLANNED ACCESS ROADS - Continued

- B. Construction standard - the access road will be designed and constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe roadway.

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Should mud holes develop, they shall be filled in and detours around them avoided.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

- C. Maximum grade - four (4) percent or less.  
D. Turnouts - turnouts will be constructed along the access road route as necessary or required to allow for the safe passage of traffic. None anticipated for this short segment of new access road.  
E. Drainage design - the access road will be upgraded and maintained as necessary to prevent soil erosion and accommodate all-weather traffic. The proposed road will be crowned and ditched with water turnouts installed as necessary to provide for proper drainage along the access road route.  
F. Culverts, cuts and fills - one (1) 18-inch culvert will be required at the junction of the proposed access road with the existing oilfield road.

This culvert will be installed in accordance with roading guidelines contained in the joint BLM/USFS publication: *Surface Operating Standards for Oil and Gas Exploration and Development*, Third Edition regarding road construction standards on public domain lands.

2. PLANNED ACCESS ROADS - Continued

- F. Culverts, cuts and fills - there are no major cuts and/or fills anticipated on/along the proposed access road route.
- G. Surfacing material - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials within the general area, if required by the Authorized Officer, Bureau of Land Management.

None anticipated at this time.

- H. Gates, cattleguards or fence cuts - no gates, cattleguards or fence cuts will be required on/along the proposed access road route.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during all operations.

All drainage ditches will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards.

- J. The proposed access road route has been centerline staked.

3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS

- A. Water wells - none known.
- B. Abandoned wells - SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 25, T9S, R18E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - SW $\frac{1}{4}$ SE $\frac{1}{4}$ , Section 13, T9S, R18E.  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 24, T9S, R18E.  
SW $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 25, T9S, R18E.  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 26, T9S, R18E.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES OWNED BY SNYDER OIL CORPORATION WITHIN A ONE (1) MILE RADIUS

A. Existing

1. Tank batteries - none known.
2. Production facilities - none known.
3. Oil gathering lines - none known.
4. Gas gathering lines - none known.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty (20) feet from the toe of the back slope or top of the fill slope.
2. Should drilling result in the establishment of commercial production from the UTD Chasel #24-14 well location, production facilities will require an area approximately 250' X 125'.

A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval *prior* to commencement of installation operations.

3. Production facilities will be accommodated on the disturbed portion of the well pad. Construction materials needed for installation of the production facilities will be obtained from the site; any additional materials needed will be purchased from a local supplier having a permitted source of materials in the general area.

A dike will be constructed completely around those production facilities which are designed to hold fluids (e.g., condensate tanks and/or produced water tanks). These dikes will be constructed of compacted subsoil, be impervious, be designed to hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent [on-site for six (6) months or longer] above-the-ground structures constructed or installed on the well location (including pumping units, tank batteries, etc.) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Five (5) State Rocky Mountain Interagency Committee.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES OWNED BY SNYDER OIL CORPORATION WITHIN A ONE (1) MILE RADIUS

B. New Facilities Contemplated - Continued

4. All production facilities will be painted within six (6) months of installation. Facilities required to comply with *Occupational Safety and Health Act Rules and Regulations* will be excluded from this painting requirement.

The required paint color is *Desert Brown*, Munsell standard color number 10YR 6/3.

5. If at any time the facilities located on public lands and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the Bureau of Land Management will process a change in authorization to the appropriate statute). The authorization will be subject to the appropriate rental or other financial obligation as determined by the Authorized Officer.

- C. The production (emergency) pit will be fenced "sheep-tight" with woven wire mesh having two (2) top strands of barbed wire held in place by metal side posts and wooden corner "H" braces in order to protect livestock and wildlife (refer to Item #9F, page #'s 9 and 10).

- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road and any additional areas which may be specified in the approved Application for Permit to Drill.

- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer, Bureau of Land Management.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Fresh water for drilling will be obtained from an irrigation drain owned by Joe Shields and located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 15, Township 4 South, Range 2 West (USBM) in Duchesne County, Utah; permit #47-1674 (A57708).

**5. LOCATION AND TYPE OF WATER SUPPLY - Continued**

- A. Should this water source prove inadequate, additional water will be obtained from a concrete diversion box in Babcock Draw which is owned by Nebeker Trucking. The proposed diversion point is located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 34, Township 3 South, Range 2 West (USBM) in Duchesne County, Utah; permit #43-1721 ((A10906/t17981).
- B. Water will be transported via tank truck over existing roads from the point of diversion to the proposed UTD Chasel #24-14 well location. No new road construction will be required on/along the proposed water haul route.

Access across any off-lease federal lands which may be crossed on/along the proposed water haul route will be secured under a separate right-of-way authorization to be issued by the Authorized Officer, Book Cliffs Resource Area Office, Bureau of Land Management.

- C. No water well will be drilled on this location.

**6. SOURCE OF CONSTRUCTION MATERIALS**

- A. Any construction materials which may be required for surfacing of the drill pad will be obtained from a private contractor having a previously approved (private) source of materials within the general area.

Please refer to Item #2G (page #3) for information regarding any construction materials which may be required for on the access road.

- B. No construction materials will be taken from federal or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any construction materials which may be required for surfacing of the access road and/or installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials within the general area.
- D. No new access roads for transportation of these construction materials will be required.

**7. METHODS OF HANDLING WASTE MATERIALS**

- A. Cuttings - the drilled cuttings will be deposited in the reserve pit.

7. METHODS OF HANDLING WASTE MATERIALS - Continued

- B. Drilling fluids - including any salts and/or chemicals utilized in the mud system will be contained in the reserve pit. The reserve pit will be constructed so as not to leak, break, or allow discharge. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred and eighty (180) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Snyder Oil Corporation.

- C. Produced fluids - liquids produced during completion operations will either be placed in test tanks on the well location (when a gel frac system is used) or into the reserve pit (when a foam frac system is used). Produced water will be confined to a lined pit (reserve pit) for a period not to exceed ninety (90) days after initial well completion.

During this ninety (90) day period, in accordance with *Onshore Oil & Gas Order Number 7*, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted to the Authorized Officer for review and approval as applicable. Failure to file an application within the time frame allowed will be considered as an incidence of noncompliance.

Any spills of oil, gas, salt water or any other potentially hazardous substance will be cleaned up and immediately removed to an approved disposal site.

- D. Sewage - portable, self-contained chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations (or as required) the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. Sewage disposal will be in strict accordance with applicable State of Utah rules and regulations regarding sewage treatment and disposal.

**7. METHODS OF HANDLING WASTE MATERIALS - Continued**

- E. Garbage and other waste material - all garbage and non-flammable waste materials will be contained in a self contained, portable dumpster or trash cage. Upon completion of operations, or as needed, the accumulated trash will be hauled off-site to an approved sanitary landfill. No trash will be placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No potentially adverse materials or substances will be left on the location.

Any open pits will be fenced during the drilling operation and said fencing will be maintained until such time as the pits have been backfilled.

- G. Hazardous materials - Snyder Oil Corporation has no plans to utilize, store, transport or dispose of any chemical or chemicals listed on or subject to the Environmental Protection Agency's *Consolidated List of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986*, or any extremely hazardous substances, as defined in 40 CFR 355, on the UTD Chasel #24-14 lease.

**8. ANCILLARY FACILITIES**

None anticipated.

**9. WELLSITE LAYOUT**

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the proposed well location (please refer to Figure #2).

A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.

- B. Figure #1 is a diagram showing a typical rig layout. No permanent living facilities are planned on the UTD Chasel #24-14 well location.

9. WELLSITE LAYOUT - Continued

- B. There will be a maximum of three (3) trailers on location during drilling operations, which will serve as both office and housing for the mud logger, geologist and toolpusher.
- C. All equipment and vehicles will be confined to the approved areas in this Application for Permit to Drill (i.e., access road and well pad areas).
- D. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via *Sundry Notice* (Form 3160-5) for approval prior to the commencement of installation operations. Please refer to Item #4B2 (page #4) for additional information in this regard.
- E. If porous subsoil materials (i.e., gravel, scoria, sand, faulted rock structures, etc.) are encountered during reserve pit construction, an impervious liner will be installed in order to prevent drilling water loss through seepage.

If required, this liner will have a permeability less than or equal to  $1 \times 10^{-7}$  cm/sec. The liner will be chemically compatible with all substances which may be put into the pit and will be installed so that it will not leak. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use.

The liner would be installed with sufficient bedding (either straw or dirt) to cover any rocks, will overlap the pit walls, extend under the mud tanks, and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner will be disposed of in the reserve pit.

- F. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on the three (3) non-working sides according to the following minimum standards (if/as required by the Authorized Officer):
  - 1. 32-inch net wire shall be used with two (2) strands of barbed wire on top of (above) the net wire.
  - 2. The net wire shall be no more than four (4) inches above the ground. The first strand of barbed wire shall be  $\approx$  three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

## 9. WELLSITE LAYOUT

F. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on the three (3) non-working sides according to the following minimum standards: continued

3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
4. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth (4th) side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

G. Any hydrocarbons on the pit will be removed as soon as possible after drilling operations are completed.

## 10. PLANS FOR RECLAMATION OF THE SURFACE

A. Rat and mouse holes will be backfilled and compacted from bottom to top immediately upon release of the completion rig from the location.

B. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substance(s) will be flagged overhead or covered with wire mesh to protect migrating waterfowl.

C. Producing Operations:

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production. Any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
2. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.

## 10. PLANS FOR RECLAMATION OF THE SURFACE

### C. Producing Operations: Continued

3. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. All other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
4. The reserve pit and that portion of the location and access road not needed for production facilities and/or operations will be reclaimed within one hundred and eighty (180) days from the date of well completion, weather permitting.
5. For production, the fill slopes will be reduced from a 1.5:1 slope to a 4:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 3:1 slope by pushing the fill material back up into the cut.
6. Upon completion of backfilling, leveling and recontouring, all disturbed surfaces (access road and well pad areas) will be scarified to a depth of one (1) foot and left with a rough surface. The stockpiled topsoil will then be evenly redistributed to a depth of six (6) inches over the reclaimed area(s).
7. Prior to commencement of seeding operations, the seedbed will be prepared by disking on the contour to a depth of four (4) to six (6) inches, leaving no depressions that would trap water or form ponds.

All disturbed surfaces (including the access road and well pad areas) will be reseeded with a seed mixture to be recommended by the Authorized Officer, Bureau of Land Management.

8. Seed will be drilled on the contour with a seed drill equipped with a depth regulator in order to ensure even depths of planting. Seed will be planted between one-quarter (1/4) to one-half (1/2) inches deep. Where drilling is not possible (too steep or rocky), hand broadcast the seed at double the rate indicated above and rake or chain the area to cover the broadcast seed.

## 10. PLANS FOR RECLAMATION OF THE SURFACE

### C. Producing Operations: Continued

9. Fall seeding will be completed after September 15<sup>th</sup> and prior to ground frost. If applicable, spring seeding will be completed after the frost has left the ground and prior to May 15<sup>th</sup>. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is achieved. The first evaluation of growth will be made following the completion of the first growing season.

### D. Dry Hole/Abandoned Well Location:

1. At such time as the well is physically plugged and abandoned, Snyder Oil Corporation will submit a "Subsequent Report of Abandonment" to the Authorized Officer for approval. At that time, the Bureau of Land Management will formulate the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

## 11. SURFACE OWNERSHIP

The well location and proposed access road route are situated on surface estate which is owned by the United States of America and administered by:

Area Manager  
Book Cliffs Resource Area Office  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
Telephone: (801) 789-1362

## 12. OTHER INFORMATION

### A. General Description of the Project Area:

The project area is situated in the Uinta Basin section of the Colorado Plateaus physiographic province in an area of northeastern Utah which has undergone intensive oil/gas development activities within the last few years. The overall area is characterized by moderately to severely eroded uplands located between the Duchesne River to the north and the Green River to the east.

## 12. OTHER INFORMATION

### A. General Description of the Project Area: Continued

This area is classified as a "High Plains Steppe" (cold desert) and exhibits a sparse to moderate vegetation density which is typical of semi-arid areas at higher elevations (4500-5500').

Generally, local flora consists of native grasses such as salt grass, galleta grass, needle-and-threadgrass, Indian ricegrass; woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists primarily of mule deer, coyotes, badgers, skunks, rabbits, raptors, and various smaller vertebrate and invertebrate species.

There are no known threatened or endangered species that would be affected by implementation of operations on the UTD Chasel #24-14 well location.

### B. Surface Use Activities:

The primary surface use is for livestock grazing.

### C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:

1. The closest source of permanent water is the Duchesne River, located approximately fourteen (14) miles north of the proposed well location.
2. The closest occupied dwellings are located in the community of Myton, Utah approximately seventeen (17) miles northwest of the proposed well location.
3. Snyder Oil Corporation will be responsible for informing all persons associated with this project that they will be subject to prosecution for damaging, altering, excavating or removing any archaeological, historical, or vertebrate fossil objects or site(s).

If archaeological, historical or vertebrate fossil materials are discovered, Snyder Oil Corporation will suspend all operations that further disturb such materials and immediately contact the Authorized Officer.

**12. OTHER INFORMATION**

**C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued**

3. Operations will not resume until written authorization to proceed is issued by the Authorized Officer.

Within five (5) working days the Authorized Officer will evaluate the discovery and inform Snyder Oil Corporation of actions that will be necessary to prevent loss of significant cultural or scientific values.

Snyder Oil Corporation will be responsible for the cost of any mitigation required by the Authorized Officer. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, Snyder Oil Corporation will be allowed to resume operations.

**D. Additional Requirements for Operations on Lands Administered by the Bureau of Land Management:**

1. Snyder Oil Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Land Management, or the Uintah County Extension Office.

On lands administered by the Bureau of Land Management, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.

2. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on federal lands after conclusion of drilling operations or at any other time without the proper authorization from the Bureau of Land Management.

**12. OTHER INFORMATION**

**D. Additional Requirements for Operations on Lands Administered by the Bureau of Land Management:**

2. However, if Bureau of Land Management authorization is obtained, it is only a temporary measure to allow Snyder Oil Corporation the time to make arrangements for permanent storage at a commercial facility.
3. Snyder Oil Corporation shall contact the Bureau of Land Management between 24 and 48 hours prior to commencement of construction activities on the access road and/or well location: (801) 789-1362.

The Bureau of Land Management shall be notified upon site completion and prior to moving drilling tools onto the location.

**13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

**Representative**

Snyder Oil Corporation  
Tim A. Burns, Drilling Engineer  
1625 Broadway, Suite 2200  
Denver, Colorado 80202  
Telephone: (303) 592-8500

Heitzman Drill-Site Services\*  
Dale Heitzman and/or Robert M. Anderson  
P.O. Drawer 3579  
Casper, Wyoming 82602  
Telephone: (307) 266-4840

\* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

**Certification**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

Certification - Continued

Snyder Oil Corporation will be fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to their field representative(s) in order to ensure compliance.

The dirt contractor will be provided with a copy of the Surface Use Plan from the approved Application for Permit to Drill.

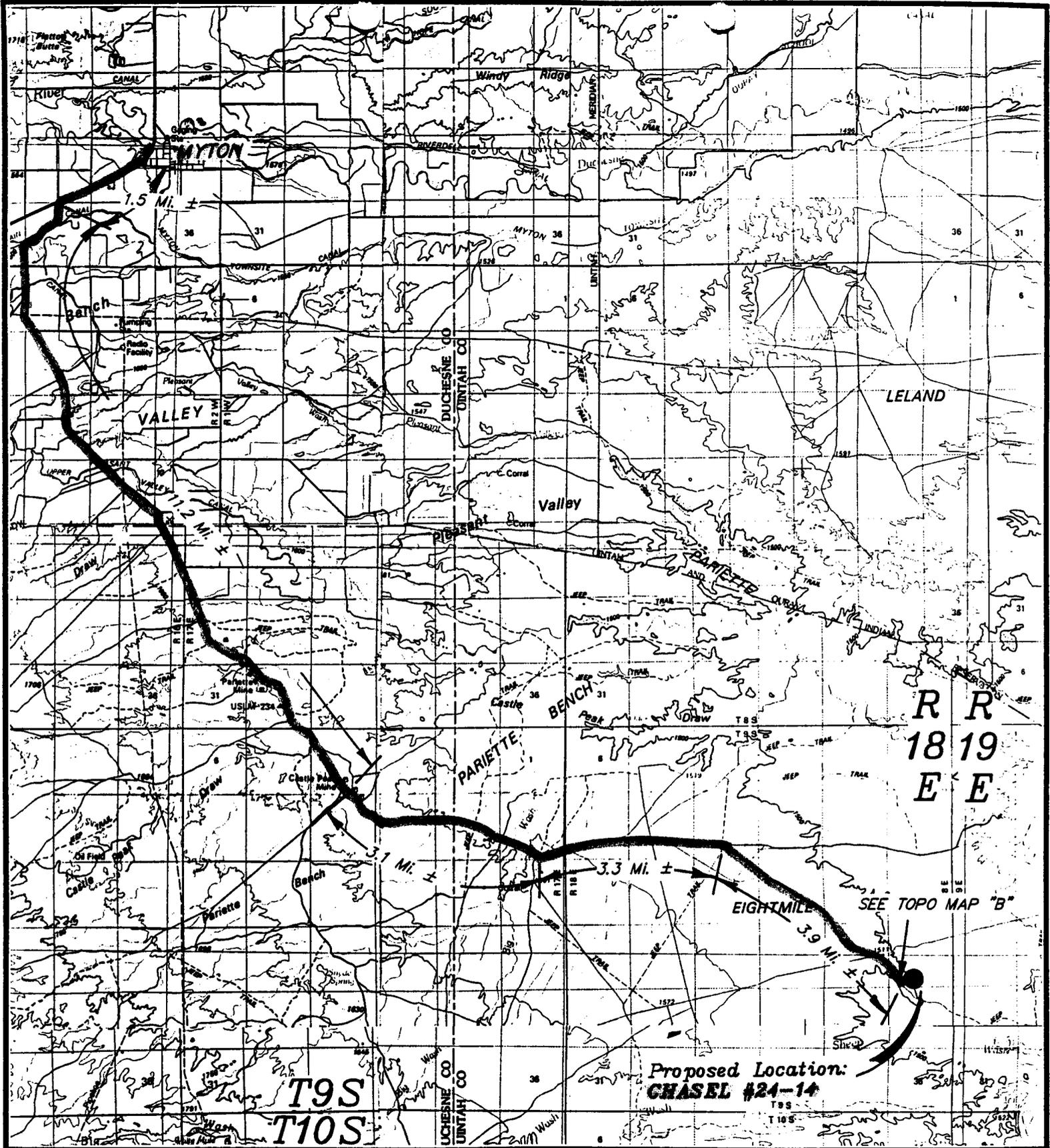
This drilling permit will be valid for a period of one (1) year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the Authorized Officer. If operations are to be suspended, prior approval of the Authorized Officer will be obtained and notification given before resumption of operations.

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 currently 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 Snyder Oil Corporation, their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4 November 1994  
Date

  
Robert M. Anderson/Authorized Agent



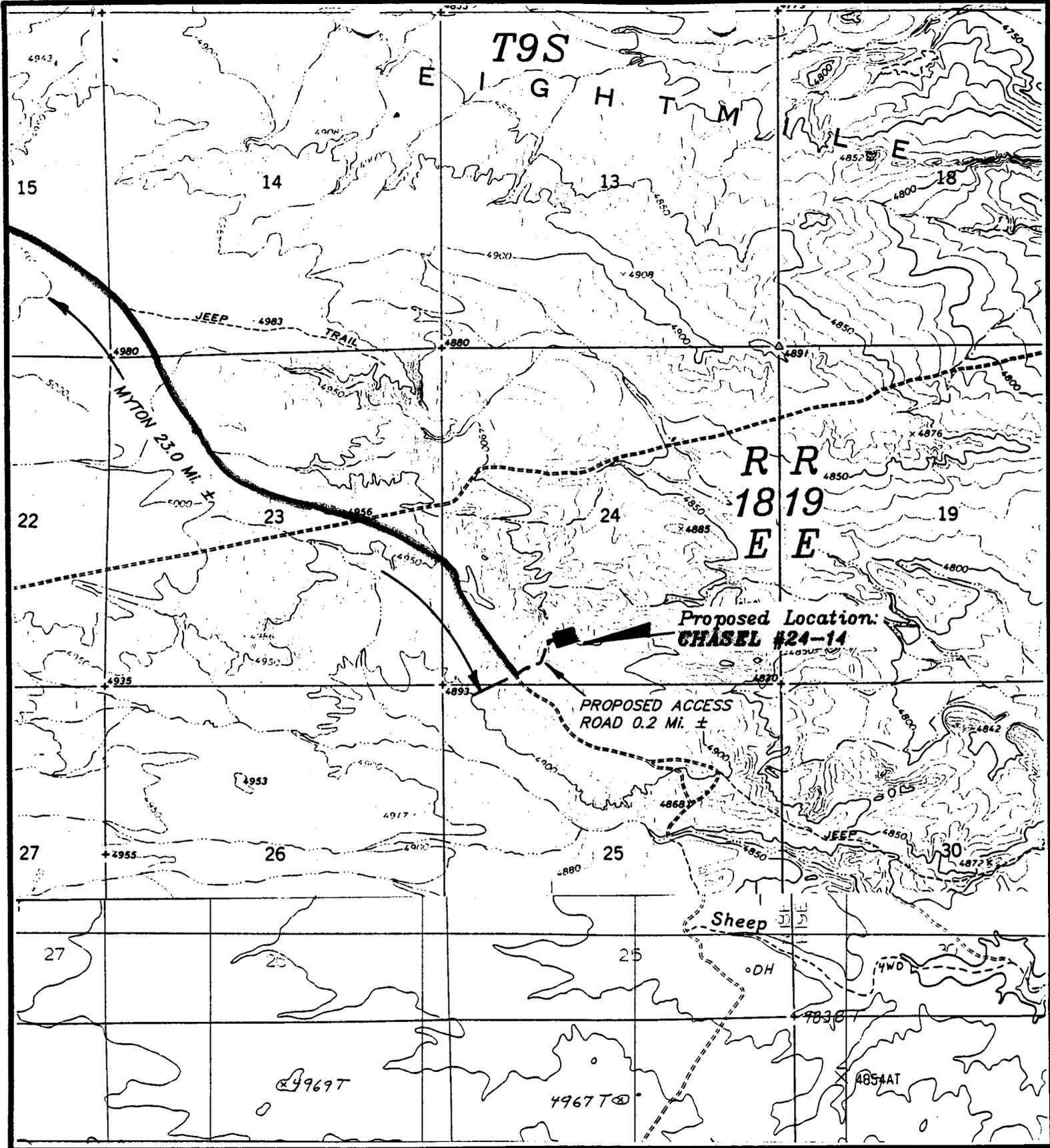
TOPOGRAPHIC  
MAP "A"

DATE: 9-15-94 D.J.S.



**SNYDER OIL CORP.**

CHASEL #24-14  
SECTION 24, T9S, R18E, S.L.B.&M.  
620' FSL 1965' FWL



TOPOGRAPHIC

MAP "B"

SCALE: 1" = 2000'

DATE: 9-16-94 D.J.S.



**SNYDER OIL CORP.**

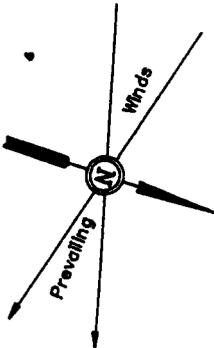
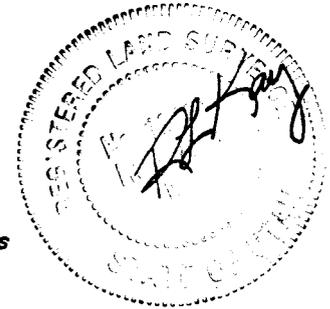
CHASEL #24-14  
SECTION 24, T9S, R18E, S.L.B.&M.  
620' FSL 1965' FWL

SNYDER OIL CORP.

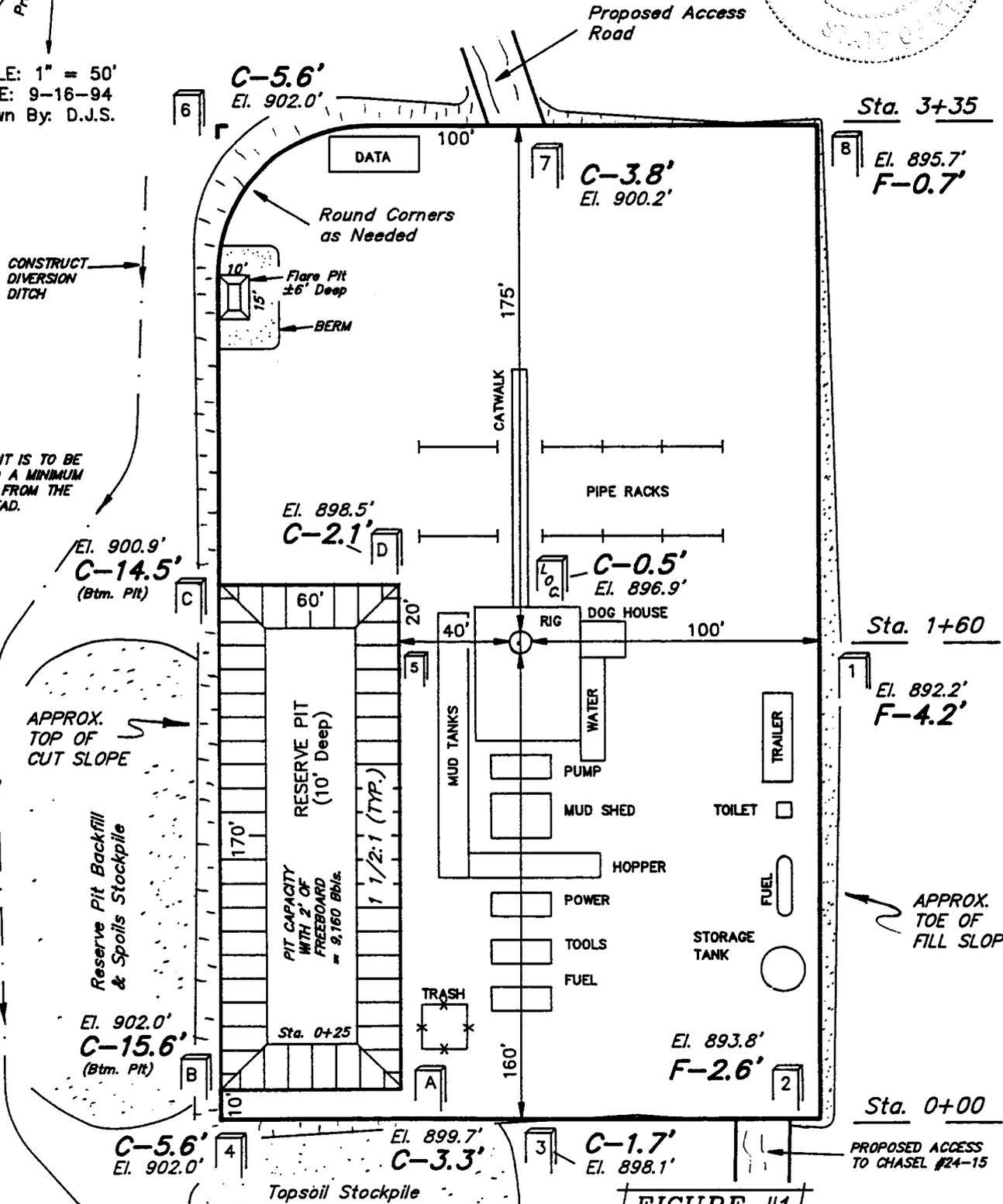
LOCATION LAYOUT FOR

CHASEL #24-14  
SECTION 24, T9S, R18E, S.L.B.&M.

620' FSL 1965' FWL



SCALE: 1" = 50'  
DATE: 9-16-94  
Drawn By: D.J.S.



**NOTE:**  
FLARE PIT IS TO BE LOCATED A MINIMUM OF 100' FROM THE WELL HEAD.

APPROX. TOP OF CUT SLOPE

APPROX. TOE OF FILL SLOPE

FIGURE #1

Elev. Ungraded Ground at Location Stake = 4896.9'  
Elev. Graded Ground at Location Stake = 4896.4'

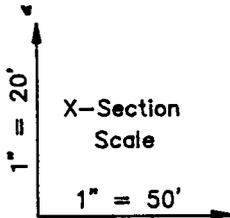
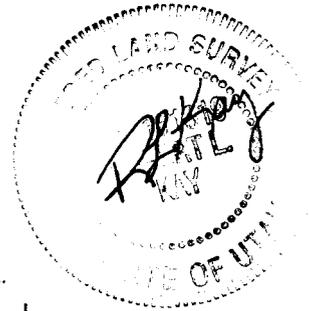
SNYDER OIL CORP.

TYPICAL CROSS SECTIONS FOR

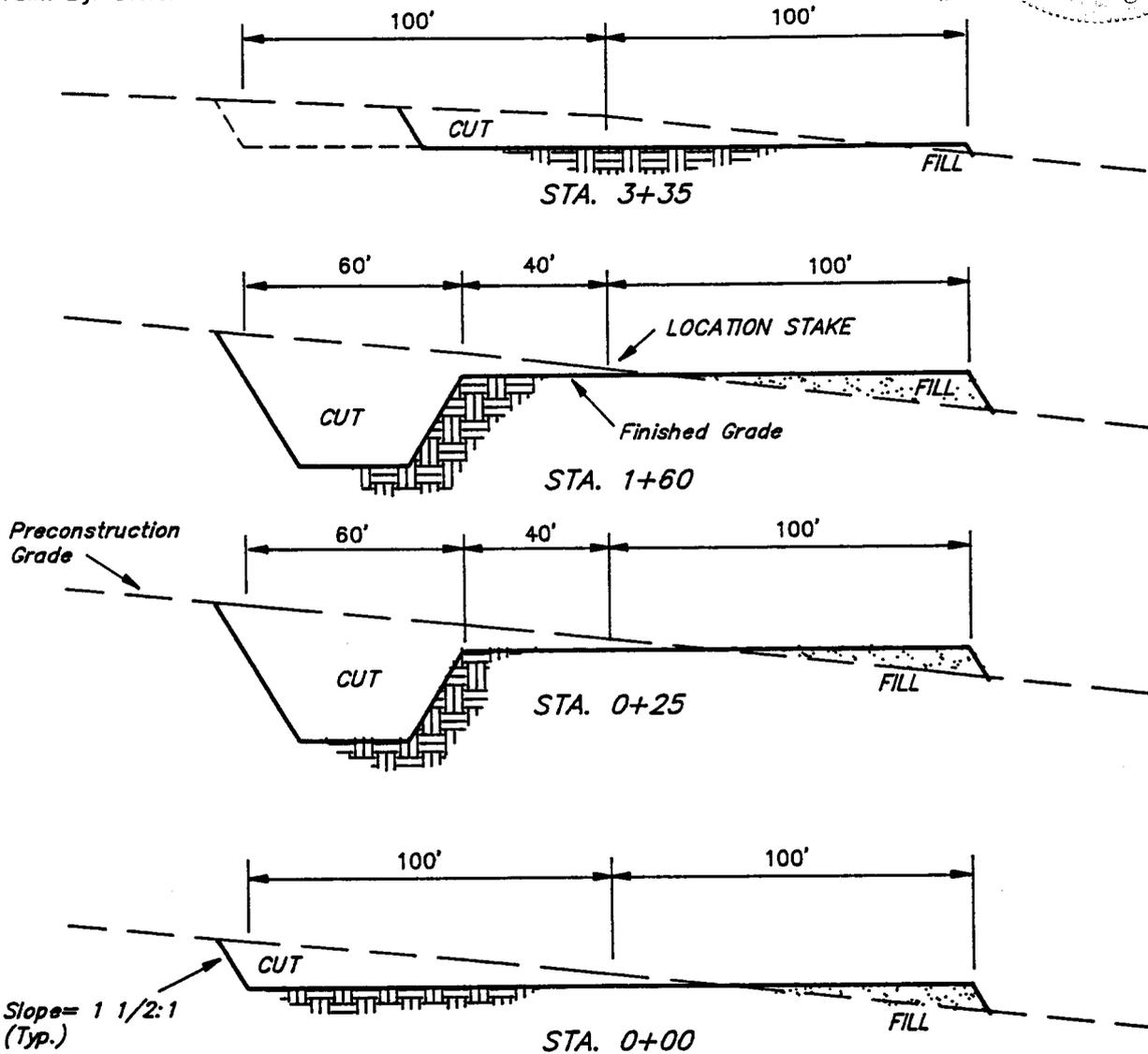
CHASEL #24-14

SECTION 24, T9S, R18E, S.L.B.&M.

620' FSL 1965' FWL



DATE: 9-16-94  
Drawn By: D.J.S.



APPROXIMATE YARDAGES

CUT			
(12") Topsoil Stripping	=	1,240 Cu. Yds.	
Remaining Location	=	6,710 Cu. Yds.	
<b>TOTAL CUT</b>	<b>=</b>	<b>7,950 CU.YDS.</b>	
<b>FILL</b>	<b>=</b>	<b>1,800 CU.YDS.</b>	
			<b>EXCESS MATERIAL AFTER 5% COMPACTION</b>
			= 6,060 Cu. Yds.
			Topsoil & Pit Backfill
			= 2,550 Cu. Yds.
			(1/2 Pit Vol.)
			<b>EXCESS CUT MATERIAL</b>
			= 3,510 Cu. Yds.

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

FIGURE #2

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/09/94

API NO. ASSIGNED: 43-047-32566

WELL NAME: UTD CHASEL 24-14  
OPERATOR: SNYDER OIL CORP (N1305)

PROPOSED LOCATION:  
SESW 24 - T09S - R18E  
SURFACE: 0620-FSL-1965-FWL  
BOTTOM: 0620-FSL-1965-FWL  
UINTAH COUNTY  
EIGHTMILE FLAT NORTH FIELD (590)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED  
LEASE NUMBER: UTU-67549

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal [Y State [] Fee []  
(Number WY-2272)  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
(Number 47-1674)  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_

R649-3-2. General.

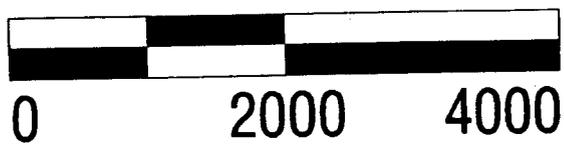
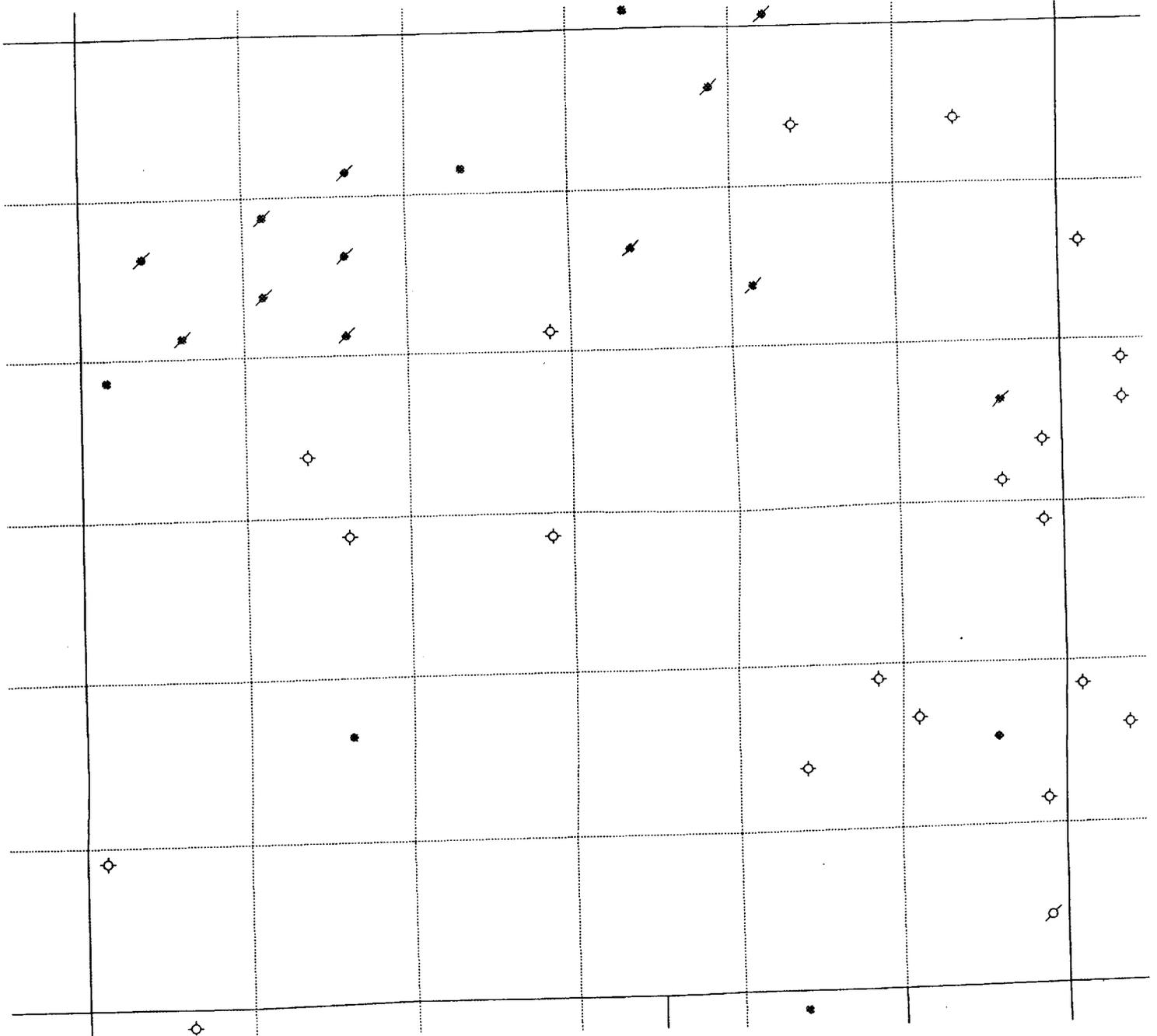
\_\_\_ R649-3-3. Exception.

\_\_\_ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STIPULATIONS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SNYDER OIL CORPORATION  
EIGHTMILEE FLAT NORTH  
CHASEL 24-15, CHASEL 24-14, KIDD 20-15, KIDD 20-16  
SEC. 20, 24, T8S, R18E, UINTAH COUNTY



**STATE OF UTAH**

<b>Operator: SNYDER OIL CORP.</b>	<b>Well Name: UTD CHASEL 24-14</b>
<b>Project ID: 43-047-32566</b>	<b>Location: SEC. 24 - T098 - R18E</b>

**Design Parameters:**

Mud weight ( 9.80 ppg) : 0.509 psi/ft  
 Shut in surface pressure : 2467 psi  
 Internal gradient (burst) : 0.061 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,500	5.500	15.50	M-50	LT&C	5,500	4.887		
	<b>Load (psi)</b>	<b>Collapse Strgth (psi)</b>	<b>S.F.</b>	<b>Burst Load (psi)</b>	<b>Min Int Strgth (psi)</b>	<b>Yield S.F.</b>	<b>Tension Load (kips)</b>	<b>Strgth (kips)</b>	<b>S.F.</b>
1	2800	3650	1.304	2800	4550	1.62	72.48	186	2.57 J

Prepared by : FRM, Salt Lake City, UT  
 Date : 12-14-1994  
 Remarks :

Minimum segment length for the 5,500 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 102°F (Surface 74°F , BHT 129°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.509 psi/ft and 2,800 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

**EQUIPMENT INVENTORY**  
**UTAH DIVISION OF OIL, GAS AND MINING**  
**STATE OF UTAH**

Operator: SNYDER OIL CORP. Lease: State:      Federal: X Indian:      Fee:     

Well Name: UTD CHASEL 24-14 API Number: 43-047-32566

Section: 24 Township: 9S Range: 18E County: UINTAH Field: 8 MILE FLAT

Well Status: POW Well Type: Oil: X Gas:     

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):      Compressor(s):      Separator(s):      Dehydrator(s):     

Shed(s):      Line Heater(s):      Heated Separator(s):      VRU:     

Heater Treater(s):     

**PUMPS:**

Triplex:      Chemical: 1 Centrifugal:     

**LIFT METHOD:**

Pumpjack: X Hydraulic:      Submersible:      Flowing:     

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: 0 Sales Meter: 0

**TANKS:**

	NUMBER	SIZE	
Oil Storage Tank(s):	<u>1</u>	<u>400</u>	BBLs
Water Tank(s):	<u>    </u>	<u>    </u>	BBLs
Power Water Tank:	<u>    </u>	<u>    </u>	BBLs
Condensate Tank(s):	<u>    </u>	<u>    </u>	BBLs
Propane Tank:	<u>1</u>		

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:      Section:      Township:      Range:     

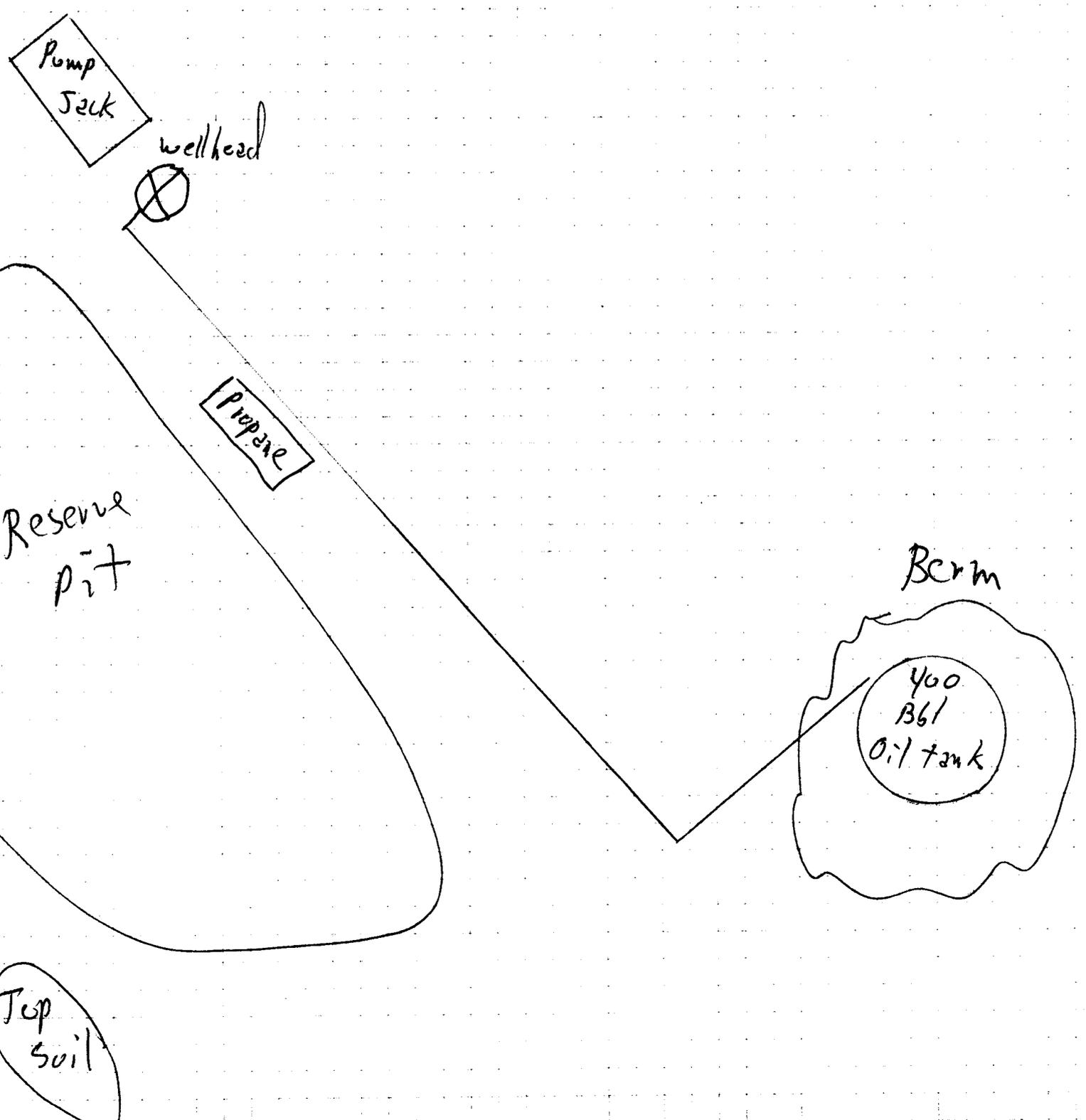
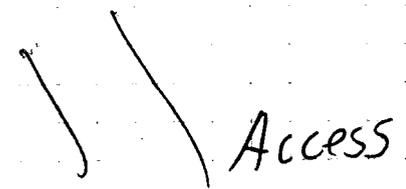
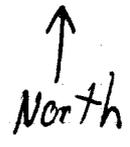
**REMARKS: CASINGHEAD GAS USED FOR FUEL GAS WITH PROPANE FOR A BACKUP. OIL TANK HAS A BURNER. RESERVE PIT OPEN WITH 900 BARRELS FLUID PRESENT.**

Inspector: DAVID HACKFORD Date: 7/17/ 95

Snyder

UTD Chasel 24

43-047-32566





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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

December 14, 1994

**Snyder Oil Corporation**  
1625 Broadway, Suite 2200  
Denver, Colorado 80202

Re: UTD Chasel #24-14 Well, 620' FSL, 1965' FWL, SE SW, Sec. 24, T. 9 S., R. 18 E., Uintah County, Utah

**Gentlemen:**

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.



Page 2  
Snyder Oil Corporation  
UTD Chasel #24-14 Well  
December 14, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32566.

Sincerely,



R.J. Firth  
Associate Director

ldc  
Enclosures  
cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WO11

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
NOV BUREAU OF LAND MANAGEMENT

RECEIVED  
SUBMIT TO LEASE  
reverse side)  
DEC 20 1994  
DIV OF OIL, GAS & MINING

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Snyder Oil Corporation Phone: (303) 592-8500

3. ADDRESS AND TELEPHONE NO.  
 1625 Broadway, Suite 2200, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 620' FSL, 1965' FWL (SE $\frac{1}{4}$ SW $\frac{1}{4}$ ) Section 24, T9S, R18E  
 At proposed prod. zone: Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 17 Miles Southeast of Myton, Utah

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-67549

6. IS INDIAN, ALLOTTEE OR TRIBE NAME  
 Not Applicable

7. UNIT AGREEMENT NAME  
 Not Applicable

8. FARM OR LEASE NAME, WELL NO.  
 UTD Chasel #24-14

9. API WELL NO.  
 93-097-32566

10. FIELD AND POOL, OR WILDCAT  
 Eightmile Flat North

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 24, T9S, R18E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 620'

16. NO. OF ACRES IN LEASE  
 280

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1351.87'±

19. PROPOSED DEPTH  
 5500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4897' GR

22. APPROX. DATE WORK WILL START\*  
 December 16, 1994

23. (ALL NEW) PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55	24.0#	0- 300'	225 sx Circulated to Surface *
7-7/8"	5-1/2" M-75	15.5#	0-5500'	617 sx Cement *

\* Cement volumes may change due to hole size. Calculate from Caliper Log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

I hereby certify that Snyder Oil Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the UTD Chasel #24-14, Federal Lease #UTU-67549. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Snyder Oil Corporation, Nationwide Bond #WY-2272, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

IN ABOVE SPACE 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.

24. SIGNED Tim A. Burns TITLE Drilling Engineer DATE 11/04/94  
 (This space for Federal or State office use)

PERMIT NO. NOTICE OF APPROVAL APPROVAL DATE TO OPERATIONS DEPT.  
 Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERAL DATE DEC 14 1994

\*See Instructions On Reverse Side

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**UTU-67549**

6. If Indian, Allottee or Tribe Name

Not Applicable

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**UTD Chasel 24-14**

9. API Well No.

10. Field and Pool, or Exploratory Area

**Eight Mile Flat North**

11. County or Parish, State

**Uintah, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**SNYDER OIL CORPORATION**

3. Address and Telephone No.

**1625 BROADWAY, SUITE 2200, DENVER, CO. 80202 (303) 592-8500**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**620' FSL & 1965' FEL SEC. 24, SE/4SW/4 T9S, R18E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER D

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other \_\_\_\_\_

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**PRODUCTION CASING SIZE CHANGE:**

Old Casing Design

APD: 5-1/2", 15.5#, J-55, LTC  
Internal Yield: 4,810 psi    Joint Strength: 202 kips  
Collapse: 4,040 psi    Body Strength: 248 kips

New Casing Design

CHANGE TO: 5-1/2", 15.5#, M-50, LTC  
Internal Yield: 4,550 psi    Joint Strength: 186 kips  
Collapse: 3,650 psi    Body Strength: 235 kips

New casing design incorporates original safety factors (maximum anticipated mud weight is +/- 9.0 ppg)  
Only new casing will be run.

DEC 05 1994

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

Signed Jim McKinney

Title Engineering Technician

Date 29-Nov-94

(This space for Federal or State office Use)

Approved by [Signature]  
Conditions of approval, if any:

Title ASSISTANT DISTRICT MANAGER MINERALS

Date DEC 14 1994

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

\*See Instruction on Reverse Side

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Snyder Oil Corporation

Well Name & Number: UTD CHASEL 24-14

API Number: 43-047-32566

Lease Number: UTU-67549

Location: SESW Sec. 24 T.09S R. 18E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction-          | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. **Casing Program and Auxiliary Equipment**

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 1912$  ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. **Mud Program and Circulating Medium**

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. **Coring, Logging and Testing Program**

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm 1712$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.) shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid until midnight September 30, 1995 at which time Lease U-67549 expires.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077  
Petroleum Engineer

Wayne Bankert (801) 789-4170  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

**EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
**Conditions of Approval (COAs)**

**Wellsite Layout**

The operator is required to use a plastic reinforced liner to line the reserve pit. The liner will be a minimum of 12 mil thickness with sufficient bedding to cover any rocks. All other statements referred to in 9.E of the Surface Use Plan are acceptable.

**Method for Handling Waste Materials**

To prevent puncturing of the reserve pit liner 10.C.3 of the Surface Use Plan changes: No cans, barrels, pipe, etc. will enter the reserve pit.

**Additional Surface Conditions of Approval**

All construction materials for surfacing of the access road or well pad will be materials native to the location. The operator will require approval from the authorized office of the BLM before using non-native materials for construction as stated in 2.G of the Surface Use Plan.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Due to the cultural material found at this location and based on the deposition of soils in the area of the well pad and access road, there is a strong likelihood that more extensive cultural materials may be at the location. The operator shall have a professional archaeologist monitor construction work during the development of the well pad and access road.

To reduce soil erosion due to the development of this well pad and access road the operator will construct a silt catchment basin to BLM - Vernal District design standards. Construct one silt catchment basin approximately 300 feet northeast of location in drainage where flagged.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Snyder

WELL NAME: UTD Chasel 24-14

API NO. 43-047-32566

Section 24 Township 9S Range 18E County United

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDED: Date 1/2/95

Time \_\_\_\_\_

How dry hole

Drilling will commence \_\_\_\_\_

Reported by Ned Dunn

Telephone # \_\_\_\_\_

Date 1/1/95

SIGNED [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

RECEIVED  
JUN 20 1995  
DIV. OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**SNYDER OIL CORPORATION**

3. Address and Telephone No.

**P. O. Box 695, Vernal, UT 84078 801/789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**620' FSL, 1965' FWL SESW Sec. 24, T9S, R18E**

5. Lease Designation and Serial No.

**U-67549**

6. Indian, Allottee or Tribe Name

7. Unit or CA, Agreement Designation

8. Well Name and No.

**Chasel #24-14**

9. API Well No.

**43-047-32566**

10. Field and Pool, or Exploratory Area

**Eight Mile Flat**

11. County or Parish, State

**Uintah, Utah**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Put on Production</u>	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation reports placing the above referenced well on production @ 1:30 p.m. on 06-09-95.

Initial Production: 20 bbls oil; 100 bbls wtr; 0 gas. (Pumping back frac)

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

Signed

*Jeffrey Smith*  
Jeffrey Smith

Title Area Foreman

Date 19-Jun-95

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR SNYDER OIL CORPORATION  
 ADDRESS P.O. Box 695  
Vernal, UT 84078

OPERATOR ACCT. NO. H 1305

1 801 789 0736  
 ADD-01-95 11:34A SNYDER OIL CORP-VERNAL  
 DIV OIL GAS & MINING TEL: 801-559-5940  
 1-801-789-0736  
 JUL 14, 95 9:53 AM UUT P.02

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11798	4304732566	UTD Chasol #24-14	SESW	24	9S	18E	Uintah	5-14-95	5-14-95
WELL 1 COMMENTS: New Well											
A	99999	11799	4304732667	Ute Tribal 26-3-G	SENE	26	4S	1E	Uintah	7-5-95	7-5-95
WELL 2 COMMENTS: New Well											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)**
- 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)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

(3/89)

*Lucy Nemer*  
 Signature  
 Title \_\_\_\_\_ Date 8/1/95  
 Phone No. (801) 789-0323



TO: Lisha Cordova DATE: 8-1-95

FIRM/COMPANY: Oil Gas + Mining

TELEPHONE NO.: \_\_\_\_\_ FACSIMILE NO.: 801-359-3940

NUMBER OF PAGES (INCLUDING COVER SHEET): 2

FROM: Lucy - Snyder

TELEPHONE NO.:

FACSIMILE NO.:

ORIGINAL WILL BE SENT BY: MAIL \_\_\_\_\_ EXPRESS MAIL \_\_\_\_\_

FEDERAL EXPRESS \_\_\_\_\_ OTHER \_\_\_\_\_ NOT SENDING \_\_\_\_\_

The documents accompanying this telecopy contain CONFIDENTIAL and legally privileged information belonging to the sender and intended only for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this telecopied information is strictly prohibited. If you have received this telecopy in error, please telephone the sender noted above immediately to arrange for the return of the telecopied documents at no cost. If problems occur with the transmission, please call \_\_\_\_\_ at \_\_\_\_\_ If you do not receive the number of pages specified, please contact a SOCO representative as soon as possible.

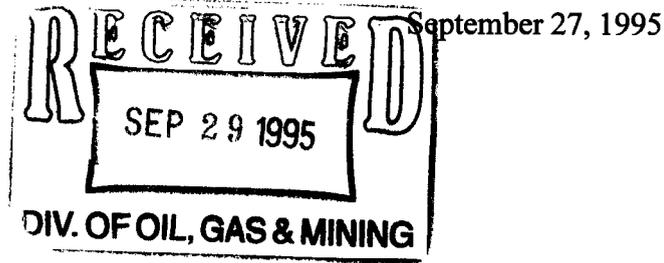
**SPECIAL INSTRUCTIONS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323



Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, Utah 84180-1203

RE: **UTD Chasel #24-14**  
SE/SW Section 24, T9S, R18E  
Uintah County, UT

Gentlemen:

Enclosed are copies of the "Well Completion Report", Form 3160-4 for the above referenced well.  
If you have any questions, please contact me at 801-789-0323.

Sincerely,

Lucy Nemec  
Senior Clerk

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*  
(See other instructions  
on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

RECEIVED

SEP 29 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
1a. TYPE OF WORK OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____					4. LEASE DESIGNATION AND SERIAL NO. UT 11675-9					
1b. TYPE OF WELL NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____					5. INDIAN, ALLOTTEE OR TRIBE NAME NA					
2. NAME OF OPERATOR SNYDER OIL CORPORATION					7. UNIT AGREEMENT NAME					
3. ADDRESS OF OPERATOR 1625 BROADWAY, SUITE 2200 DENVER, CO 80202					8. FARM OR LEASE NAME					
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) At Surface 620' FSL & 1965' FWL At top prod. Interval reported below SAME					9. WELL NO. 24-14					
At total depth					10. FIELD AND POOL OR WILDCAT EIGHTMILE FLAT SOUTH					
14. PERMIT NO. 43-047-32566					DATE ISSUED 12/14/95			12. COUNTY OR PARISH UINTAH		13. STATE UT
15. DATE SPUD 5/14/95		16. DATE T.D. REACHED 5/19/95		17. DATE COMPL. (Ready to prod.) 6/9/95		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4897' GL 4911' KB			19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TV 5092'		21. PLUG BACK T.D., MD & TV 5026'		22. IF MULTIPLE COMPL., HOW MANY* 1		23. INTERVALS DRILLED BY ROTARY		ROTARY TOOLS ROTARY		CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*  GREEN RIVER - 4196' TO 4430'										
25. WAS DIRECTIONAL SURVEY MADE NO										
26. TYPE ELECTRIC AND OTHER LOGS RUN DLI/GR, CNL/LDL-GR, CBL/VDL/GR 12-4-95										
27. WAS WELL CORED NO										
CASING RECORD (Report all strings set in well)										
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD			AMOUNT PULLED			
8 5/8"	24#	315'	12 1/4"	215 SKS CLASS G TO SURFACE						
5 1/2"	15.5#	5070'	7 7/8"	240 SKS CLASS G LEAD & 270 SKS 50/50 POZ						
LINER RECORD					TUBING RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)			
					2 7/8"	4480'				
31. PERFORATION RECORD (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
4196' TO 4204' 2SPF					DEPTH INTERVAL (MD)					
4312' TO 4318' 2SPF					4196' TO 4430'					
4420' TO 4430' 2SPF					AMOUNT AND KIND OF MATERIAL USED					
4106' TO 4116' 2SPF					BREAKDOWN W/ 34 BBLS 2% KCL					
					FRAC W/ 43,000 GAL GEL FLUID AND 150,500# 20/40 SAND					
					4106' TO 4116'					
					SQUEEZED W/ 25 SACKS OF CLASS G CEMENT					
PRODUCTION										
33.* DATE FIRST PRODUCTION 6/9/95		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) PUMPING 1 1/2' RHAC					WELL STATUS (Producing or shut-in) PROD.			
DATE OF TEST 6/9/95		HOURS TESTED 24		CHOKE SIZE		PROD FOR TEST PERIOD 20		OIL--BBL. NA		GAS--MCF. 100
FLOW. TUBING PRESS. NA		CASING PRESSURE NA		CALCULATED 24-HOUR RATE 20		OIL-BBL. NA		GAS--MCF. 100		WATER--BBL. est. 33 API
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) USED ON LEASE										
35. LIST OF ATTACHMENTS TEST WITNESSED BY JEFF SMITH										
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										
SIGNED George Rooney <i>GR</i>					TITLE Petroleum Engineer			DATE 09/27/95		
*(See instructions and spaces for Additional Data on Reverse Side)										
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.										

**PRODUCTION - INTERVAL**

DATE FIRST PRODUCED	TEST DAY	HOURS TESTED	TEST PRODUCTO	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLO PRES	CABING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	

**PRODUCTION - INTERVAL D**

DATE FIRST PRODUCED	TEST DAY	HOURS TESTED	TEST PRODUCTO	OIL BBL	GAS MCF	WATER BBL	OIL GRAVITY CORR. API	GAS DISPOSITION	PRODUCTION METHOD
CHOKE SIZE	FLO PRES	CABING PRESSURE	24 HR. RATE	OIL BBL	GAS MCF	WATER BBL	GAS:OIL RATIO	ZONE STATUS: (PRODUCING, SHUT-IN, PLUGGED, ETC.)	

30. PLEASE ATTACH AN 8.5" X 11" BASIC SKETCH SHOWING ALL SURFACE EQUIPMENT ASSOCIATED WITH PRODUCTION, FLUID SEPARATION, FLUID STORAGE, AND GAS MEASUREMENT FOR THE WELL. SHOW APPROXIMATE DISTANCES OF EQUIPMENT FROM WELLBORE. INCLUDE WATER DISPOSAL PITS IF APPLICABLE. OUTLINE UNDERGROUND FLOWLINES AND LIST ANY OTHER WELLS SHARING THE SURFACE EQUIPMENT.

31. SUMMARY OF POROUS ZONES (INCLUDE AQUIFERS):  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF, CORRED INTERVALS AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TEST, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES AND RECOVERIES.

32. FORMATION (LOG) MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTIONS, CONTENTS, ETC.	NAME	TOP	
					MEAS	DEPTH
UINTAH	SURFACE	1042	SAND AND SHALE	UINTAH	SURFACE	1042
GREEN RIVER	4142	4145	SAND AND SHALE	GREEN RIVER	4142	4145
DOUGLAS CREEK	4145	4896	SAND AND SHALE	DOUGLAS CREEK	4145	4896
CASTKE PEAK	4896	TD	LIMESTONE AND SHALE	CASTKE PEAK	4896	

33. ADDITIONAL REMARKS (INCLUDE PLUGGING PROCEDURE & ATTACH CEMENT VERIFICATION):

34. CIRCLE ENCLOSED ATTACHMENTS:

- 1. MECHANICAL LOGS (1 full set)
- 2. GEOLOGIC REPORT
- 3. WELLBORE SKETCH (See #27)
- 4. DST REPORT
- 5. DIRECTIONAL SURVEY
- 6. SUNDREY NOTICE FOR PLUGGING & CEMENT VERIFICATION
- 7. CORE ANALYSIS
- 8. OTHER: Form 10 and Mud log

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

SIGNED: George Rooney TITLE: PETROLEUM ENGINEER DATE: 9/27/95

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.  
**UT-67549**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**UTD Chasel #24-14**

9. API Well No.  
**43-047-32566**

10. Field and Pool, or Exploratory Area  
**Eight Mile Flat**

11. County or Parish, State  
**Uintah, Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**SNYDER OIL CORPORATION**

3. Address and Telephone No.  
**P. O. Box 695, Vernal, UT 84078 801/789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**620' FSL, 1965' FWL SESW Sec. 24, T9S, R18E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

(Note: Report results of multiple completion or Recompletion Report and Log f

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation requests approval to dispose of produced water from the above referenced well.  
Snyder intends to haul any produced water from the location to an approved disposal facility.

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

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

Signed Lucy Nemeec Title Senior Clerk Date 08-Dec-95  
Lucy Nemeec

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

November 30, 1995

1625 Broadway  
Suite 2200  
Denver, CO 80202  
303/592-8500  
Fax 303/592-8600

Ms. Vicky Dyson  
Production Group Supervisor  
STATE OF UTAH  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple, Suite 350  
Salt Lake City, Utah 84180-1203



Dear Ms. Dyson:

Accompanying this letter are copies of Snyder Oil Corporation's ("SOCO") logs you requested for the following wells:

1. UTD Chasel 24-14 API No. 43-047-32566 *95 18E 24*  
DLL-MSFL-GR, CNL-LDT-GR, CBL-GR-CCL
2. Ute Tribal 21-2-H API No. 43-047-32570  
CBL-GR-CCL
3. Ute Tribal 26-5-J API No. 43-047-32574  
CBL-GR
4. UTD State 36-K API No. 43-047-32580  
DLL-GR, FDC-CNL-GR, CBL-GR-CCL
5. UTD State 36-M API No. 43-047-32581  
CBL-GR-CCL

Please excuse SOCO for the delay in providing their logs. Contact me if you have any questions. Thank you for your patience.

Very truly yours,

A handwritten signature in black ink, appearing to read "D. W. Shewmake". The signature is written in a cursive, flowing style.

D. W. Shewmake  
Senior Geologist

DWS/lk

Encs.



Snyder Oil Corporation

P.O. Box 695  
Vernal, Utah 84078  
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining  
3 Triad Center, Suite #350  
355 W. North Temple  
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

Gentlemen:

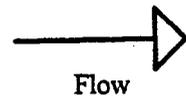
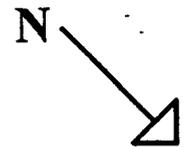
Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemecek".

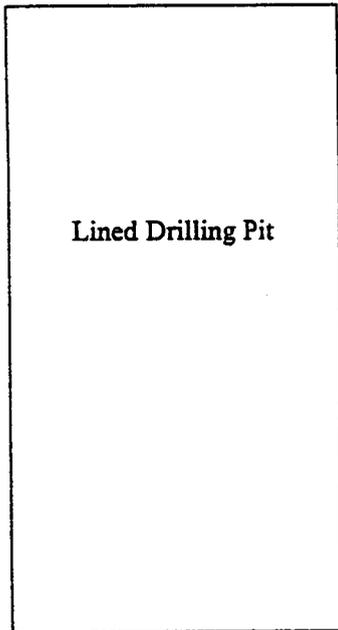
Lucy Nemecek  
Senior Clerk

Wellhead  
UTD Chasel 24-14



PROPANE

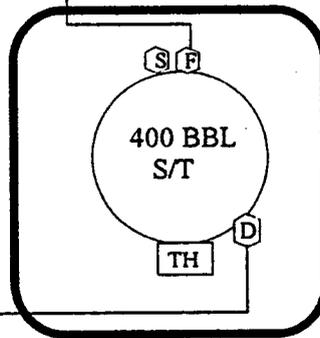
50'



Lined Drilling Pit

120'

35'



2.5' High Berm

50'

43-047-32566

SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION  
P.O. BOX 695  
VERNAL, UT 84078

Snyder Oil Corporation

UTD CHASEL 24-14  
SE SW SEC 24 T9S R18E  
UINTAH COUNTY, UT  
Lease # UTU-67549

Prepared By: TM 01/15/96

BUYS & ASSOCIATES, INC.  
Environmental Consultants

**SNYDER OIL CORPORATION**

**VALVING DETAIL**

(Site Security Diagram Attachment)

**Position of Valves and Use of Seals for Tanks in Production Phase**

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

**Position of Valves and Use of Seals for the Tank in Sales Phase**

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

\*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**SNYDER OIL CORPORATION**

3. Address and Telephone No.

**P. O. Box 695, Vernal, UT 84078    801/789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**620' FSL, 1965' FWL SESW Sec. 24, T9S, R18E**

5. Lease Designation and Serial No.  
**UT-67549**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**UTD Chasel #24-14**

9. API Well No.  
**43-047-32566**

10. Field and Pool, or Exploratory Area  
**Eight Mile Flat**

11. County or Parish, State

**Uintah, Utah**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Dispose Water

(Note: Report results of multiple completion or Completion or Recompletion Report and Log f

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation requests approval to construct a water disposal pit 10'x10'x4' on location in order to dispose of produced water. The Chasel 24-14 produces 5 bbls or less of water per day and is a marginal oil producing well. Snyder hopes to cut LOE costs by disposing of produced water on location.

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

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

Signed

*Lucy Nemeec*  
Lucy Nemeec

Title **Senior Clerk**

Date **15-Mar-96**

(This space for Federal or State office use)

Approved by

*Federal Approval of this  
Action is Necessary*

Title

Date

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**SNYDER OIL CORPORATION**

3. Address and Telephone No.  
**P. O. BOX 695, VERNAL, UTAH 84078      801-789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Listed Below**

9. API Well No.  
**43-047-32566**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Backfill water evaporation pits.</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log f

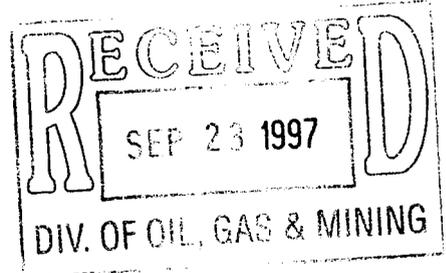
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation requests approval to close the water evaporation pits on the locations listed below in the following manner:

1. Remove all liquids from the pit.
2. Contact the BLM office for an inspection of the pit and approval to backfill.
3. Backfill the pit.

**LOCATIONS:**

Madeline 4-3-C	430473227900	L3	S4-T7S-R21E	UTU42469
East Gusher 2-1-A	430473143100	SE SE	S3-T6S-R20E	UTU67178
East Gusher #3	430471559000	NW NE	S10-T6S-R20E	UTSL065841A
UTD Chasel 24-14	430473256600	SE SW-	S24-T9S-R18E	UTU67549



**Accepted by the State of Utah Division of Oil, Gas and Mining**  
 Date: 9/29/97  
 By: [Signature]

Accepted by \_\_\_\_\_ State  
 OF \_\_\_\_\_  
 Date \_\_\_\_\_  
 By: \_\_\_\_\_

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

Signed [Signature] Title **Senior Clerk** Date **18-Sep-97**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any: Federal Approval of this Action is Necessary

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**SNYDER OIL CORPORATION**

3. Address and Telephone No.  
**P. O. BOX 695, VERNAL, UTAH 84078      801-789-0323**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Listed Below**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Backfill water evaporation pits.</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log f

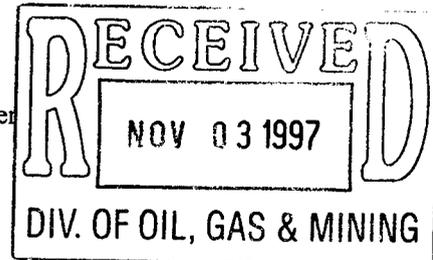
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Snyder Oil Corporation reports the following evaporation pits were closed as follows:

1. Remove all liquids from the pit.
2. Contact the BLM office for an inspection of the pit and approval to backfill.
3. Backfill the pit.

Snyder Oil also requests approval under Onshore Order #7 to permanently dispose of produced water from the referenced wells, by tanking and then trucking it to Murray Disposal pit located in Section 12, T5S, R19E in LaPoint.

The amount of water produced from the above referenced wells will be reported on the Monthly Report of Operations form MMS-3160.



**LOCATIONS:**

East Gusher 15-1-A	430473190000	NE NE	S15-T6S-R20E	UTU58097
East Gusher 2-1-A	430473143100	SE SE	S3-T6S-R20E	UTU67178
East Gusher #3	430471559000	NW NE	S10-T6S-R20E	UTSL065841A
Madeline 4-3-C	430473227900	L3	S4-T7S-R21E	UTU42469
UTD Chasel 24-14	430473256600	SE SW	S24-T9S-R18E	UTU67549
Annabelle 31-2-J	430473169800	NW SE	S31-T6S-R21E	FEE

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

Signed *Lucy Nerman* Title **Senior Clerk** Date **24-Oct-97**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

**SOCO**  
Snyder Oil Corporation  
Southern Region

1200 Smith, Suite 3300  
Houston, Texas 77002  
713-646-6600

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

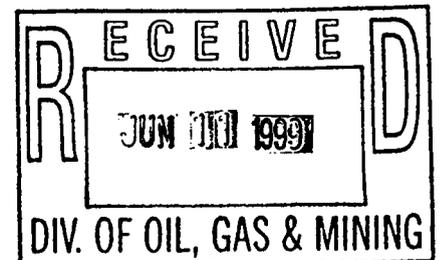
Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode

Enclosure



**Santa Fe Energy Resources, Inc.**

June 7, 1999

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

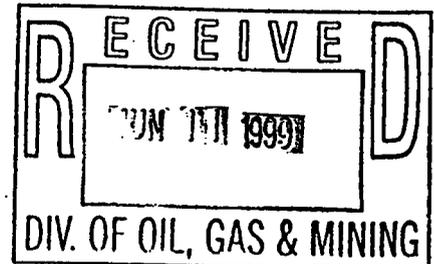
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



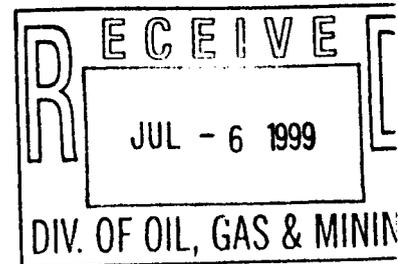
Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



In Reply Refer To:  
3106  
U-19037 et al  
(UT-932)

JUL 1 1999

### NOTICE

Santa Fe Snyder Corporation : Oil and Gas  
840 Gessner, Suite 1400 :  
Houston, TX 77024 :

#### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Snyder Oil Corporation into Santa Fe Energy Resources, Inc. and the name being subsequently changed to Santa Fe Snyder Corporation as the surviving entity.

For our purposes the merger and name change are recognized effective June 1, 1999, per company request.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Santa Fe Snyder Corporation. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Snyder and Santa Fe are automatically changed to Santa Fe Snyder Corporation. Riders to Nationwide Bond No. 400JF 5493 (BLM Bond No. UT0855) and Nationwide Bond No. 5473615 (BLM Bond No. WY2912) have been filed in the Utah State Office. It is the request of Santa Fe Snyder Corporation to change the name on BLM Bond No. UT0855 to reflect the merger/name change, and to terminate the period of liability on BLM Bond No. WY2912. A decision regarding this matter will follow in due course.

**Christopher J. Merritt**

Christopher J. Merritt  
Acting Group Leader,  
Minerals Adjudication Group

#### Enclosures

1. Santa Fe Energy Resources, Inc. Exhibit of Leases
2. Snyder Oil Corporation Exhibit of Leases

cc: All State Offices  
Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
St. Paul Fire & Marine Insurance Co., 385 Washington St., St. Paul, MN 55102  
SAFECO Insurance Company of America, SAFECO Plaza, Seattle, WA 98185  
Santa Fe Snyder Corp., Attn: Phyllis Sobotik, 1625 Broadway, #2200, Denver, CO 80202  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)

SANTA FE LEASES

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
BLM NMNM-92488	NM	BLM WYW-59145	WY
BLM NMNM-45235	NM	BLM WYW-43661	WY
BLM NMNM-24877	NM	BLM WYW-0311938	WY
BLM NMNM-93398	NM	BLM WYW-52562	WY
BLM NMNM-96591	NM	BLM WYW EV-022932	WY
BLM NMNM-77894	NM	BLM WYW-27645	WY
BLM NMNM-65900	NM	BLM WYW-043930-A	WY
BLM NMNM-87977	NM	BLM WYW EV-026056	WY
BLM NMNM-65864	NM	BLM WYW-0322610	WY
BLM NMNM-95879	NM	BLM WYW-0320213	WY
BLM NMNM-97394	NM	BLM EV-023313-A	WY
BLM NMNM-98005	NM	BLM WYW-9578	WY
BLM NMNM-98006	NM	BLM WYW-96918	WY
BLM NMNM-98010	NM	BLM WYW-0320078	WY
BLM NMNM-95418	NM	BLM WYW-035599	WY
BLM NMNM-25667	NM	BLM WYW-2120	WY
BLM NMNM-98300	NM	BLM WYEV-024469	WY
BLM NMNM-98033	NM	BLM WYW-0136175	WY
BLM NMNM-998271	NM	BLM WYW-0136177	WY
BLM NMNM-98305	NM	BLM WYW-05991	WY
BLM NMNM-91179	NM	BLM WYW-02736	WY
BLM NMNM-85420	NM	BLM WYW EV-025548	WY
BLM NMNM-100956	NM	BLM EV-023313-E	WY
BLM NMNM-58393	NM	BLM EV-023313-B	WY
BLM OKNM 23555	OK	BLM WYW-21124	WY
BLM NM 15074 (OKLA)	OK	BLM WYW EV-022931	WY
BLM UTU-19037	UT	BLM WYW-61240	WY
BLM UTU-55626	UT	BLM WYW-18480	WY
BLM UTU-38354	UT	BLM WYW-51654	WY
BLM UTU-38401	UT	BLM WYW-50676	WY
BLM UTU-38430	UT	BLM COC-036289 A&B	WY
BLM UTU-42823	UT	BLM WYW-0942	WY
BLM WYEV-026201	WY	BLM WYW-63210	WY
BLM WYW-35860	WY	BLM WYW-66866	WY
BLM WYW-47198	WY	BLM WYW-102793	WY
BLM WYEV-022765	WY	BLM WYW-107726	WY
BLM WYEV-023941	WY	BLM W-70335	WY
BLM WYEV-026196	WY	BLM W-70496	WY
BLM WYEV-026201	WY	BLM W-70326	WY
BLM WYEV-026202	WY	BLM W-55746	WY
BLM WYEV-026204	WY	BLM W-56480	WY
BLM WYEV-026205	WY		
BLM WYEV-026208	WY		
BLM WYEV-026209	WY		
BLM WYW-04674	WY		
BLM WYW-023207	WY		
BLM WYW-023211	WY		
BLM WYW-0268735	WY		
BLM WYCHEY-037066	WY		
BLM WYW-58075	WY		
BLM WYW-17284	WY		
BLM WYW-17296	WY		
BLM WYW-17282(A)	WY		
BLM WYW-55067	WY		

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA COC-33237	CO	USA U-0136484	UT
USA COC-36719	CO	USA U-37573	UT
USA LAES 49122	LA	USA U-33433	UT
USA LAES 49123	LA	USA U-47172	UT
USA LAES 49124	LA	USA U-37355	UT
USA LAES 49125	LA	USA UTU-15855	UT
USA LAES 49127	LA	USA U-0142175	UT
USA LAES 49128	LA	USA UTU-02651	UT
USA LAES 49129	LA	USA UTU-02651-B	UT
USA LAES 49130	LA	USA U-34705	UT
USA LAES 49131	LA	USA U-40729	UT
USA LAES 49132	LA	USA U-58097	UT
USA LAES 49133	LA	USA U-30289	UT
USA LAES 49134	LA	USA UTU-72632	UT
USA LAES 49135	LA	USA UTU-73013	UT
USA LAES 49136	LA	USA UTU-64376	UT
USA LAES 49137	LA	USA UTU-38261	UT
USA LAES 49138	LA	USA UTU-28212	UT
USA LAES 49139	LA	USA UTU-28213	UT
USA LAES 49140	LA	USA UTU-38419	UT
USA LAES 49141	LA	USA U-53861	UT
USA LAES 49142	LA	USA UTU-38418	UT
USA LAES 49143	LA	USA UTU-66401	UT
USA LAES 49144	LA	USA U-38423	UT
USA LAES 49145	LA	USA UTU-38425	UT
USA LAES 49146	LA	USA U-38421	UT
USA LAES 49147	LA	USA UTU-38428	UT
USA LAES 49148	LA	USA U-38420	UT
USA LAES 49149	LA	USA UTU-34350	UT
USA LAES 49150	LA	USA UTU-39223	UT
USA LAES 49151	LA	USA U-64923	UT
USA LAES 49152	LA	USA UTU-40736	UT
USA LAES 49153	LA	USA U-075939	UT
USA LAES 49154	LA	USA U-70235	UT
USA LAES 49155	LA	USA UTU-44426	UT
USA LAES 49156	LA	USA UTU-57495	UT
USA LAES 49157	LA	USA UTU-57503	UT
USA LAES 49158	LA	USA UTU-52106	UT
USA LAES 49159	LA	USA UTU-59121	UT
USA LAES 49160	LA	USA UTU-73009	UT
USA LAES 49161	LA	USA UTU-73010	UT
USA LAES 49162	LA	USA UTU-50490	UT
USA LAES 49163	LA	USA UTU-65126	UT
USA LAES 49164	LA	USA UTU-49228	UT
USA LAES 49165	LA	USA UTU-53127	UT
USA LAES 49166	LA	USA UTU-65132	UT
USA LAES 49167	LA	USA UTU-63951	UT
USA LAES 49168	LA	USA UTU-47483	UT
USA LAES 49169	LA	USA UTU-63978	UT
USA LAES 49170	LA	USA UTU-69116	UT
USA LAES 49171	LA	USA UTU-65138	UT

**SNYDER LEASES**

<u>LESSOR</u>	<u>STATE</u>	<u>LESSOR</u>	<u>STATE</u>
USA LAES 49172	LA	USA UTU-54774	UT
USA LAES 49173	LA	USA UTU-71230	UT
USA LAES 49174	LA	USA UTU-71234	UT
USA LAES 49175	LA	USA UTU-44799	UT
USA LAES 49176	LA	USA UTU-57512	UT
USA LAES 49177	LA	USA UTU-53084	UT
USA LAES 49178	LA	USA UTU-53938	UT
USA LAES 49179	LA	USA UTU-61936	UT
USA LAES 49180	LA	USA UTU-47127	UT
USA LAES 49181	LA	USA UTU-53918	UT
USA LAES 49183	LA	USA UTU-47484	UT
USA LAES 49194	LA	USA UTU-53946	UT
USA LAES 49198	LA	USA UTU-53941	UT
USA LAES 49199	LA	USA UTU-42531	UT
USA LAES 49200	LA	USA U-49245	UT
USA LAES 49201	LA	USA U-50802	UT
USA MTM-38582-A	MT	USA UTU-0647	UT
USA MTM-63708	MT	USA UTU-50687	UT
USA M-13323 (ND)	ND	USA UTU-37116	UT
USA M-68863 (SD)	SD	USA UTU-59122	UT
USA UTU-70189	UT	USA UTU-63985	UT
USA UTU-73175	UT	USA UTU-52298	UT
USA UTU-73434	UT	USA UTU-7386	UT
USA UTU-73435	UT	USA UTU-67178	UT
USA UTU-73444	UT	USA UTU-67549	UT
USA UTU-73450	UT	USA UTU-74416	UT
USA U-8345	UT	USA UTU-74413	UT
USA U-14646	UT	USA UTU-73900	UT
USA U-66746	UT	USA UTU-67868	UT
USA UTU-42469	UT	USA UTU-74414	UT
USA U-65222	UT	USA UTU-49530	UT
USA U-61263	UT	USA UTU-53860	UT
USA UTU-29535	UT	USA UTU-34711	UT
USA U-25880	UT	USA UTU-46699	UT
USA U-65223	UT	USA UTU-73643	UT
USA U-29797	UT	USA UTU-0141804	UT
USA UTU-0109054	UT	USA UTU-75091	UT
USA UTU-8346	UT	USA UTU-75097	UT
USA U-8347	UT	USA UTU-74972	UT
USA UTU-8344	UT	USA UTU-75096	UT
USA U-8344-A	UT	USA UTU-74415	UT
USA UTU-8348	UT	USA UTU-38401	UT
USA U-38424	UT	USA UTU-38411	UT
USA U-38427	UT	USA UTU-31260	UT
USA SL-065841-A	UT	USA UTU-59654	UT
USA UTU-31736	UT	USA U-14219	UT
USA U-38426	UT	USA UTU-30123	UT
USA U-44090-A	UT	USA UTU-34714	UT
USA U-71694	UT	USA UTU-10134	UT
USA U-72028	UT	USA UTU-10830	UT
USA U-51026	UT	USA UTU-14223	UT

**Santa Fe Snyder Corporation**

July 2, 1999

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger  
Surety Bond Number - JZ 7777  
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

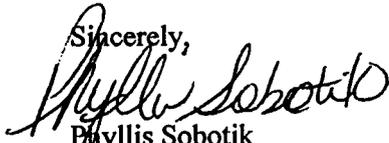
Copy of Merger Certificate  
Copy of the Office of the Secretary of State's Acceptance  
Sundry Notices for Properties Located on Fee or State Land  
Sundry Notice for Federal Properties  
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200  
Denver, CO 80202

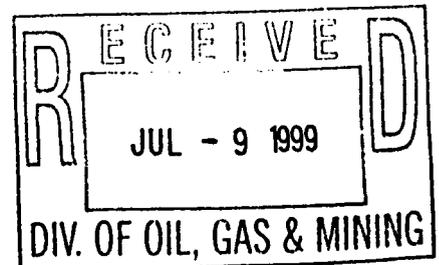
Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

Sincerely,

  
Phyllis Sobotik  
Sr. Regulatory Specialist

/ps  
Enclosures:

1625 Broadway  
Suite 2200  
Denver, Colorado 80202  
303/592-8500  
Fax 303/592-8600



Office of the Secretary of State

---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,  
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



*Edward J. Freel*

Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

## **CERTIFICATE OF MERGER**

**Merger of Snyder Oil Corporation, a Delaware corporation  
With and Into  
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

**Surviving Corporation.**

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks  
Name: David L. Hicks  
Title: Vice President — Law and  
General Counsel



UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ State #16-1-O			Monument Butte (Castle Peak)	INA	Duchesne	SW/SE	16	9S	16E	ML 16532	STATE	43-013-31022	10200
✓ State #16-2-N			Monument Butte (Castle Peak)	ACT	Duchesne	SE/SW	16	9S	16E	ML 16532	STATE	43-013-31094	10199
✓ Stirrup #32-1J			Horseshoe Bend	ACT	Uintah	NW/SE	32	6S	21E	ML 40226	STATE	43-047-31646	9614
Stirrup Federal #29-2			Horseshoe Bend	INA	Uintah	NW/SE	29	6S	21E	U 46699	FED	43-047-31508	11055
Stirrup Federal #29-3	Horseshoe Bend		Horseshoe Bend	INA	Uintah	SE/SE	29	6S	21E	U 46699	FED	43-047-31634	12323
✓ Stirrup State 32-1	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NE	32	6S	21E	ML 22036	STATE	43-047-31557	12323
✓ Stirrup State #32-2	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	SE/NE	32	6S	21E	ML 22036	STATE	43-047-31626	12323
✓ Stirrup State #32-6	Horseshoe Bend		Horseshoe Bend	WIW	Uintah	NE/NE	32	6S	21E	ML 22036	STATE	43-047-32784	Injector 12323
UTD Chasel #24-14			Eight Mile Flat North (Monument Butte)	INA	Uintah	SE/SW	24	9S	18E	U 67549	FED	43-047-32566	11798
UTD Kidd #20-16			Eight Mile Flat North (Monument Butte)	ACT	Uintah	SE/SE	20	9S	18E	U 67178	FED	43-047-32568	11727
Ute Tribal #13-1		Ute	Leland Bench	ACT	Uintah	NE/NE	13	4S	1E	14-20-H62-4376	FED	43-047-31846	10931
Ute Tribal #15-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/SW	15	4S	1E	14-20-H62-4527	FED IND	43-047-31936	11218
Ute Tribal #16-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/SE	16	4S	11	14-20-H62-4526	FED IND	43-047-31933	11219
Ute Tribal #21-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-31821	10818
Ute Tribal #21-W-1 (Wtr Supply)		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND		On same pad w/21-1
Ute Tribal #21-2H		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/NE	22	4S	1E	14-20-H62-4418	FED IND	43-047-32570	11725
Ute Tribal #21-3B		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32571	11770
Ute Tribal #21-4G		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32664	11766
Ute Tribal #21-5C		Ute	Windy Ridge West (Leland Bench)	TAD	Uintah	NE/NW	21	4S	1E	14-20-H62-4418	FED IND	43-047-32690	11860
Ute Tribal #22-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-31934	11220
Ute Tribal #22-2		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-32097	11343
Ute Tribal #22-4I		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/SE	22	4S	1E	14-20-H62-4528	FED IND	43-047-32572	11748
Ute Tribal #23-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/SE	23	4S	1E	14-20-H62-4529	FED IND	43-047-31935	12010
Ute Tribal #25-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/NW	25	4S	1E	14-20-H62-4417	FED IND	43-047-31848	12010
Ute Tribal #25-F	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NW	25	4S	1E	14-20-H62-4823	FED IND	43-047-32809	12010
Ute Tribal #26-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-31822	Injector 12010
Ute Tribal #26-1C	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NE/NE	26	4S	1E	U 35A	FED	43-047-31738	12010
Ute Tribal #26-3G	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-32667	12010
Ute Tribal #26-5J	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NW/SE	26	4S	1E	U 35A	FED	43-047-32574	12010
Ute Tribal #27-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NW	27	4S	1E	14-20-H62-4530	FED IND	43-047-31942	11221
Walker Hollow Unit #6	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SE/SE	8	7S	23E	U 02651	FED	43-047-31034	2760
Walker Hollow Unit #J-8	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SE	8	7S	23E	U 02651	FED	43-047-31092	2760
W. Walker Fed. #1C-33			Horseshoe Bend	ACT	Uintah	NW/SW	33	6S	22E	U 38411	FED	43-047-30815	2715
✓ W. Walker St. #1C-32			Horseshoe Bend	ACT	Uintah	NE/SW	32	6S	22E	ML 33526	STATE	43-047-30877	2720
✓ West Walker St. #2-32			Horseshoe Bend	INA	Uintah	NW/NE	32	6S	22E	ML 33526	STATE	43-047-30878	2721
White River #1-14			Natural Buttes	INA	Uintah	NE/NW	14	10S	23E	U 38427	FED	43-047-30481	1500
Willow Creek Unit #1			Pack Mountain (Willow Creek)	INA	Uintah	SE/NE	27	11S	20E	U 34705	FED	43-047-31775	10804
Willow Creek Unit #2			Brown Canyon (Willow Creek)	INA	Uintah	SE/SW	5	11S	20E	U 39223	FED	43-047-31818	11604
Wolf Government Federal # 1			Horseshoe Bend	ACT	Uintah	NE/NE	5	7S	22E	U 075939	FED	43-047-15609	2755

# OPERATOR CHANGE WORKSHEET

Routing:	
1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJ TP
3-JRB ✓	8-FILE
4-CDW ✓	9- <i>[Signature]</i>
5-KDR ✓	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator)	<u>SANTE FE SNYDER CORPORATION</u>	FROM: (old operator)	<u>SNYDER OIL CORPORATION</u>
(address)	<u>P.O. BOX 129</u>	(address)	<u>P.O. BOX 129</u>
	<u>BAGGS, WYOMING 82321</u>		<u>BAGGS, WYOMING 82321</u>
	<u>Phone: (307) 383-2800</u>		<u>Phone: (307) 383-2800</u>
	<u>Account no. N2000 (6-24-99)</u>		<u>Account no. N1305</u>

WELL(S) attach additional page if needed:      \*HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS

Name: <u>*SEE ATTACHED*</u>	API: <u>43-097-32566</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 6.11.99)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 6.11.99)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes) (no) \_\_\_\_ If yes, show company file number: #011879.
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above. *(new system)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- DR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- DR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- DR 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. (Rec'd 6.11.99 #J27777)
- DR 2. A copy of this form has been placed in the new and former operator's bond files.
- DR 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date 6.11.99. If yes, division response was made to this request by letter dated Aug. 12, 1999

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- DR 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- JFA 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- CS 1. All attachments to this form have been microfilmed. Today's date: 9-29-99.

**FILING**

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

**COMMENTS**

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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 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 type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: 435-789-4433		9. API NUMBER:
STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

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

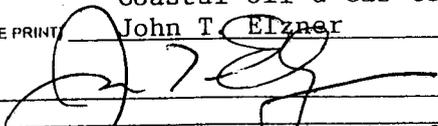
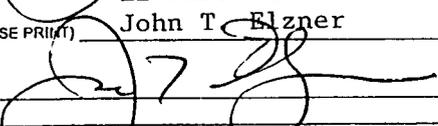
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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 checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<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.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE 	DATE <u>06-15-01</u>
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) <u>John T. Elzner</u>	TITLE <u>Vice President</u>
SIGNATURE 	DATE <u>06-15-01</u>

(This space for State use only)

**RECEIVED**  
JUN 19 2001  
DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 1 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

**DIVISION OF  
OIL, GAS AND MINING**

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

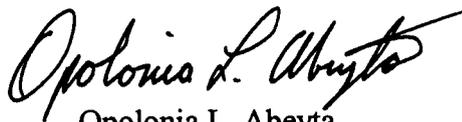
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

## Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-LP <input checked="" type="checkbox"/>
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
KENNEDY WASH 6-1	43-047-33665	13047	06-08S-23E	FEDERAL	GW	DRL
KENNEDY WASH 8-1	43-047-33614	12917	08-08S-23E	FEDERAL	GW	DRL
FEDERAL 23-17 SAND RIDGE	43-047-30623	6126	17-08S-23E	FEDERAL	GW	P
UTE KIDD 20-16	43-047-32568	11727	20-09S-18E	FEDERAL	OW	P
UTD CHASEL 24-14	43-047-32566	11798	24-09S-18E	FEDERAL	OW	S
KURIP 1-116 (CA CR-168)	43-047-33407	12908	01-09S-20E	FEDERAL	GW	P
COGC 2-22-9-20 (CA 73748)	43-047-30967	9248	22-09S-20E	FEDERAL	GW	P
COG 11-22-9-20 GR (CA 73748)	43-047-32464	11653	22-09S-20E	FEDERAL	GW	P
TRIBAL 6 WELL 56 (CA CR-12)	43-047-32699	11839	06-09S-22E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/25/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/25/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-67549

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
UTD CHASEL 24-14

9. API Well No.  
43-047-32566

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COASTAL OIL & GAS CORPORATION  
Contact: CHERYL CAMERON<sup>9</sup>  
E-Mail: Cheryl.Cameron@CoastalCorp.com

3a. Address  
P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

10. Field and Pool, or Exploratory  
ALTAMONT/BLUEBELL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 24 T9S R18E Mer SESW

11. County or Parish, and State  
DUCHESNE COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COASTAL OIL & GAS CORPORATION PROPOSES TO PLUG & ABANDON THE SUBJECT WELL. IT HAS BEEN ESTABLISHED THAT AFTER EVALUATION OF THIS WELL THAT THE UPHOLE POTENTIAL HAS BEEN DEPLETED. LAST KNOWN PRODUCTION WAS AUGUST 1998.

PLEASE REFER TO THE ATTACHED PLUG AND ABANDON PROCEDURE.

*P/A Rescinded by Sundry Submitted 8/22/01 rec'd by OAGM 8/27/01 DKD 10/25/01*

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

**Electronic Submission #6178 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal**

Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature <i>Cheryl Cameron</i>	Date 08/02/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

## PLUG AND ABANDON PROCEDURE

**UTD Chassel 24-14  
Eight Mile Flat South Field  
SESW Sec 24-T9S-R18E  
Uintah County, Utah  
July 24, 2001**

### WELL DATA:

**DEPTH:** TD: 5092 ft PBD: 5026 ft  
**ELEVATIONS:** GL: 4897 ft KB: 4911 ft  
**SURFACE CASING:** 8 5/8", 24# K55 @ 315 ft (12 1/4" bit)  
235 sks Class G cmt  
**PRODUCTION CASING:** 5 1/2", 15.5# M50 @ 5070 ft (8 3/4" bit)  
240 sks Hi Lift + adds (11.0 ppg, 3.18 cft/sk) and 270 sks 50/50  
Pozmix + adds (14.5 ppg, 1.18 cft/sk)  
**PRODUCTION TUBING:** 2 7/8", 6.5# J55 EOT @ 4480 ft (run 6/3/95)  
**PERFORATIONS:** Green River: 4196 to 4430 ft

### RECOMMENDED PROCEDURE:

**NOTE: All water used to displace cmt and placed between plugs should contain corrosion inhibitor and should be 8.8 ppg to 9.2 ppg.**

1. Insure regulatory agencies are given proper notification prior to PXA.
2. MIRU workover unit. ND well head and NU BOPs. POOH 2 7/8" tbg, standing back ~400 ft of tbg and laying dn remainder of tbg.
3. RIH w/ 5000# CIBP and set @ 4146 ft. RIH w/ tbg and spot 150 ft cement plug (~20 sks) from +/- 4146 to 4000 ft. POOH.
4. Perforate squeeze holes +/- 340 ft. RIH w/ tbg and pump cmt (~60 sks) through squeeze holes at +/- 340 ft, filling 5 1/2" X 8 5/8" annulus with cmt, then fill 5 1/2" csg w/ remaining cmt (40 sks) from +/- 340 ft to surface. POOH. WOC.
5. Cut off both csg strings 3 ft below ground level. Install dry hole marker .
6. Restore location as per BLM's requirements in APD.

### SMS

#### Approvals:

Eng Mrg: \_\_\_\_\_

Tech Dir: \_\_\_\_\_

VP: \_\_\_\_\_

**UTD Chassel 24-14  
SESW Sec 24-T9S-R18E  
Eightmile Flat South  
Uintah County, Utah**

**CHRONOLOGICAL HISTORY:**

- ?? Spud well with 12 ¼" bit.
- ?? RIH 8 5/8", 24# J55 ST&C surface csg, set @ 315 ft. Cmt w/ ??
- 5/14/95 Drill ahead 7 7/8" bit.
- 5/19/95 TD @ 5092 ft. Log well. RIH 5 ½", 15.5# M50 csg, set @ 5070 ft.
- 5/20/95 Cmt w/ 240 sks Hi Lift + adds (11.0 ppg; 3.18 cft/sk); 270 sks 50/50 Pozmix + adds (14.5 ppg, 1.18 cft/sk).
- 5/24/95 Run CBL/VDL/GR. Tag fill @ 4987 ft, run log f/ 4987 to 450 ft. Very good bond f/ PB to 3500 ft and fair bond f/ 3500 ft to 650 ft. PT csg to 3000 psi f/ 5 min, held. RIH 4" guns to perf Green River f/ 4420 to 4430, 4312 to 4318, 4196 to 4204 ft; 2 spf, 180 deg phase, 48 holes, 0.40 EHD. Breakdown Green River perms w/ 34 bbls 2% KCl + 75 ballsealers. Good ball action, ISIP 1310 psi.
- 5/25/95 Frac Green River perms w/ 43000 gals YF140 & YF135 + 150000 lbs sd, ATR 25 bpm, ATP 1900 psi, MTP 2450 psi, ISIP 1630 psi, FG 0.81.
- 5/26/95 RIH RBP, set @ 4160 ft and dump bail 1 sk sd. RIH 4" guns to perf f/ 4106 to 4116 ft, 4 spf, 90 deg phase, 40 holes, 0.40 EHD. RIH pkr & set @ 4065 ft. RU to swab, FL @ surf. Swab 23 bbls in 1 ½ hrs.
- 5/30/95 Breakdown Upper Green River w/ 2500 gals 2% KCl + 60 ballsealers. ISIP 1450 psi. Rel pkr, knock off balls & reset pkr @ 4065 ft. Swab.
- 5/31/95 Swab sticking, 1% oil cut throughout day. Rel pkr and PUH & set @ 4003 ft. Pmp FW, broke @ 2250 psi @ 1 bpm. Establish injection rate @ 4 bpm @ 1500 psi. Pmp 25 sks Class G + 2% CaCl<sub>2</sub> (15.8 ppg, 1.15 cft/sk). Sqz to 2300 psi, lost 50 psi in 5 min. Rel pkr, rev out. Reset pkr & repressure to 2300 psi, lost 20 psi in 5 min. Rel pkr & POOH.
- 6/1/95 RIH bit X csg scraper, tag cmt @ 4012 ft. Drill out to 4024 ft. Returns soft, gummy cmt.
- 6/2/95 Drill out cmt to 4119 ft & fell through. RIH to 4125 ft & circ clean. PT to 200 psi, held ok, POOH. RIH w/ retrieving head to tag @ 4145 ft. Circ sd & ballsealers of RBP. Rel RBP, psi inc to 500 psi. Flwg through 16/64 choke f/ 1 ½ hrs, then died. POOH RBP.
- 6/3/95 RIH prod tbg to 4693 ft, did not tag fill, circ clean. Land tbg @ 4480 ft. NC @ 4480 ft, SN @ 4447 ft, TAC @ 4161 ft. RU to swab, FL @ surf. Swab 260 bbls in 6 hrs, FL @ 3300 ft, last 2 ½ hrs 15 to 20% oil, 3 - 5% sd.
- 6/5/95 RIH rods & pmp. Space out.
- 6/9/95 IP 20 BOPD, 100 BWPD.

DATE: 07/18/01  
 FOREMAN: SMS

WELL: UTD Chassel 24-14  
 FIELD: Eight Mile Flat South

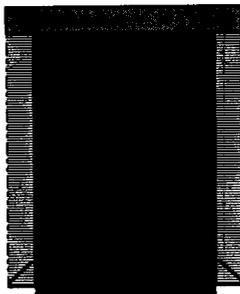
CNTY: ah  
 STATE: UT

SEC: 24  
 TWP: 9S  
 RGE: 18E

KB (ft): 4911  
 GL (ft): 4897

PBTD (ft): 5026  
 TD (ft): 5092

PXA Well Status



from surf to 340 ft

TOC @ 650 ft  
 5/24/1995

Cmt plug to 4000 ft  
 CIBP @ 4146 ft

CASING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
8 5/8	24			0	315	?
5 1/2	15.5	M50		0	5,070	5/20/1995

TUBING RECORD

SIZE (in)	WT (lb/ft)	GRADE	THD	TOP (ft)	BTM (ft)	Date Run
2 7/8	6.5	J55		0	4,480	6/3/1995

JEWELRY RECORD

ITEM	MAKER	SIZE (in)	Max ID	TOP (ft)	Date Run
NC		2 7/8		4479	6/3/1995
SN		2 7/8		4447	6/3/1995
TAC		2 7/8 X 5 1/2		4161	6/3/1995

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	Date Shot
Green River	4420	4430	2	
Green River	4312	4318	2	
Green River	4196	4204	2	
Green River	4106	4116	2	

COMMENTS:

#####	Perf 4420 to 4430, 4312 to 4318 & 4196 to 4204 ft; brkdn w/ 34 bbls 2% KCl + 75 ballsealers
#####	Frac 4196 to 4430 ft w/ 43000 gals gel fluid + 150.5K# 20/40 sd
#####	Perf 4106 to 4116 ft
#####	Brkdn 4106 to 4116 ft w/ 2500 gals 2% KCl + 60 ballsealers
#####	Sqz 4106 to 4116 ft w/ 25 sks Class G cmt
6/9/1995	Pumping 1 1/2" RHAC; 20 BOPD, 100 BWPD, zero MCFD
	PU removed, not produced since 8/98 per BLM records



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**UTU-67549**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**UTD Chasel #24-14**

9. API Well No.  
**43-047-32566**

10. Field and Pool, or Exploratory Area  
**Altamont/Bluebell**

11. County or Parish, State  
**Uintah, UT**

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**El Paso Production Company**

3a. Address  
**P.O. Box 1148 Vernal, UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE/SW Sec. 24, T9S, R18E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

After further geological evaluation on the subject well, El Paso Production Company intends to re-work/or re-complete this location and would like to rescind the Plug & Abandonment procedure recently submitted.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Federal Approval Of This  
Action Is Necessary**

Date: 1-12-01  
By: [Signature]

10-15-01  
[Signature]

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

Name (Printed/Typed) <b>Cheryl Cameron</b>	Title <b>Regulatory Analyst</b>
Signature <u>[Signature]</u>	Date <b>August 22, 2001</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU-67549

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
UTD CHASEL 24-14

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EL PASO PRODUCTION  
Contact: CHERYL CAMERON  
E-Mail: cheryl.cameron@elpaso.com

9. API Well No.  
43-047-32566

3a. Address  
P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

10. Field and Pool, or Exploratory  
ALTAMONT/BLUEBELL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 24 T9S R18E SESW

11. County or Parish, and State  
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Successor of Operator
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BE ADVISED THAT INLAND PRODUCTION COMPANY IS CONSIDERED TO BE THE OPERATOR ON THE ABOVE DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.

**RECEIVED**

OCT 22 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #7675 verified by the BLM Well Information System For EL PASO PRODUCTION, sent to the Vernal**

Name (Printed/Typed) CHERYL CAMERON Title OPERATIONS

Signature  (Electronic Submission) Date 10/05/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No. <b>UTU-67549</b>
6. If Indian, Allottee or Tribe Name <b>N/A</b>
7. If unit or CA, Agreement Designation
8. Well Name and No. <b>Chasel 24-14</b>
9. API Well No. <b>43-047-32566</b>
10. Field and Pool, or Exploratory Area <b>Altamont/Bluebell</b>
11. County or Parish, State <b>Uintah Co., Utah</b>

*SUBMIT IN TRIPLICATE*

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other
2. Name of Operator <b>INLAND PRODUCTION COMPANY</b>
3. Address and Telephone No. <b>410 17TH STREET, SUITE 700, DENVER, CO 80202 (303)893-0102</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  <b>SE/SW    620' fsl, 1965' fwl    Sec. 24, T9S, R18E</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>	<input type="checkbox"/> Dispose Water
		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Effective July 1, 2001, Inland Production Company will take over operations of the above referenced well. The previous operator was:

El Paso Production  
P. O. Box 1148  
Vernal, UT 84078

**RECEIVED**  
  
OCT 22 2001  
  
DIVISION OF  
OIL, GAS AND MINING

Effective July 1, 2001, Inland Production Company is responsible under the terms and conditions of the lease for the operations conducted on the leased lands or portions thereof. Bond coverage for this well is provided by Bond No. UT0056, issued by the Hartford Insurance Group.

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

Signed Joyce S. McGough Title Regulatory Specialist Date 10/15/01  
Joyce McGough

(This space of Federal or State office use.)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal District Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (801) 781-4400

Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08300

December 17, 2001

Inland Production Company  
410 17th Street, Suite 700  
Denver, Colorado 80202

Re: *43-042-32566*  
Chasel #24-14  
SESW, Sec. 24, T9S, R18E  
Uintah County, Utah  
Lease No. UTU-67549

Ms. McGough:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Edwin I. Forsman  
Petroleum Engineer

cc: UDOGM - Jim Thompson  
El Paso Production

**RECEIVED**

DEC 18 2001

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: 7-01-2001

<b>FROM: (Old Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: P O BOX 1148
VERNAL, UT 84078
Phone: 1-(435)-781-7023
Account N1845

<b>TO: ( New Operator):</b>
INLAND PRODUCTION COMPANY
Address: 410 17TH STREET STE 700
DENVER, CO 80202
Phone: 1-(303)-893-0102
Account N5160

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
CHASEL 24-14	43-047-32566	11798	24-09S-18E	FEDERAL	OW	S

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/22/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/22/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 12/19/2001
- Is the new operator registered in the State of Utah: YES Business Number: 91212
- If **NO**, the operator was contacted on: N/A
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 12/17/2001
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/19/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: UT 0056

---

**INDIAN BOND VERIFICATION:**

1. Indian well(s) covered by Bond No.: N/A

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

<b>UTSL-</b>	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
<b>UTU-</b>	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: (New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	---

**CA No.** \_\_\_\_\_ **Unit:** \_\_\_\_\_

<b>WELL(S)</b>									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
REX LAMB 34-1	34	040S	010E	4304731528	9690	Fee	OW	P	
REX LAMB 34-2	34	040S	010E	4304731692	9691	Fee	OW	P	
MONUMENT FED 13-25	25	080S	170E	4304732527	11835	Federal	NA	PA	K
FEDERAL #23-26	26	080S	180E	4304732080	11265	Federal	OW	P	
PARIETTE FED 10-29	29	080S	180E	4304731464	1428	Federal	OW	P	
W PARIETTE FED 6-29	29	080S	180E	4304731550	10975	Federal	OW	P	
FEDERAL 44-29	29	080S	180E	4304732079	11267	Federal	OW	S	
STATE 31-32	32	080S	180E	4304732500	11645	State	OW	S	
FEDERAL 12-34	34	080S	180E	4304732077	11276	Federal	OW	S	
GULF STATE 36-12	36	080S	180E	4304731864	11002	State	OW	S	
GULF STATE 36-22	36	080S	180E	4304731892	11095	State	OW	P	
UTD STATE 36-K	36	080S	180E	4304732580	11752	State	OW	S	
UTD STATE 36-M	36	080S	180E	4304732581	11749	State	OW	S	
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	9535	Federal	OW	TA	
FEDERAL 44-14Y	14	090S	170E	4304732438	11506	Federal	OW	P	
21BALCRON FED 31-5Y	05	090S	180E	4304732503	11680	Federal	OW	S	
FEDERAL 15-8-9-18	08	090S	180E	4304731547	10275	Federal	OW	S	
BALCRON FED 41-19Y	19	090S	180E	4304732504	11651	Federal	OW	P	
UTD CHASEL 24-14	24	090S	180E	4304732566	11798	Federal	OW	S	
FEDERAL 41-29	29	090S	180E	4304732495	11646	Federal	OW	S	

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2005  
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

3a. Address   Route 3 Box 3630  
 Myton, UT 84052

3b. Phone   (include are code)  
 435.646.3721

4. Location of Well   (Footage, Sec., T., R., M., or Survey Description)  
 620 FSL 1965 FWL  
 SESW Section 24 T9S R18E

5. Lease Serial No.  
 UTU-67549

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.  
 UTD CHASEL 24-14

9. API Well No.  
 4304732566

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 Uintah, UT

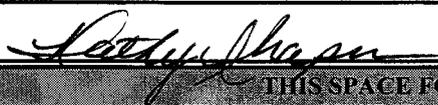
**12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield requests a change of status to TA this well. Newfield plans to Re-Complete this well in the near future in the following intervals.  
 Evaluate for water flood.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 For Record Only

I hereby certify that the foregoing is true and correct (Printed/ Typed) Kathy Chapman	Title Office Manager
Signature 	Date 01/30/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**  
**FEB 06 2008**  
 DIV. OF OIL, GAS & MINING



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
 UTU-67549

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
 UTD CHASEL 24-14

2. NAME OF OPERATOR:  
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
 4304732566

3. ADDRESS OF OPERATOR:  
 Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER  
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
 MONUMENT BUTTE

4. LOCATION OF WELL:  
 FOOTAGES AT SURFACE: 620 FSL 1965 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T9S, R18E

STATE: UT

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 <u>01/30/2008</u>	<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"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input checked="" 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 FLAIR
	<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/STOP)	<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.

Newfield requests a change of status to TA this well. Newfield plans to Re-Complete this well in the near future in the following intervals.  
 Evaluate for water flood.

**COPY SENT TO OPERATOR**

Date: 6.10.2008

Initials: KS

NAME (PLEASE PRINT) Sentri Park

TITLE Production Technician

SIGNATURE [Signature]

DATE 4/3/08

(This space for State use only)

**REQUEST DENIED**  
 Utah Division of  
 Oil, Gas and Mining

Date: 6/3/08

By: [Signature]  
 \* See 12619-5-22

**RECEIVED**

APR 07 2008

DIV. OF OIL, GAS & MINING



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

5. LEASE DESIGNATION AND SERIAL NUMBER:

USA UTU-67549

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL:

OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:

UTD CHASEL 24-14

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

9. API NUMBER:

4304732566

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 620 FSL 1965 FWL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 24, T9S, R18E

STATE: UT

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 _____	<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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 10/27/2008	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY 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 FLAIR
	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Potential waterflood
	<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.

No recompletion exist. Newfield wants to retain well bore for future waterflood, potential exist at the present time.

NAME (PLEASE PRINT) Jentry Park

TITLE Production Tech

SIGNATURE

DATE 10/30/2008

(This space for State use only)

**RECEIVED**

**NOV 03 2008**

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67549
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTD CHASEL 24-14
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047325660000
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 382-4443 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0620 FSL 1965 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 24 Township: 09.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/20/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Newfield Production Company requests the approval for the following work on the subject well. Pull existing equipment from the wellbore. Set a CIBP above and within 50 feet of top squeezed perforation (4,106'). Pressure test to 1000 psi for 30 minutes. Well has potential in an expanded flood to the Southeast portion of the field. Anticipate completion by 9/30/2010. Please contact Wayne Baud at 303-383-4139 with any questions.

**Accepted by the Utah Division of Oil, Gas and Mining**

Date: June 03, 2010

By: *Don K. Baud*

<b>NAME (PLEASE PRINT)</b> Sam Styles	<b>PHONE NUMBER</b> 303 893-0102	<b>TITLE</b> Engineering Tech
<b>SIGNATURE</b> N/A		<b>DATE</b> 5/21/2010

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-67549
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> UTD CHASEL 24-14
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047325660000
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202	<b>PHONE NUMBER:</b> 303 382-4443 Ext
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0620 FSL 1965 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 24 Township: 09.0S Range: 18.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH  <b>COUNTY:</b> UINTAH  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/20/2010	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input checked="" type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

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